

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076628.D
 Acq On : 13 Feb 2023 13:27
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	403167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	688614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	626396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	310823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	242743	43.603	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.200%		
35) Dibromofluoromethane	8.172	113	206917	45.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.760%		
50) Toluene-d8	10.572	98	795393	47.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.460%		
62) 4-Bromofluorobenzene	12.848	95	273610	49.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	218181	50.966	ug/l	95
3) Chloromethane	2.372	50	248536	44.498	ug/l	97
4) Vinyl Chloride	2.525	62	265950	48.382	ug/l	96
5) Bromomethane	2.949	94	158832	47.687	ug/l	94
6) Chloroethane	3.125	64	165736	47.708	ug/l	97
7) Trichlorofluoromethane	3.507	101	348501	46.596	ug/l	97
8) Diethyl Ether	3.972	74	142083	49.300	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	208400	47.421	ug/l	99
10) Methyl Iodide	4.596	142	279129	51.433	ug/l	97
11) Tert butyl alcohol	5.543	59	182460	248.297	ug/l	96
12) 1,1-Dichloroethene	4.354	96	199552	47.953	ug/l	97
13) Acrolein	4.190	56	279158	253.037	ug/l	97
14) Allyl chloride	5.031	41	364291	50.522	ug/l	97
15) Acrylonitrile	5.731	53	635336	243.619	ug/l	99
16) Acetone	4.437	43	568132	228.461	ug/l	98
17) Carbon Disulfide	4.725	76	531022	48.330	ug/l	97
18) Methyl Acetate	5.031	43	392786	48.389	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	718535	51.214	ug/l	99
20) Methylene Chloride	5.278	84	237801	45.627	ug/l	99
21) trans-1,2-Dichloroethene	5.801	96	217683	46.470	ug/l	93
22) Diisopropyl ether	6.678	45	849518	50.232	ug/l	93
23) Vinyl Acetate	6.613	43	2857946	285.616	ug/l	97
24) 1,1-Dichloroethane	6.578	63	432333	46.644	ug/l	96
25) 2-Butanone	7.490	43	872660	237.900	ug/l	100
26) 2,2-Dichloropropane	7.501	77	335825	50.232	ug/l	97
27) cis-1,2-Dichloroethene	7.490	96	257993	46.435	ug/l	95
28) Bromochloromethane	7.819	49	203590	46.151	ug/l	99
29) Tetrahydrofuran	7.842	42	587868	245.291	ug/l	100
30) Chloroform	7.972	83	433950	46.860	ug/l	92
31) Cyclohexane	8.260	56	407334	46.644	ug/l	95
32) 1,1,1-Trichloroethane	8.178	97	377297	48.456	ug/l	99
36) 1,1-Dichloropropene	8.378	75	323263	49.614	ug/l	99
37) Ethyl Acetate	7.566	43	356536	52.009	ug/l	99
38) Carbon Tetrachloride	8.366	117	334941	50.958	ug/l	99
39) Methylcyclohexane	9.601	83	400233	54.040	ug/l	95
40) Benzene	8.613	78	997616	49.858	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076628.D
 Acq On : 13 Feb 2023 13:27
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323

Quant Time: Feb 14 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	207185	52.169	ug/l	98
42) 1,2-Dichloroethane	8.678	62	336172	48.172	ug/l	99
43) Isopropyl Acetate	8.695	43	589081	52.808	ug/l	99
44) Trichloroethene	9.354	130	244704	51.752	ug/l	98
45) 1,2-Dichloropropane	9.625	63	257973	48.704	ug/l	96
46) Dibromomethane	9.713	93	168958	49.895	ug/l	99
47) Bromodichloromethane	9.889	83	343298	50.566	ug/l	96
48) Methyl methacrylate	9.684	41	283111	53.484	ug/l	97
49) 1,4-Dioxane	9.695	88	94042	1027.039	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	1849474	260.582	ug/l	99
52) Toluene	10.631	92	624480	51.694	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	367081	56.019	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	404893	53.568	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	245571	49.992	ug/l	98
56) Ethyl methacrylate	10.878	69	382637	55.339	ug/l	97
57) 1,3-Dichloropropane	11.166	76	421112	49.898	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	895897	282.920	ug/l	100
59) 2-Hexanone	11.195	43	1343805	262.590	ug/l	99
60) Dibromochloromethane	11.360	129	262347	50.674	ug/l	100
61) 1,2-Dibromoethane	11.472	107	247039	50.243	ug/l	99
64) Tetrachloroethene	11.107	164	197375	50.000	ug/l	94
65) Chlorobenzene	11.895	112	667259	50.264	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.966	131	243622	50.525	ug/l	98
67) Ethyl Benzene	11.966	91	1185207	52.405	ug/l	99
68) m/p-Xylenes	12.072	106	926408	106.269	ug/l	97
69) o-Xylene	12.401	106	462657	54.417	ug/l	97
70) Styrene	12.413	104	762938	55.492	ug/l	99
71) Bromoform	12.583	173	192274	54.362	ug/l	98
73) Isopropylbenzene	12.701	105	1207902	53.020	ug/l	99
74) N-amyl acetate	12.495	43	546925	53.260	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	374431	45.404	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	315539m	50.213	ug/l	
77) Bromobenzene	12.983	156	282482	49.697	ug/l	98
78) n-propylbenzene	13.036	91	1417249	52.977	ug/l	100
79) 2-Chlorotoluene	13.130	91	830077	50.676	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1004108	53.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	113515	52.613	ug/l	91
82) 4-Chlorotoluene	13.130	91	830077	50.676	ug/l	99
83) tert-Butylbenzene	13.442	119	889152	52.203	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	997201	53.143	ug/l	98
85) sec-Butylbenzene	13.619	105	1296562	54.523	ug/l	99
86) p-Isopropyltoluene	13.730	119	1074327	56.576	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	538202	50.090	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	544748	50.912	ug/l	98
89) n-Butylbenzene	14.060	91	932804	56.480	ug/l	100
90) Hexachloroethane	14.336	117	197675	49.717	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	548591	49.803	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	72207	45.195	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	309285	56.288	ug/l	99
94) Hexachlorobutadiene	15.507	225	142525	52.924	ug/l	100
95) Naphthalene	15.642	128	978358	58.676	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	300822	56.510	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
Data File : VN076628.D
Acq On : 13 Feb 2023 13:27
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

Quant Time: Feb 14 01:49:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076628.D
 Acq On : 13 Feb 2023 13:27
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023

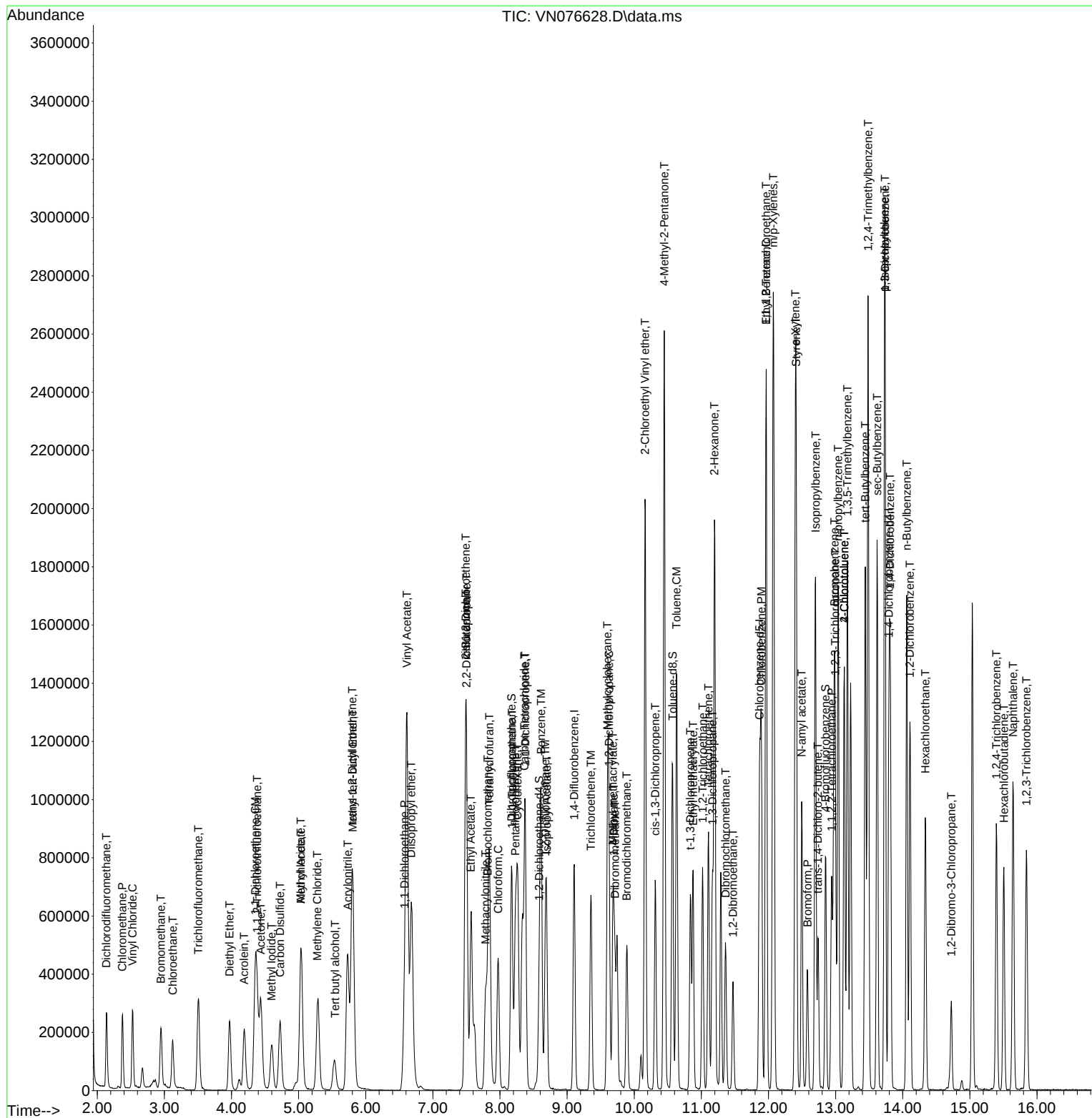
Quant Time: Feb 14 01:49:09 2023

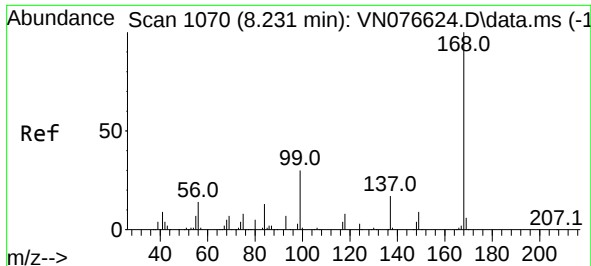
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M

Quant Title : SW846 8260

QLast Update : Tue Feb 14 01:44:47 2023

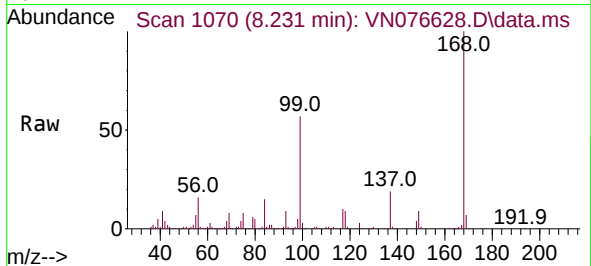
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

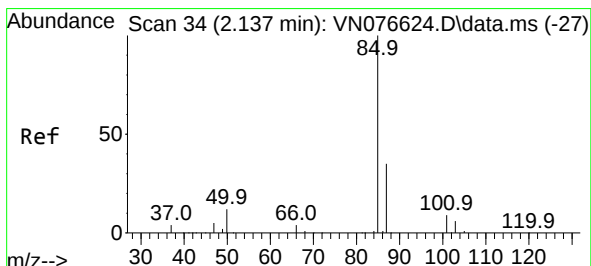
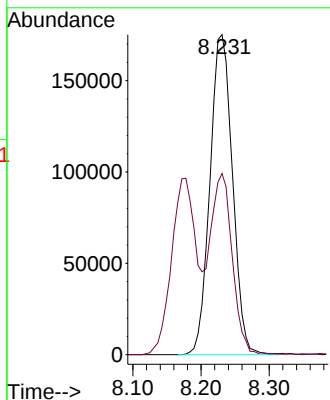
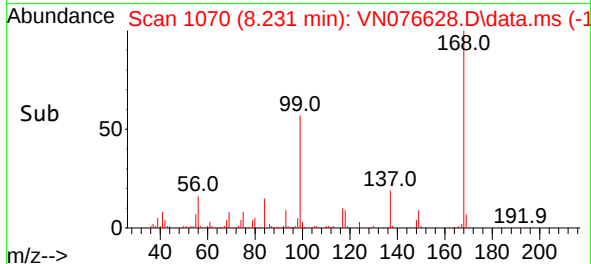
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion:168 Resp: 40316
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2

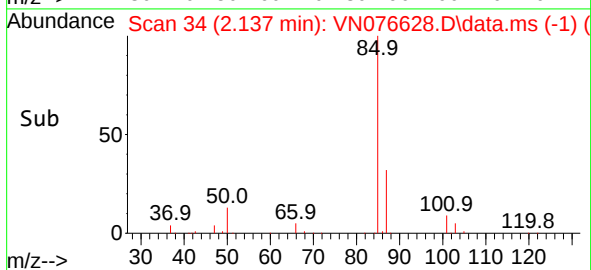
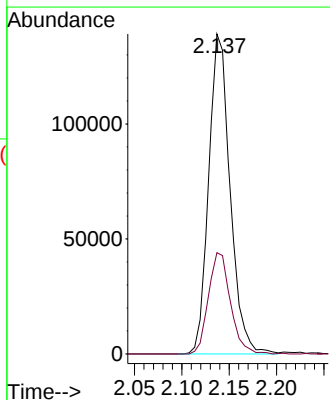
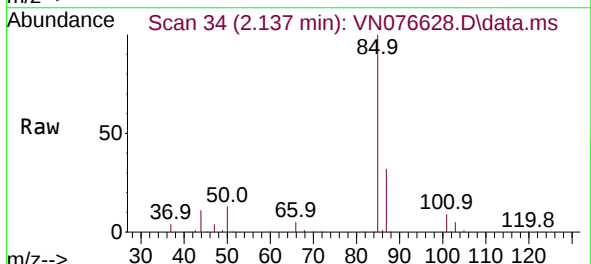
Manual Integrations
APPROVED

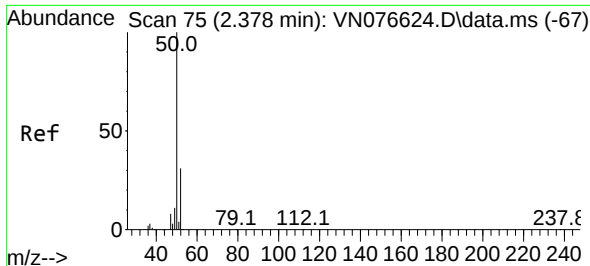
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 50.966 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

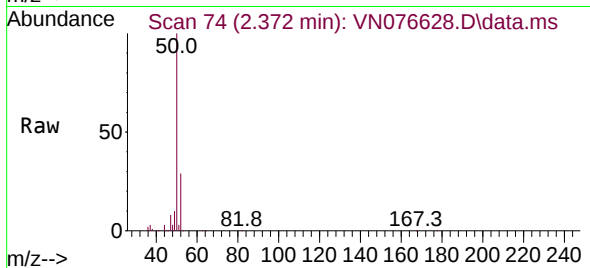
Tgt Ion: 85 Resp: 218181
Ion Ratio Lower Upper
85 100
87 31.7 17.4 52.2





#3
Chloromethane
Concen: 44.498 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

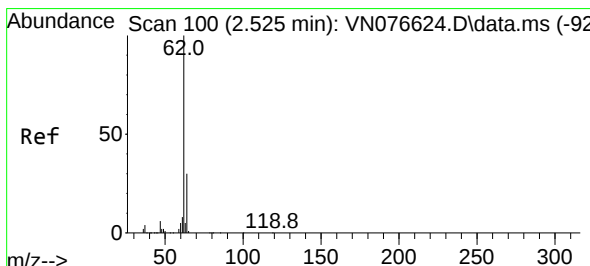
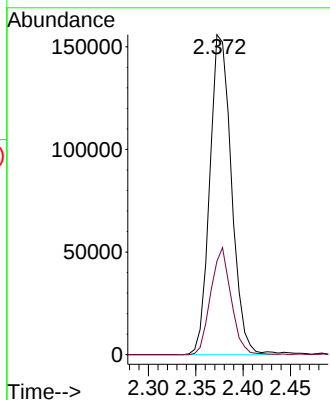
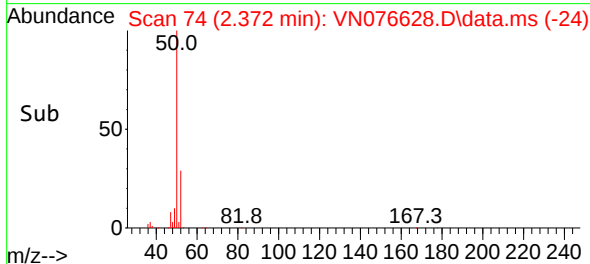
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



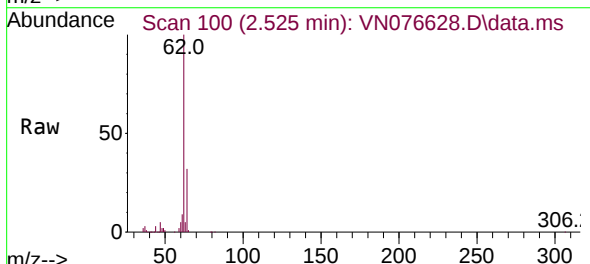
Tgt Ion: 50 Resp: 248530
Ion Ratio Lower Upper
50 100
52 29.2 24.7 37.1

Manual Integrations
APPROVED

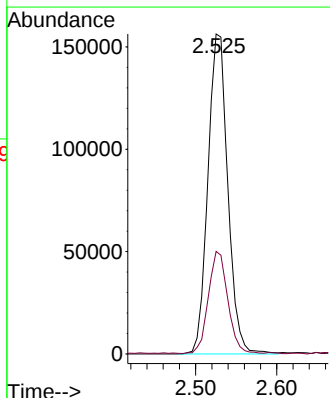
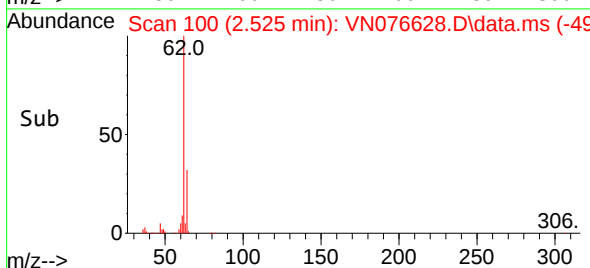
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

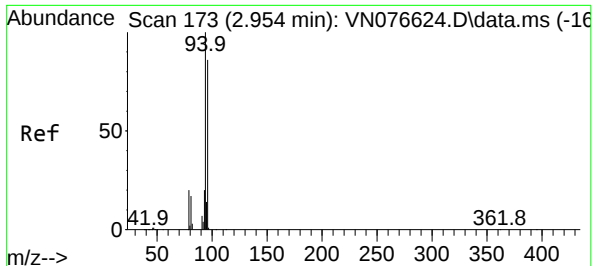


#4
Vinyl Chloride
Concen: 48.382 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



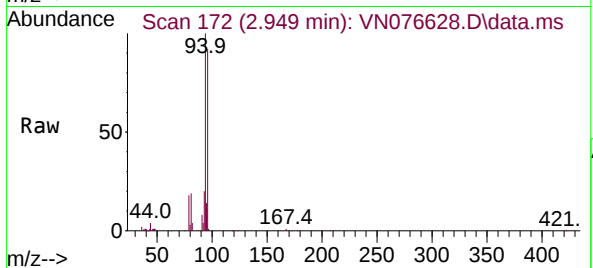
Tgt Ion: 62 Resp: 265950
Ion Ratio Lower Upper
62 100
64 31.9 23.9 35.9





#5
Bromomethane
Concen: 47.687 ug/l
RT: 2.949 min Scan# 172
Delta R.T. -0.005 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

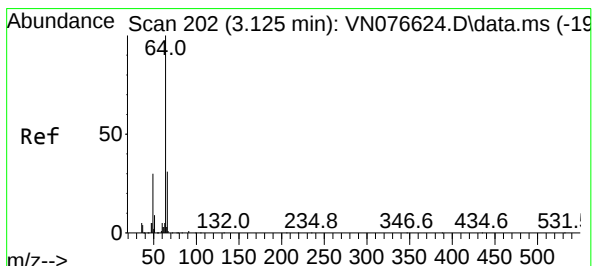
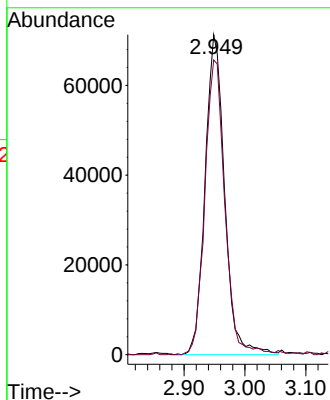
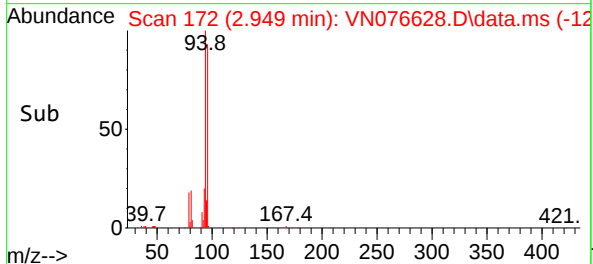
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



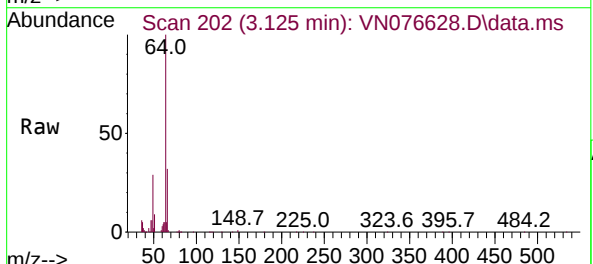
Tgt Ion: 94 Resp: 158832
Ion Ratio Lower Upper
94 100
96 91.8 69.0 103.4

Manual Integrations
APPROVED

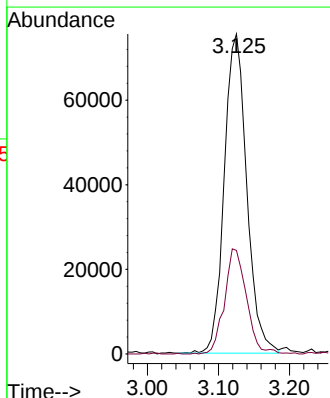
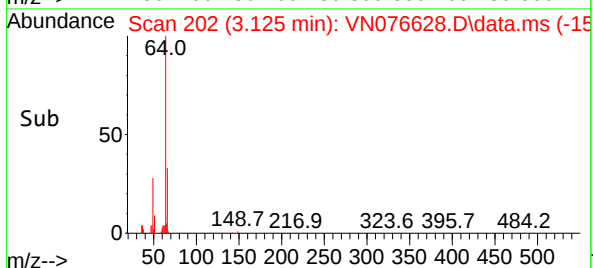
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

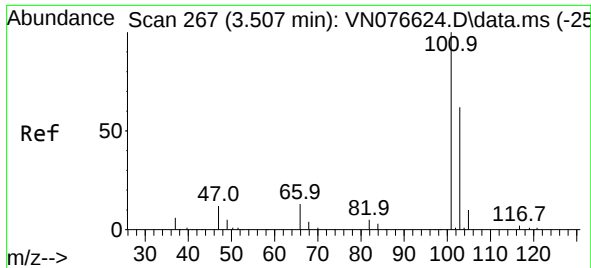


#6
Chloroethane
Concen: 47.708 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



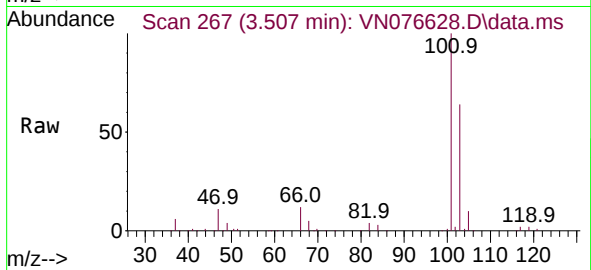
Tgt Ion: 64 Resp: 165736
Ion Ratio Lower Upper
64 100
66 32.2 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 46.596 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

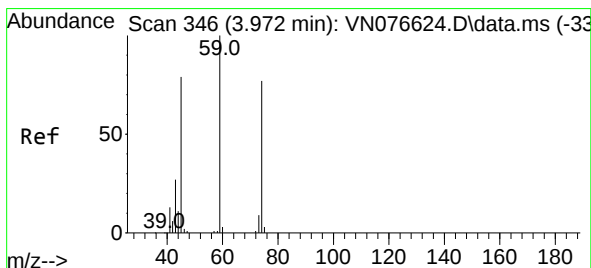
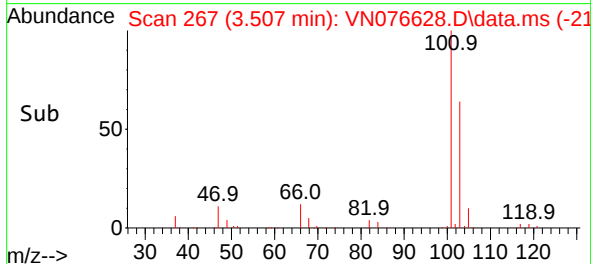
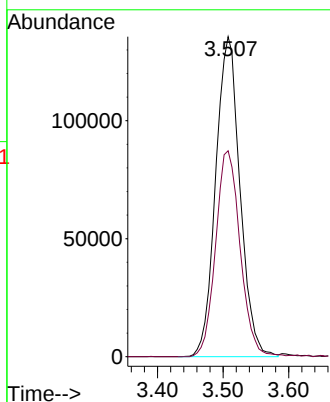
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323



Tgt Ion:101 Resp: 34850
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.4 74.2

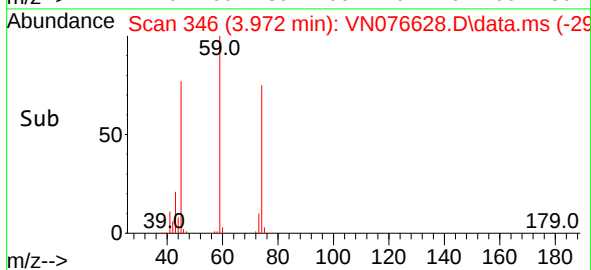
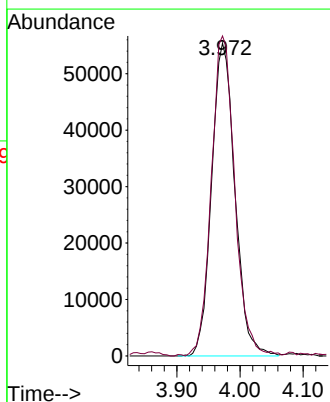
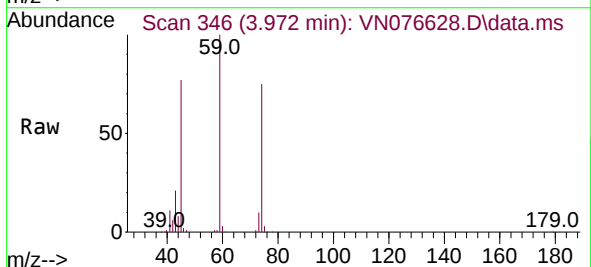
Manual Integrations
 APPROVED

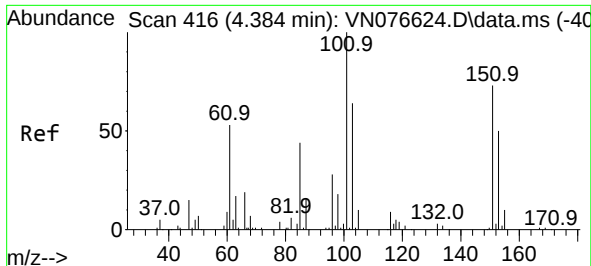
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#8
 Diethyl Ether
 Concen: 49.300 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

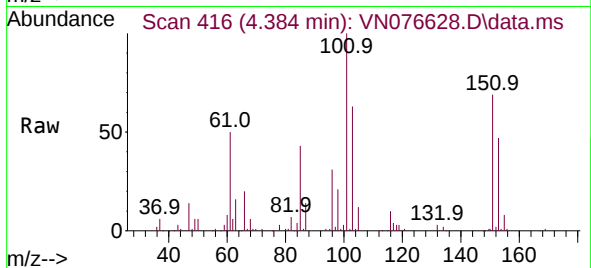
Tgt Ion: 74 Resp: 142083
 Ion Ratio Lower Upper
 74 100
 45 103.0 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.421 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

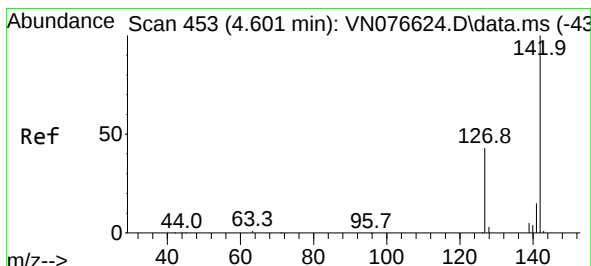
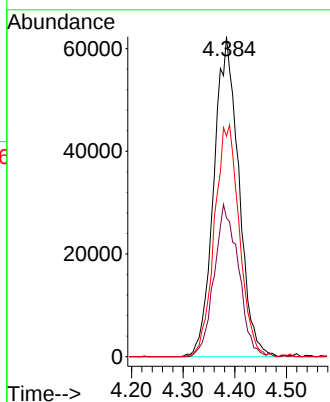
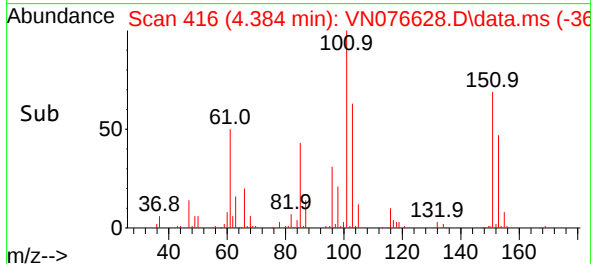
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



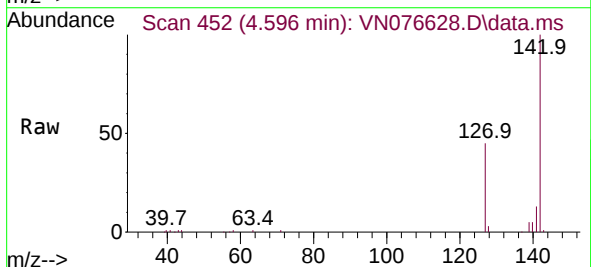
Tgt Ion:101 Resp: 208400
Ion Ratio Lower Upper
101 100
85 46.4 37.4 56.0
151 72.5 58.7 88.1

Manual Integrations
APPROVED

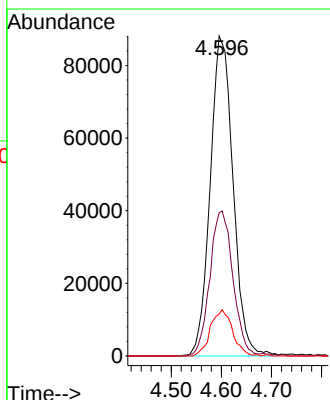
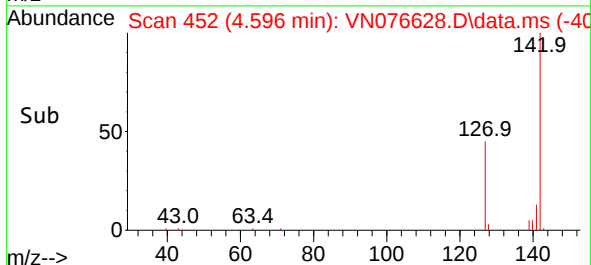
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

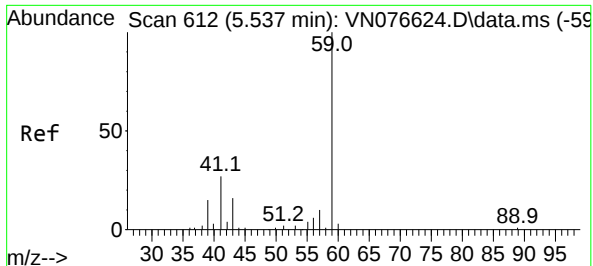


#10
Methyl Iodide
Concen: 51.433 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



Tgt Ion:142 Resp: 279129
Ion Ratio Lower Upper
142 100
127 44.7 34.6 51.8
141 13.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 248.297 ug/l

RT: 5.543 min Scan# 612

Delta R.T. 0.006 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323

Tgt Ion: 59 Resp: 182460

Ion Ratio Lower Upper

59 100

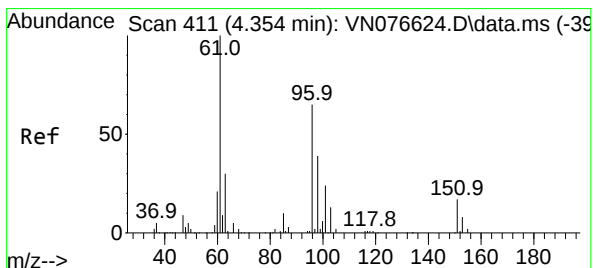
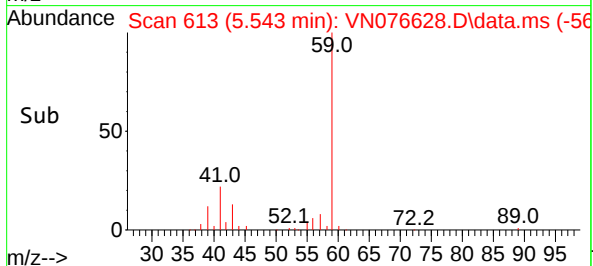
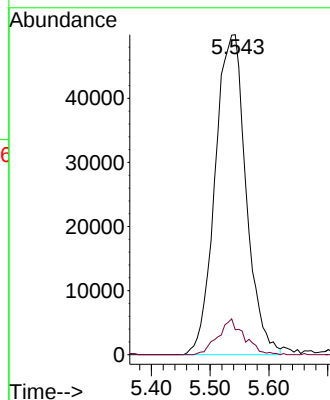
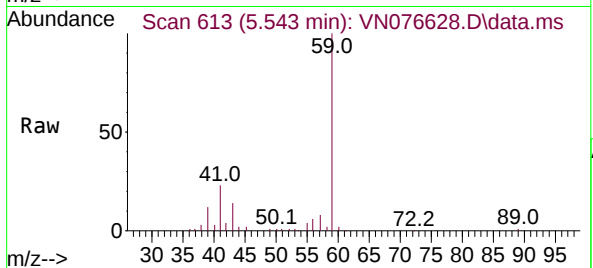
57 9.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#12

1,1-Dichloroethene

Concen: 47.953 ug/l

RT: 4.354 min Scan# 411

Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

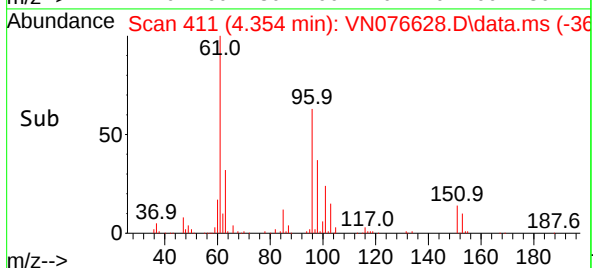
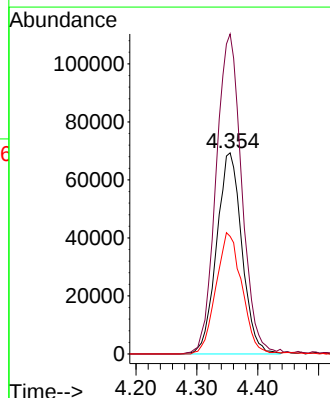
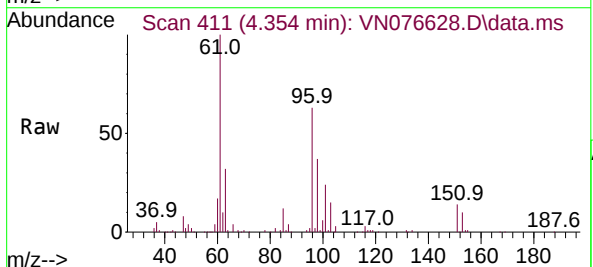
Tgt Ion: 96 Resp: 199552

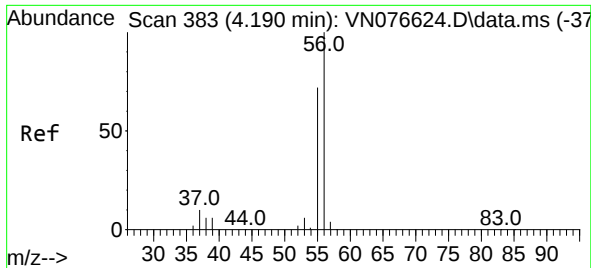
Ion Ratio Lower Upper

96 100

61 159.0 123.8 185.6

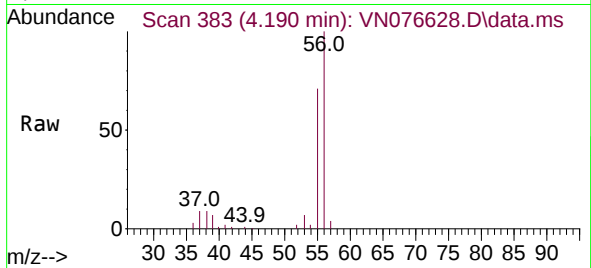
98 58.5 48.4 72.6





#13
Acrolein
Concen: 253.037 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

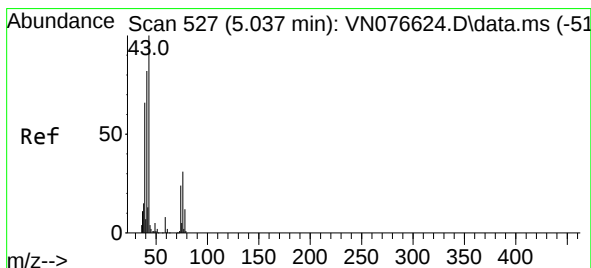
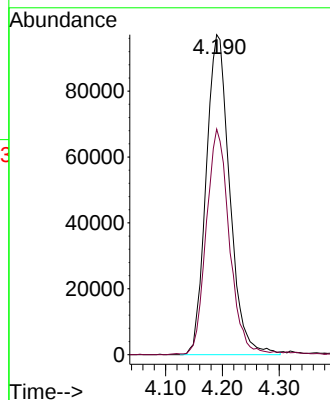
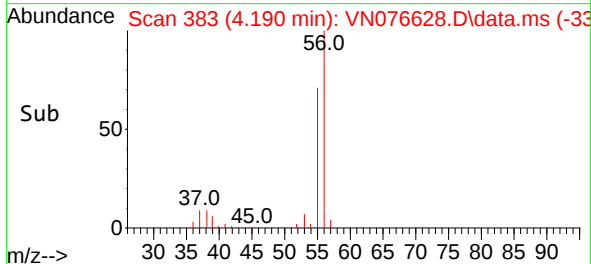
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 56 Resp: 279158
Ion Ratio Lower Upper
56 100
55 68.2 56.3 84.5

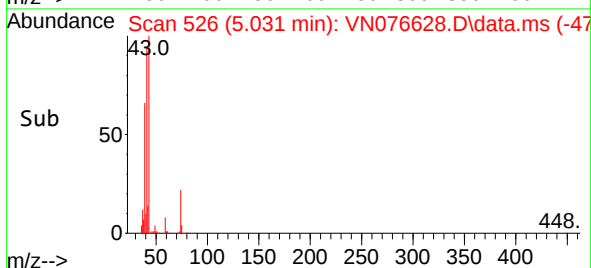
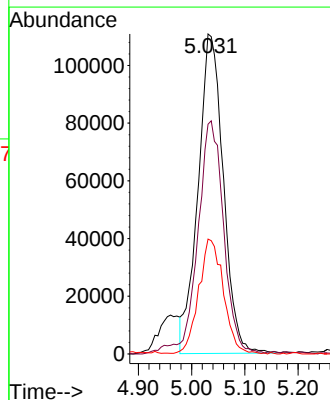
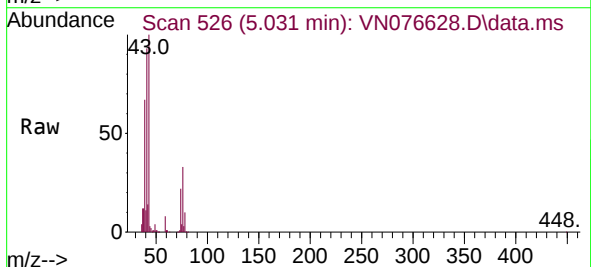
Manual Integrations
APPROVED

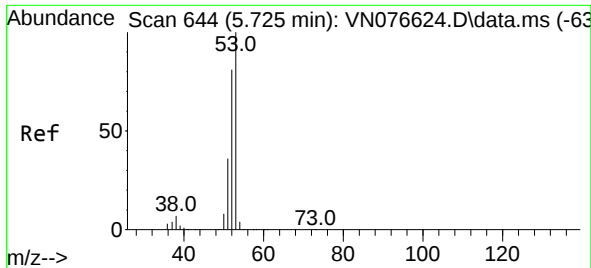
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#14
Allyl chloride
Concen: 50.522 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

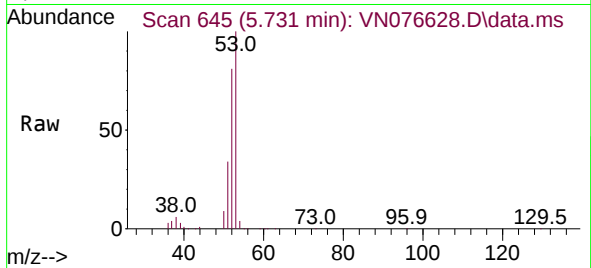
Tgt Ion: 41 Resp: 364291
Ion Ratio Lower Upper
41 100
39 75.1 62.3 93.5
76 34.7 27.0 40.6





#15
Acrylonitrile
Concen: 243.619 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

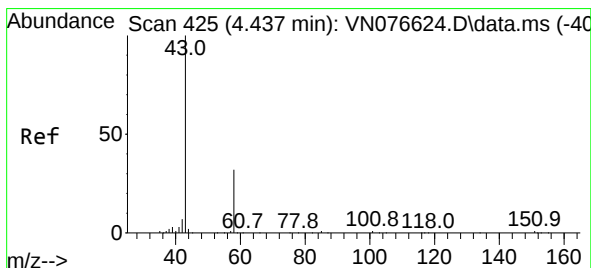
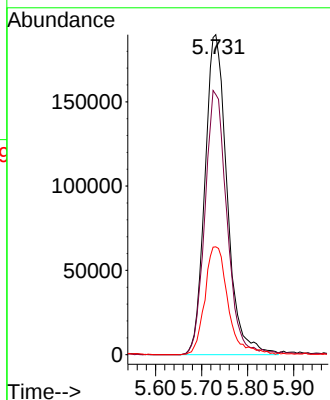
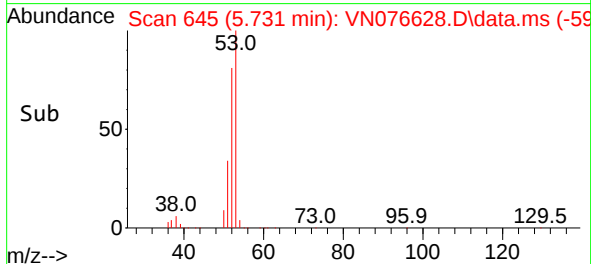
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 53 Resp: 635330
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.4 29.2 43.8

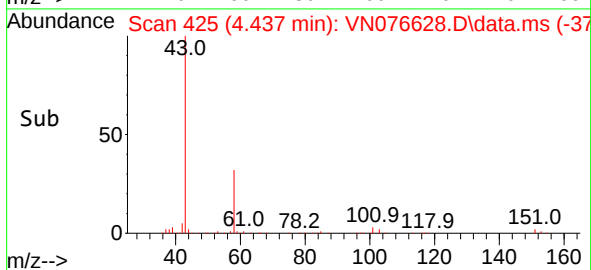
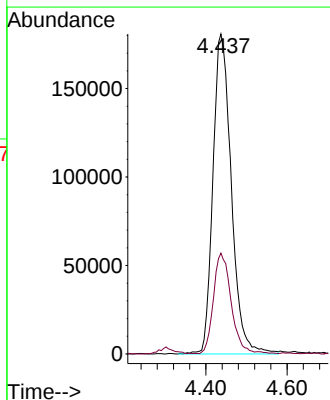
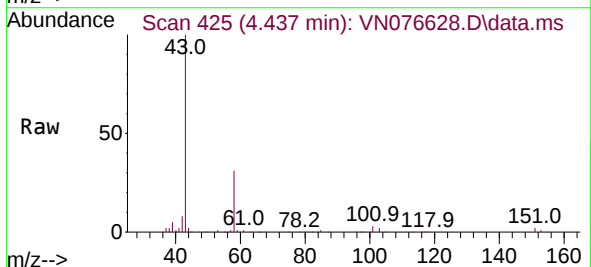
Manual Integrations
APPROVED

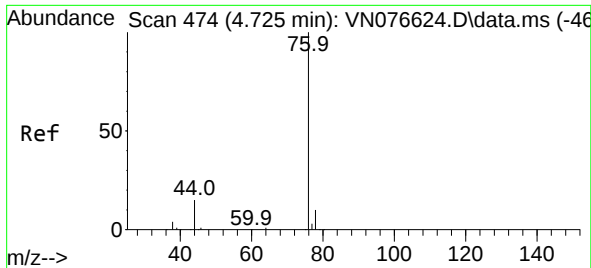
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
Acetone
Concen: 228.461 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

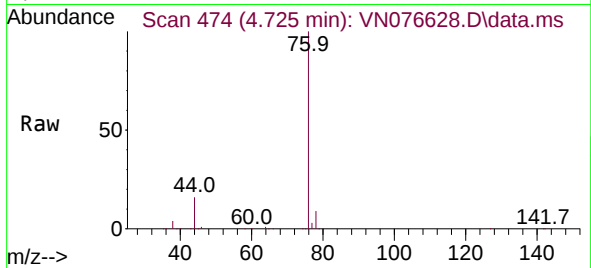
Tgt Ion: 43 Resp: 568132
Ion Ratio Lower Upper
43 100
58 31.3 25.9 38.9





#17
Carbon Disulfide
Concen: 48.330 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

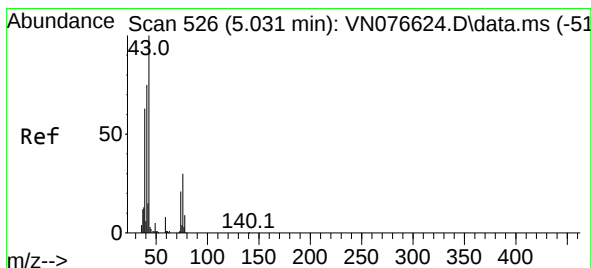
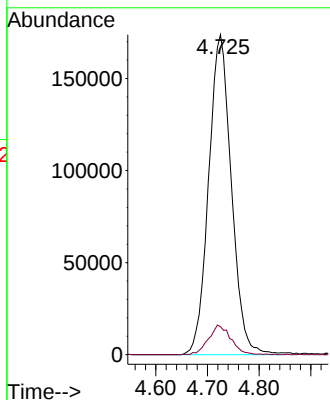
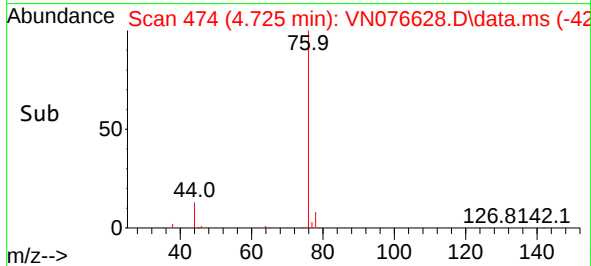
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



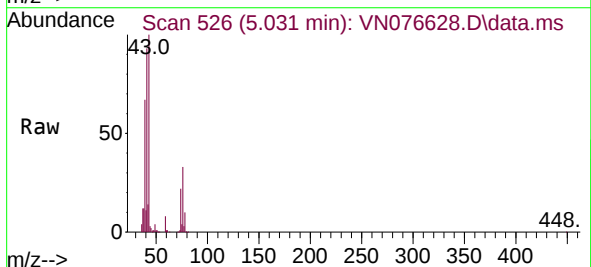
Tgt Ion: 76 Resp: 53102
Ion Ratio Lower Upper
76 100
78 8.8 7.8 11.8

Manual Integrations
APPROVED

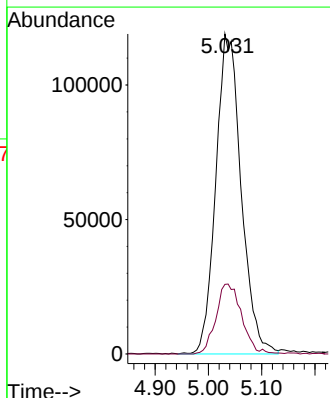
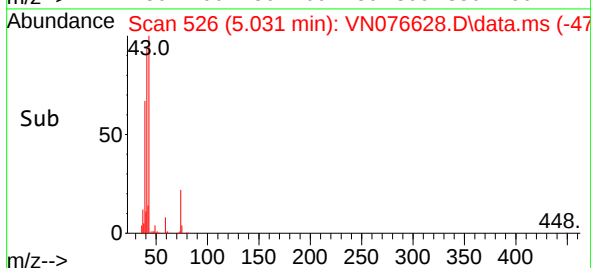
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

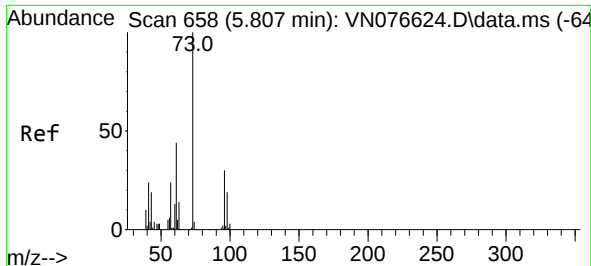


#18
Methyl Acetate
Concen: 48.389 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



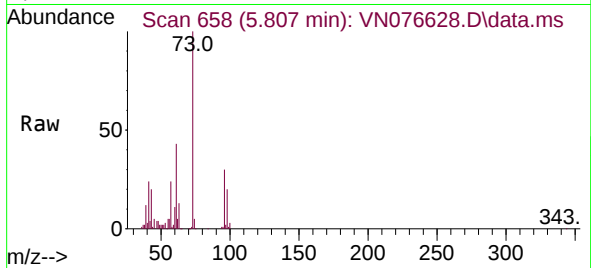
Tgt Ion: 43 Resp: 392786
Ion Ratio Lower Upper
43 100
74 22.2 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 51.214 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

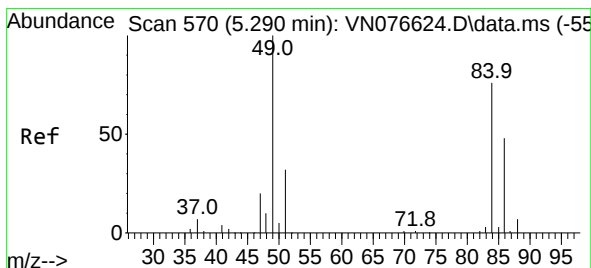
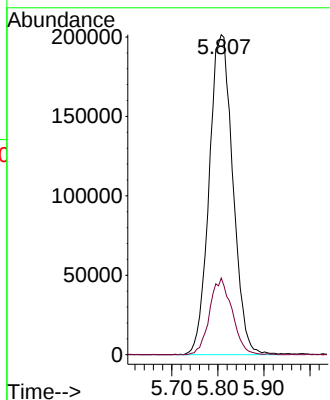
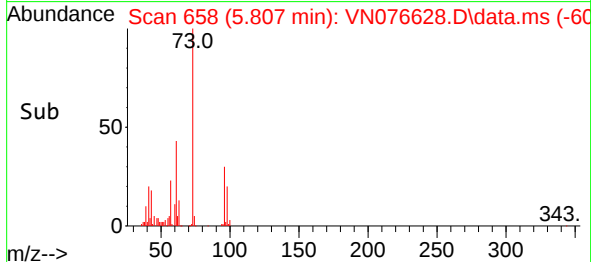
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 73 Resp: 71853
Ion Ratio Lower Upper
73 100
57 24.0 19.0 28.4

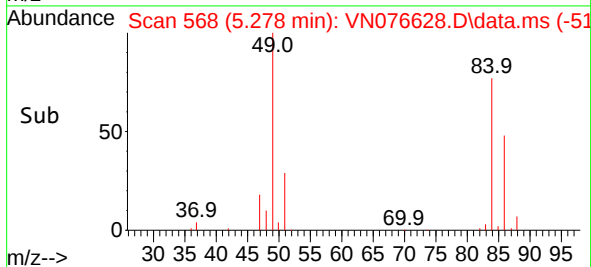
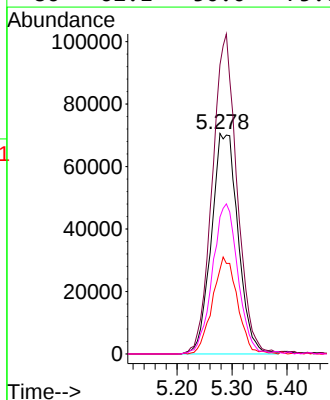
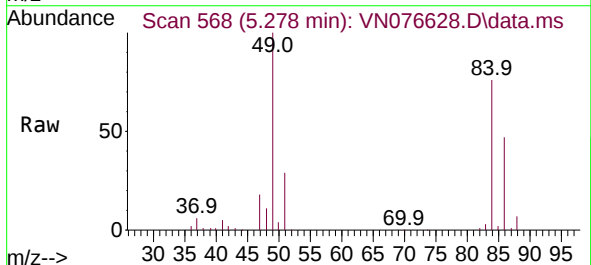
Manual Integrations
APPROVED

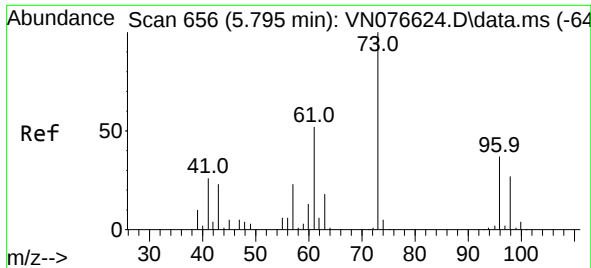
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 45.627 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

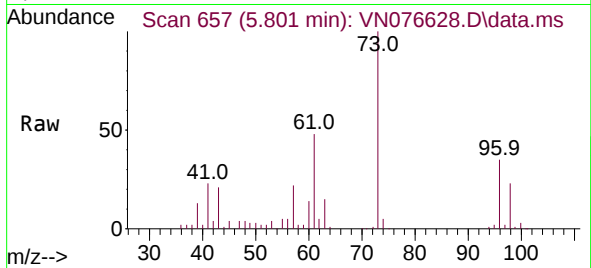
Tgt Ion: 84 Resp: 237801
Ion Ratio Lower Upper
84 100
49 131.1 104.9 157.3
51 38.3 33.8 50.8
86 62.1 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 46.470 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

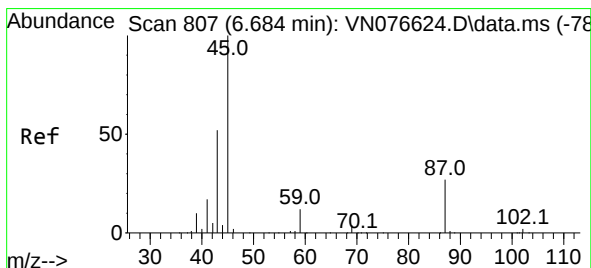
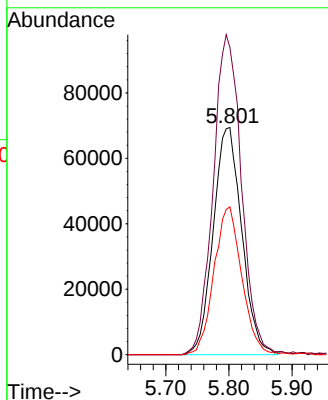
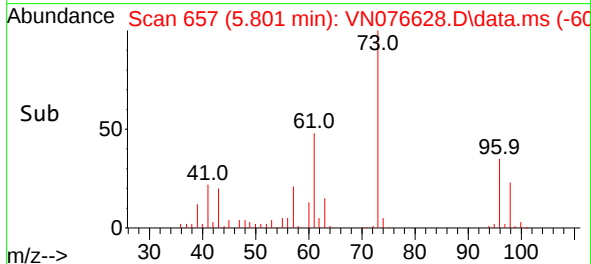
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



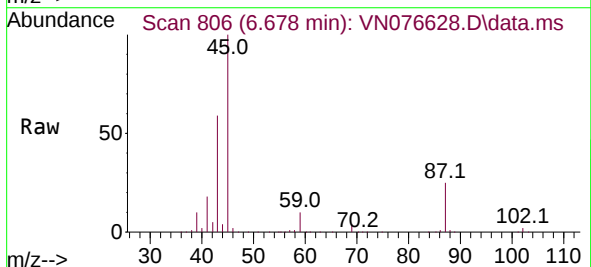
Tgt Ion: 96 Resp: 21768
Ion Ratio Lower Upper
96 100
61 135.3 113.9 170.9
98 65.1 59.4 89.0

Manual Integrations
APPROVED

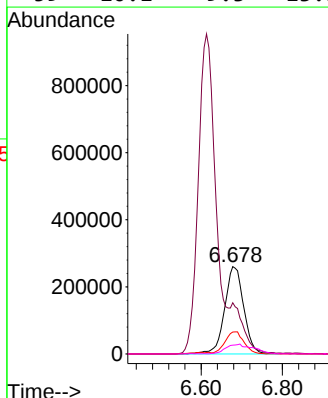
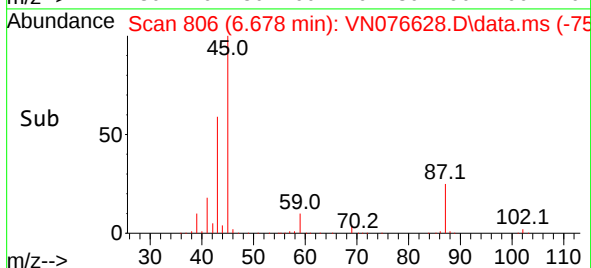
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

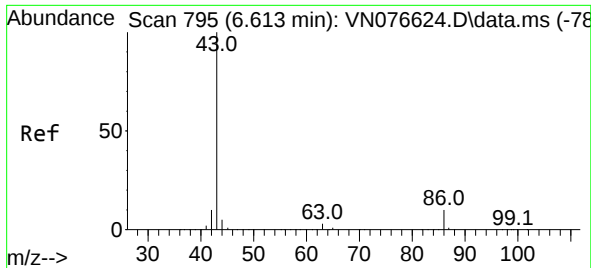


#22
Diisopropyl ether
Concen: 50.232 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



Tgt Ion: 45 Resp: 849518
Ion Ratio Lower Upper
45 100
43 58.1 41.8 62.6
87 24.9 21.8 32.8
59 10.1 9.3 13.9





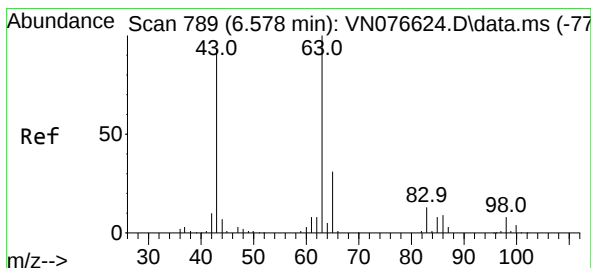
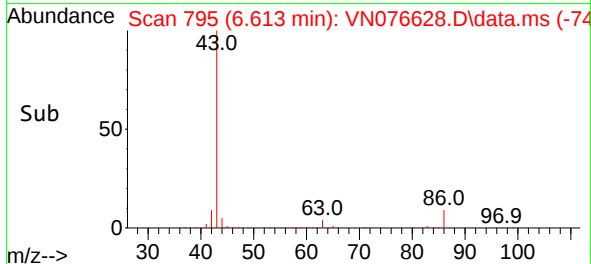
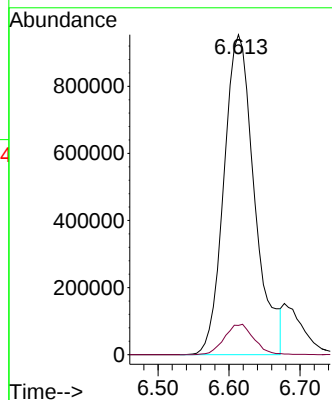
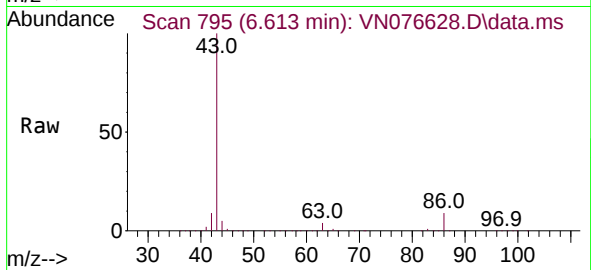
#23
 Vinyl Acetate
 Concen: 285.616 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323

Tgt Ion: 43 Resp: 285794
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.2 12.2

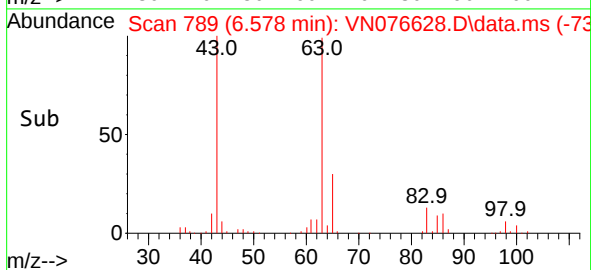
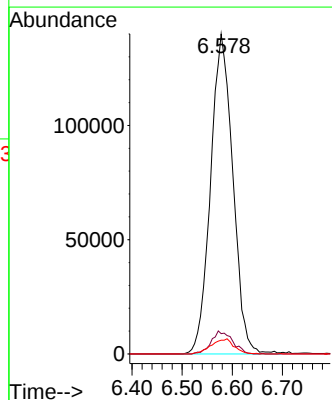
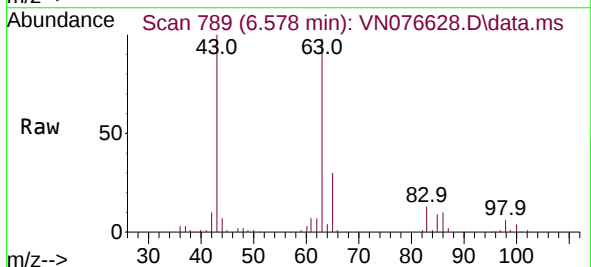
Manual Integrations
 APPROVED

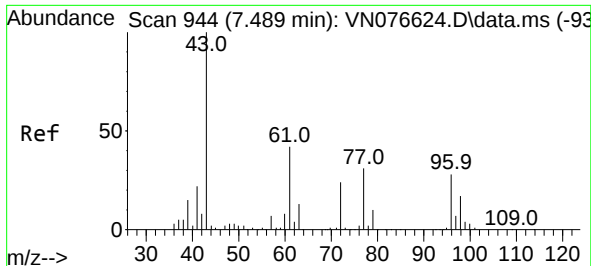
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 46.644 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

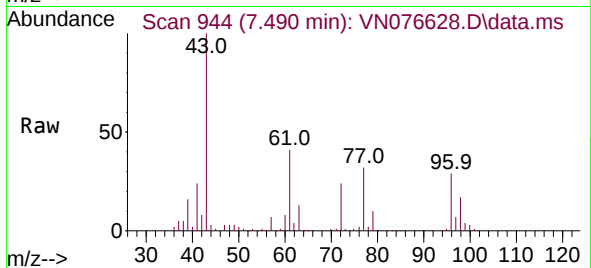
Tgt Ion: 63 Resp: 432333
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.1 12.3
 100 4.3 2.0 5.8





#25
2-Butanone
Concen: 237.900 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

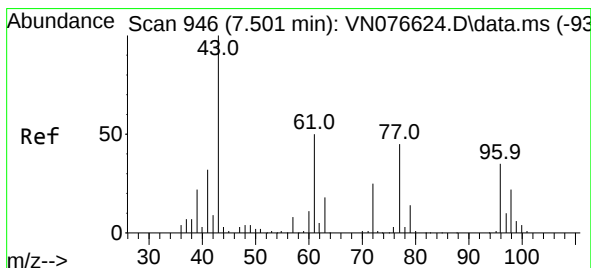
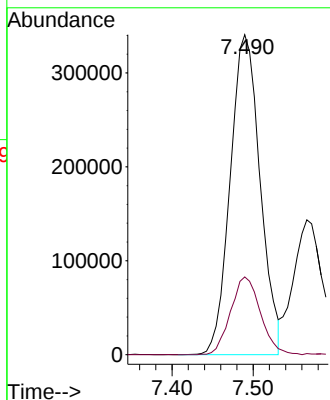
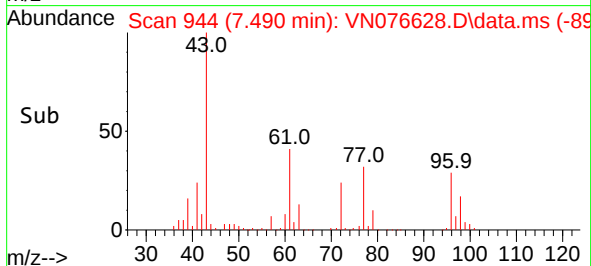
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 43 Resp: 872660
Ion Ratio Lower Upper
43 100
72 24.3 19.4 29.2

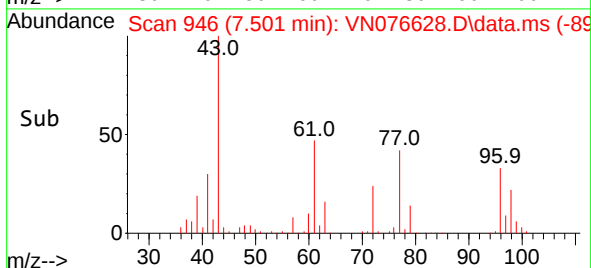
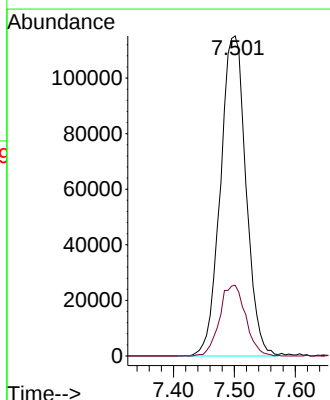
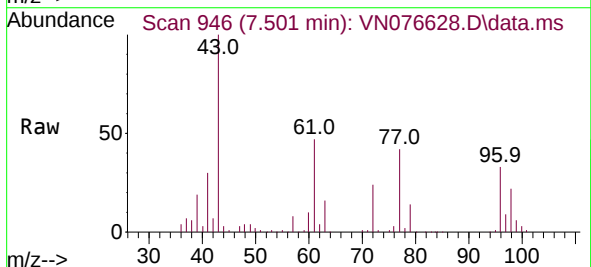
Manual Integrations
APPROVED

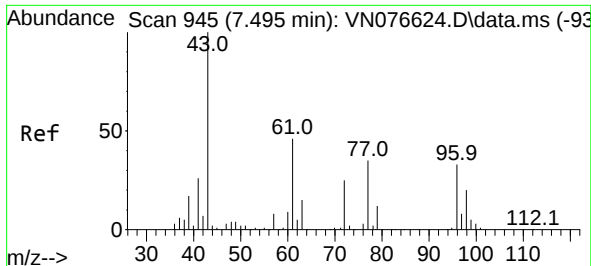
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 50.232 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 77 Resp: 335825
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 46.435 ug/l

RT: 7.490 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323

Tgt Ion: 96 Resp: 25799

Ion Ratio Lower Upper

96 100

61 149.3 0.0 286.8

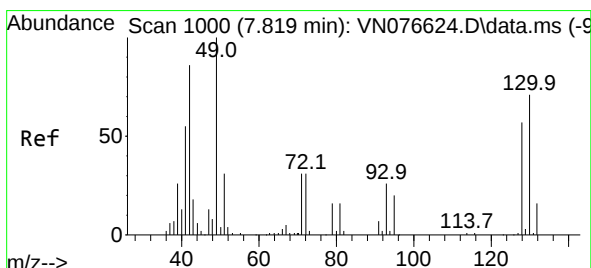
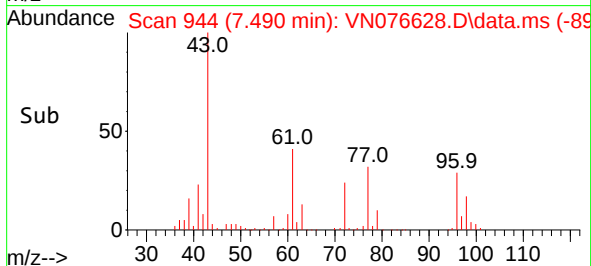
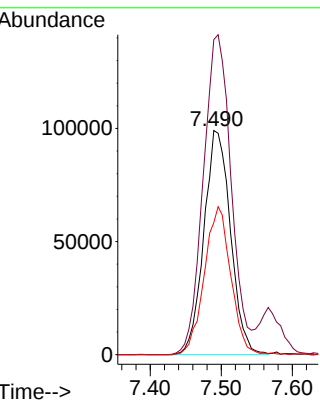
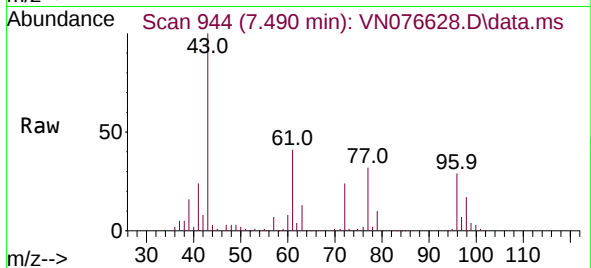
98 65.5 0.0 124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#28

Bromochloromethane

Concen: 46.151 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

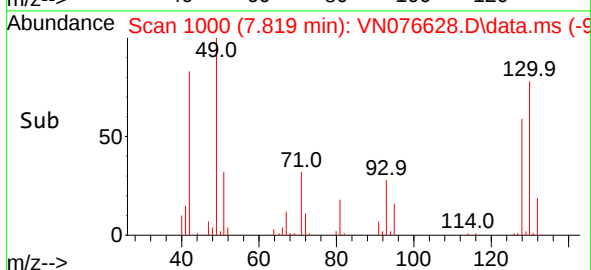
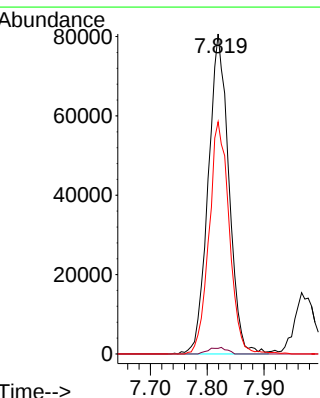
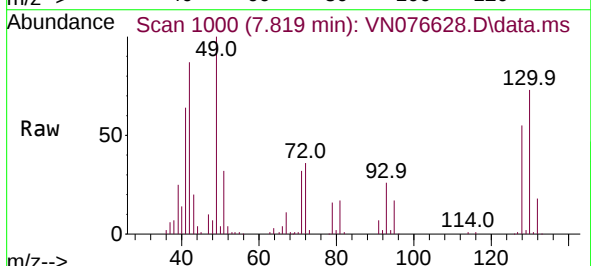
Tgt Ion: 49 Resp: 203590

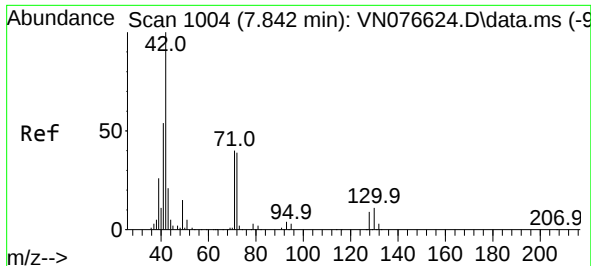
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 71.1 57.8 86.8





#29

Tetrahydrofuran

Concen: 245.291 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076628.D

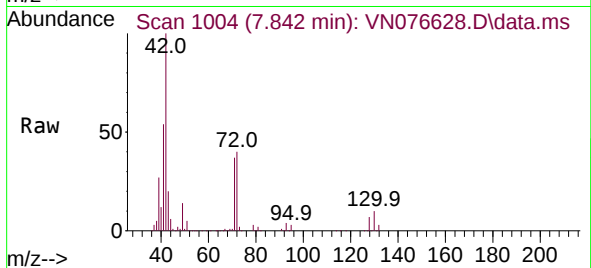
Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323



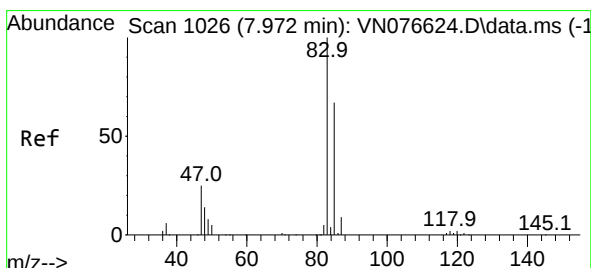
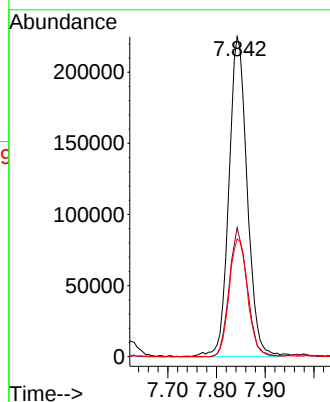
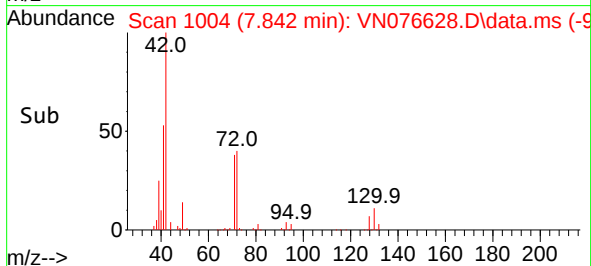
Tgt Ion:	42	Resp:	58786
Ion Ratio	100	Lower	Upper
42	100		
72	39.4	31.5	47.3
71	37.4	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 46.860 ug/l

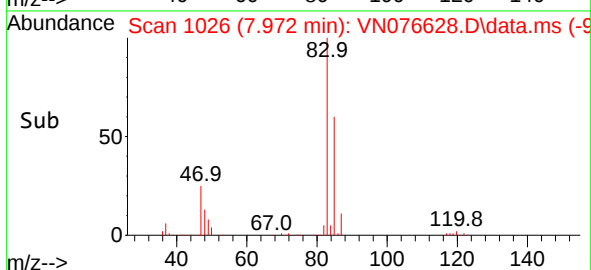
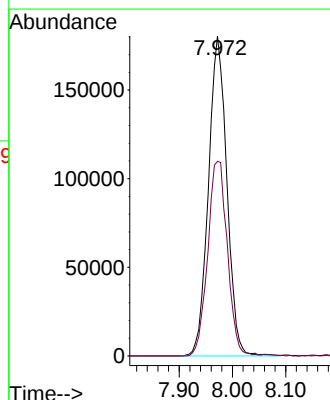
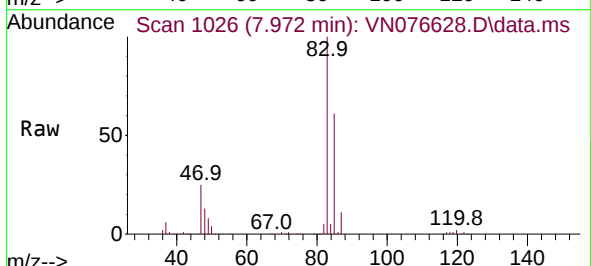
RT: 7.972 min Scan# 1026

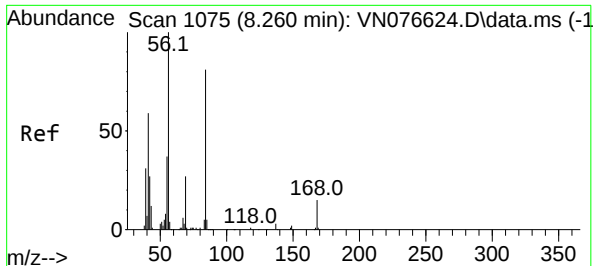
Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

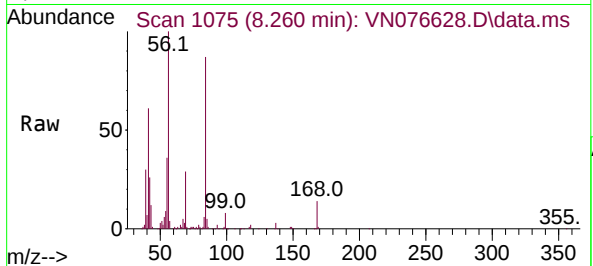
Tgt Ion:	83	Resp:	433950
Ion Ratio	100	Lower	Upper
83	100		
85	60.8	53.5	80.3





#31
Cyclohexane
Concen: 46.644 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

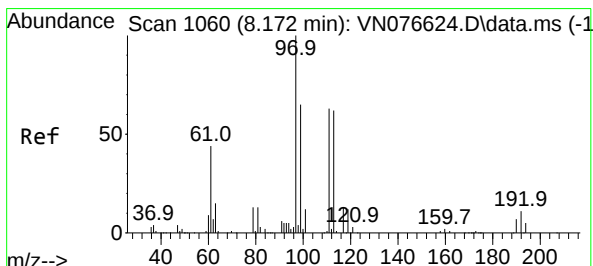
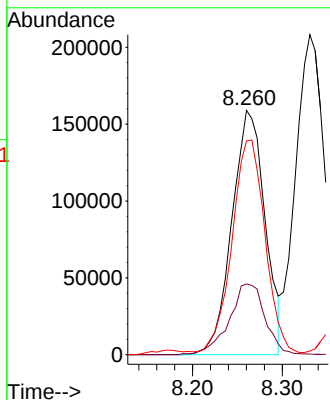
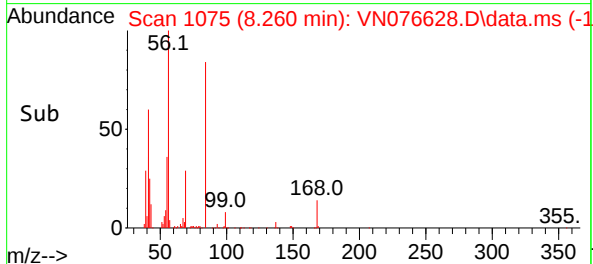
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



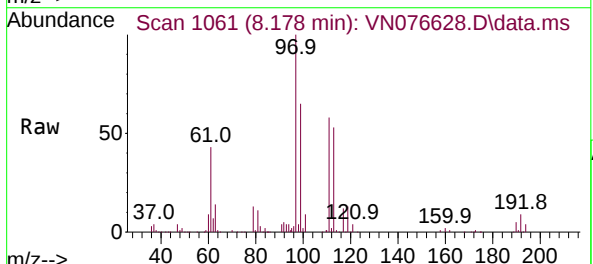
Tgt Ion: 56 Resp: 407334
Ion Ratio Lower Upper
56 100
69 29.0 21.6 32.4
84 86.0 65.1 97.7

Manual Integrations
APPROVED

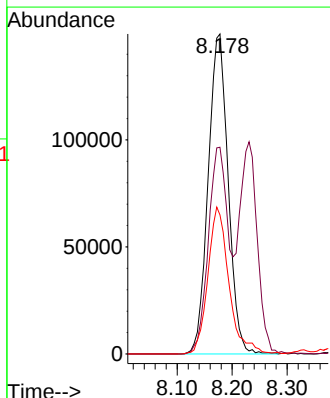
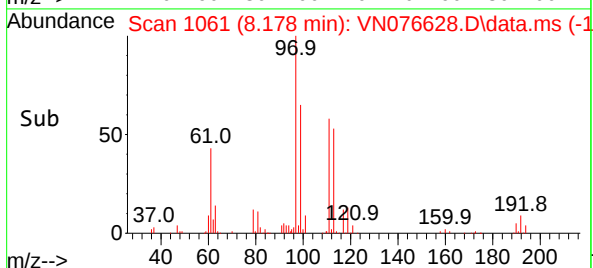
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

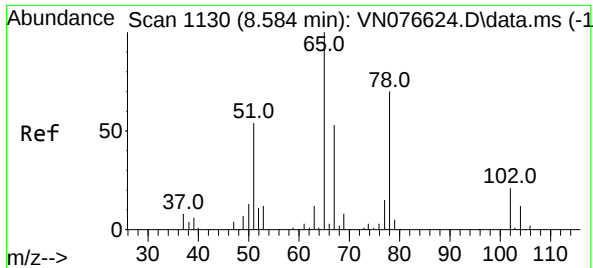


#32
1,1,1-Trichloroethane
Concen: 48.456 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



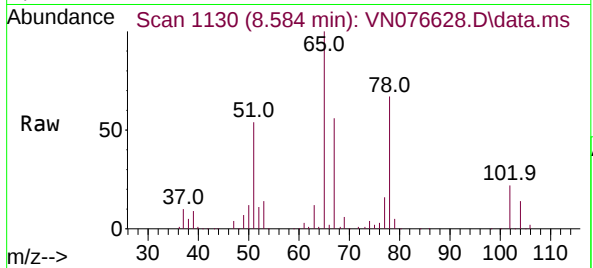
Tgt Ion: 97 Resp: 377297
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 48.5 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 43.603 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

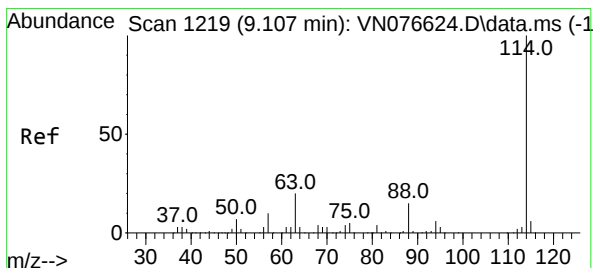
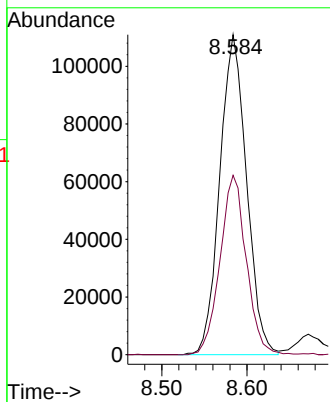
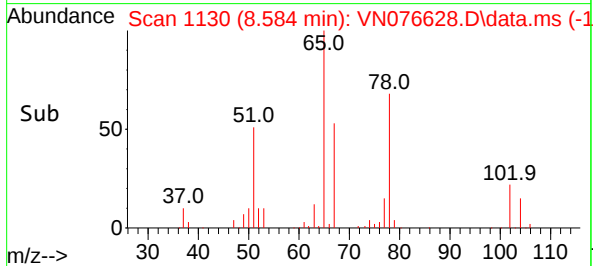
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 65 Resp: 24274
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

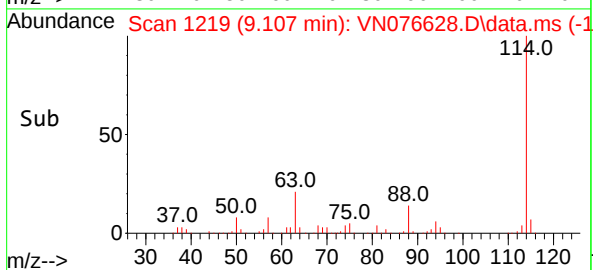
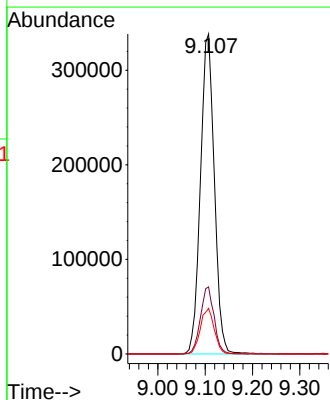
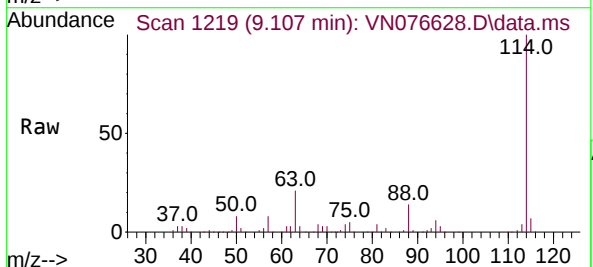
Manual Integrations
APPROVED

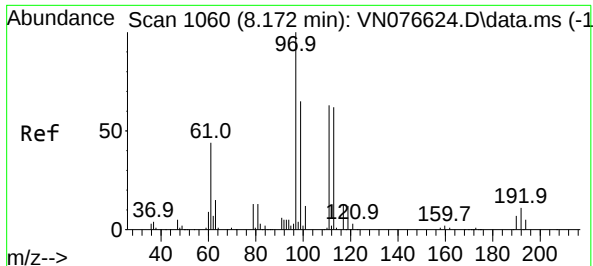
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Tgt Ion:114 Resp: 688614
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 45.884 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN076628.D

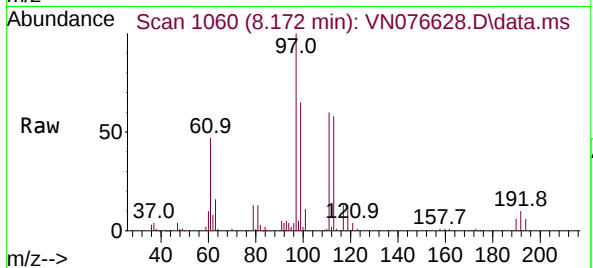
Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323



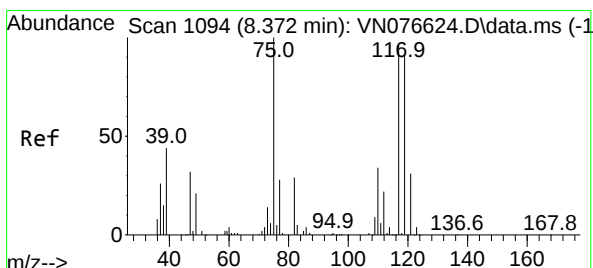
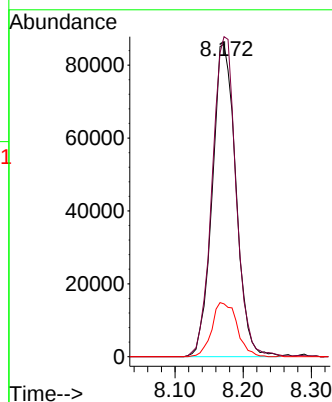
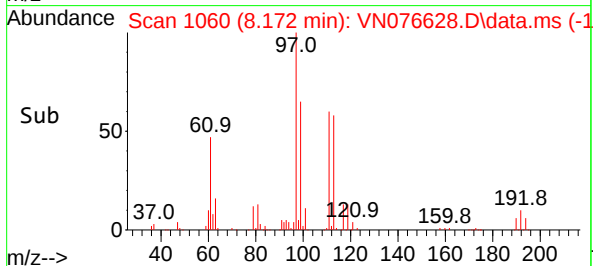
Tgt Ion:	113	Resp:	20691
Ion Ratio	Lower	Upper	
113	100		
111	103.6	83.1	124.7
192	18.4	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#36

1,1-Dichloropropene

Concen: 49.614 ug/l

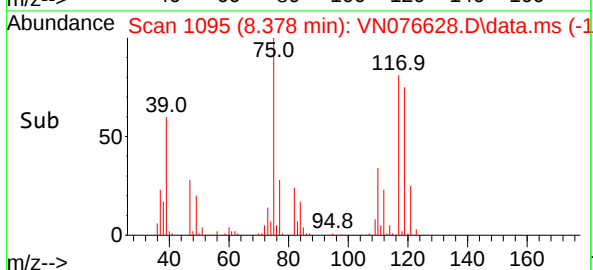
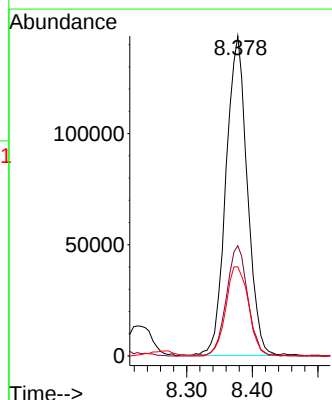
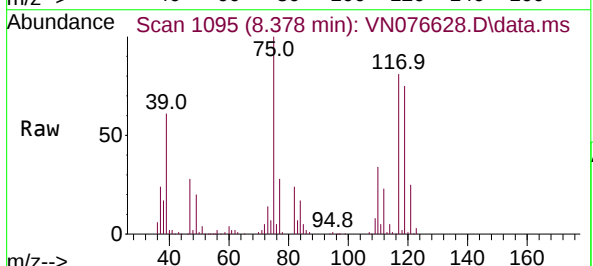
RT: 8.378 min Scan# 1095

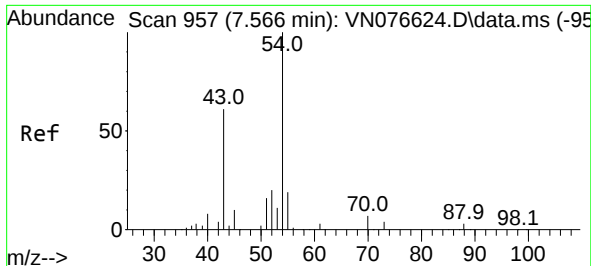
Delta R.T. 0.006 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

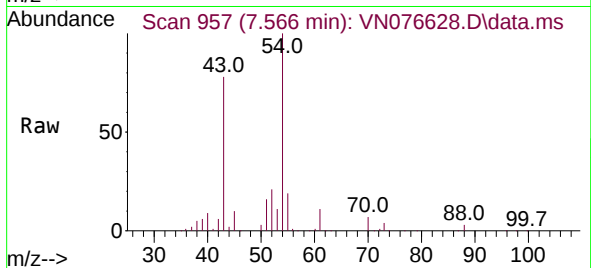
Tgt Ion:	75	Resp:	323263
Ion Ratio	Lower	Upper	
75	100		
110	34.4	17.5	52.5
77	30.1	24.5	36.7





#37
Ethyl Acetate
Concen: 52.009 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

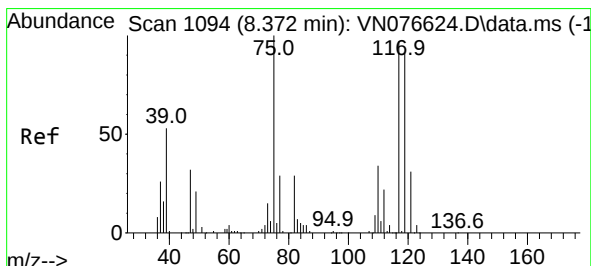
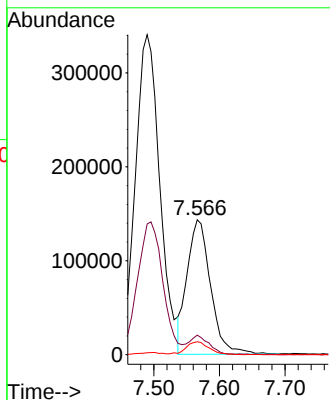
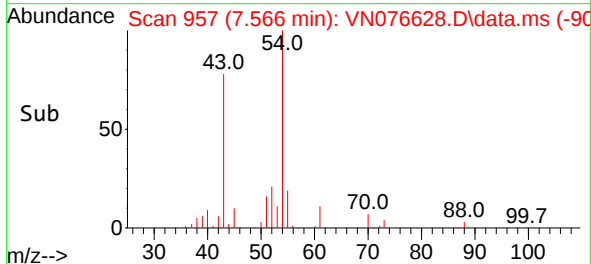
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 43 Resp: 356530
Ion Ratio Lower Upper
43 100
61 12.2 9.9 14.9
70 9.4 7.8 11.6

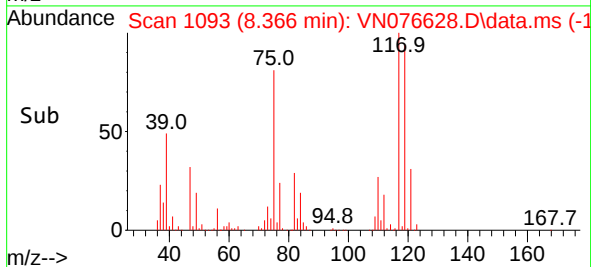
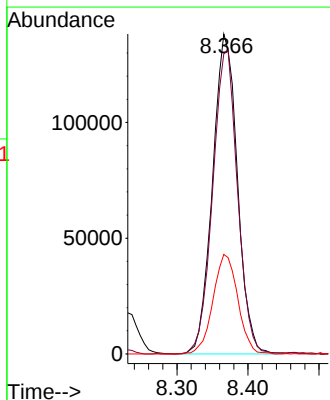
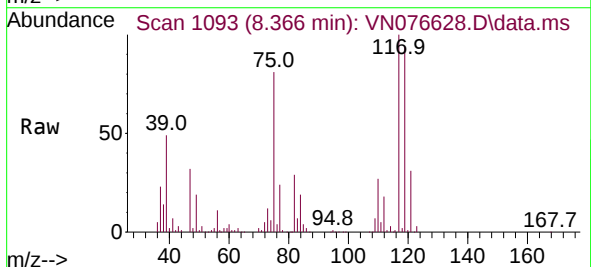
Manual Integrations
APPROVED

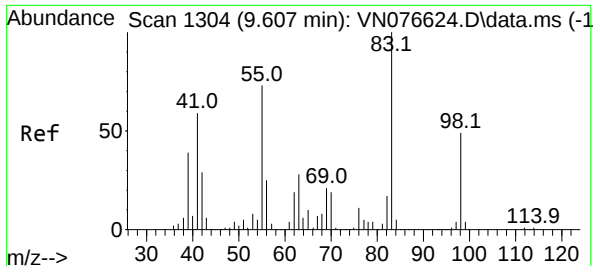
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Carbon Tetrachloride
Concen: 50.958 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Tgt Ion:117 Resp: 334941
Ion Ratio Lower Upper
117 100
119 93.7 75.4 113.0
121 31.1 26.0 39.0





#39

Methylcyclohexane

Concen: 54.040 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323

Tgt Ion: 83 Resp: 40023

Ion Ratio Lower Upper

83 100

55 70.3 58.6 88.0

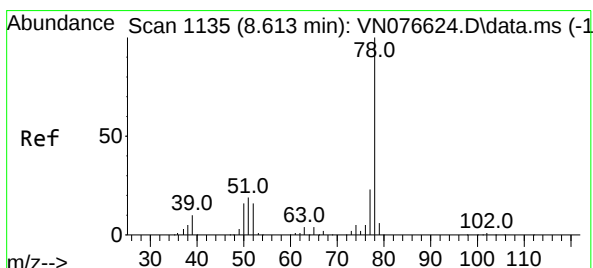
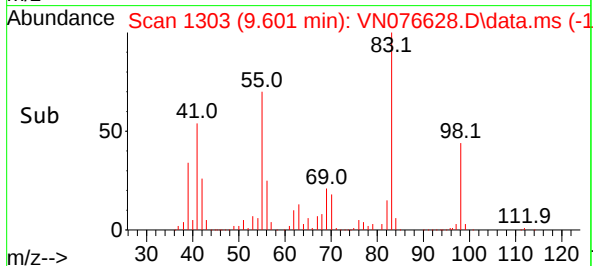
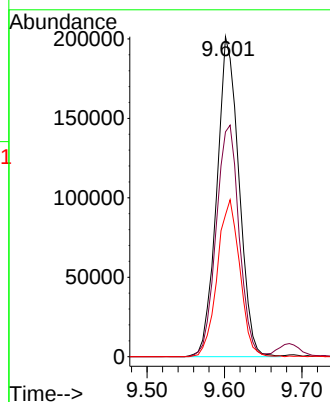
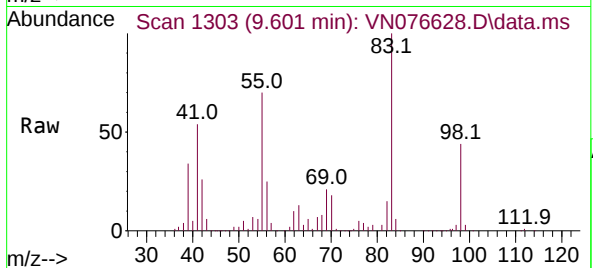
98 44.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 49.858 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN076628.D

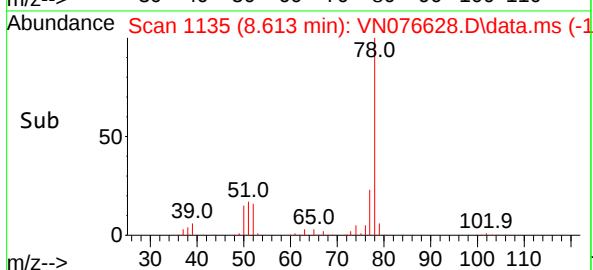
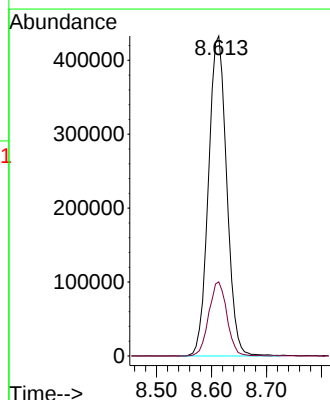
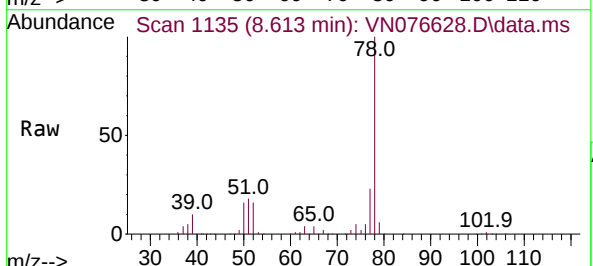
Acq: 13 Feb 2023 13:27

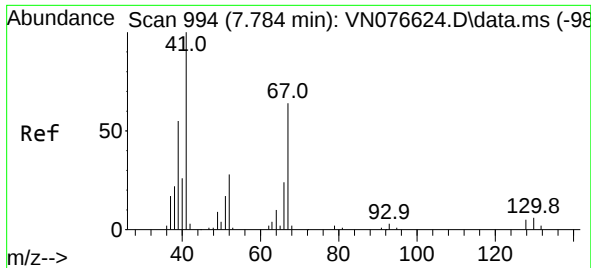
Tgt Ion: 78 Resp: 997616

Ion Ratio Lower Upper

78 100

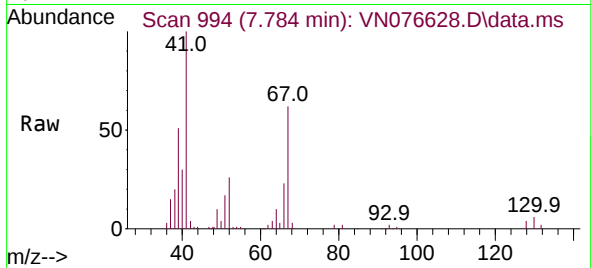
77 23.2 18.2 27.4





#41
Methacrylonitrile
Concen: 52.169 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

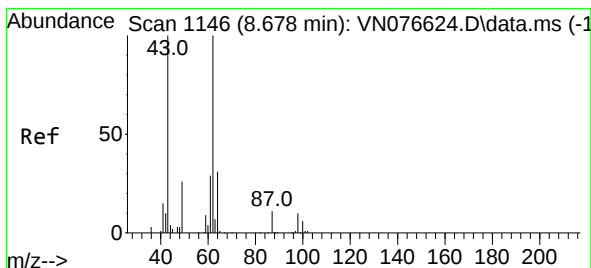
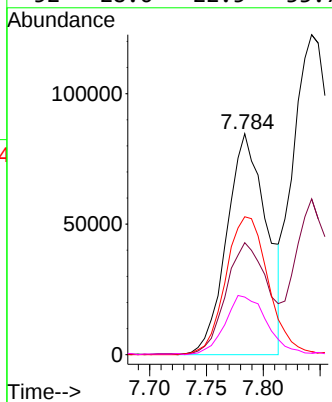
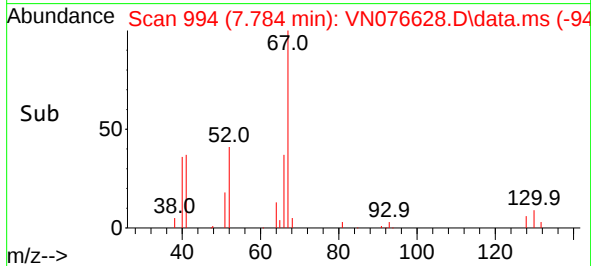
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN021323



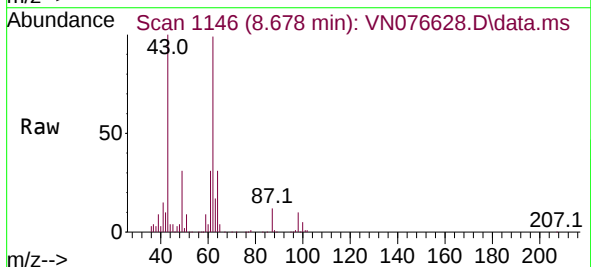
Tgt Ion: 41 Resp: 207185
Ion Ratio Lower Upper
41 100
39 52.0 42.6 63.8
67 66.4 51.4 77.0
52 28.6 22.5 33.7

Manual Integrations
APPROVED

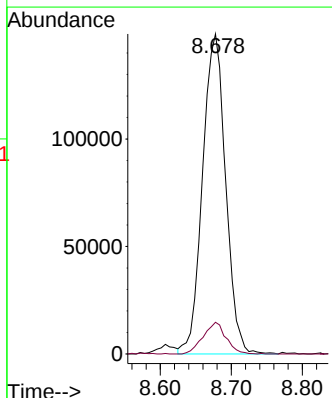
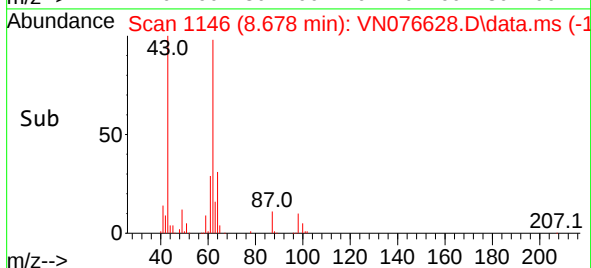
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

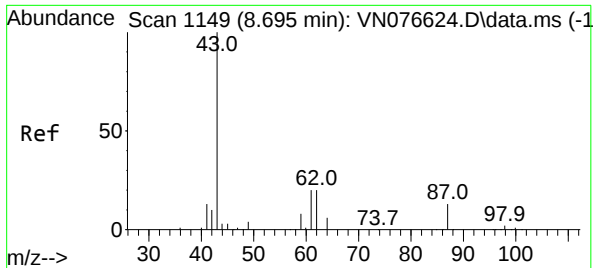


#42
1,2-Dichloroethane
Concen: 48.172 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



Tgt Ion: 62 Resp: 336172
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.2





#43

Isopropyl Acetate

Concen: 52.808 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076628.D

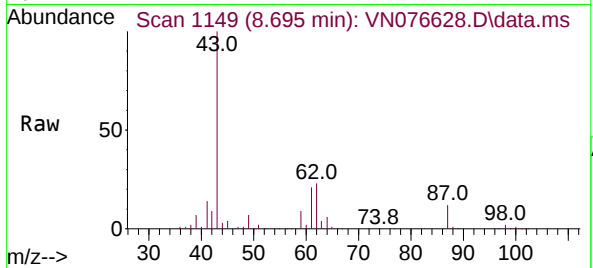
Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323



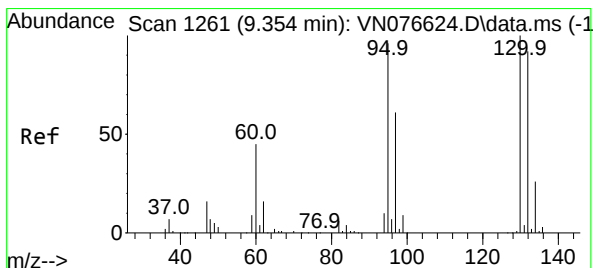
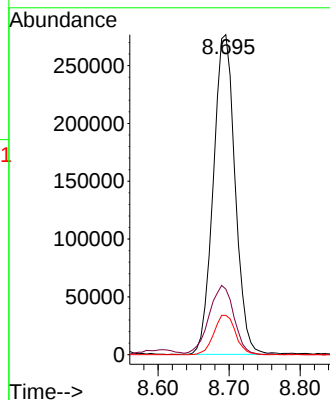
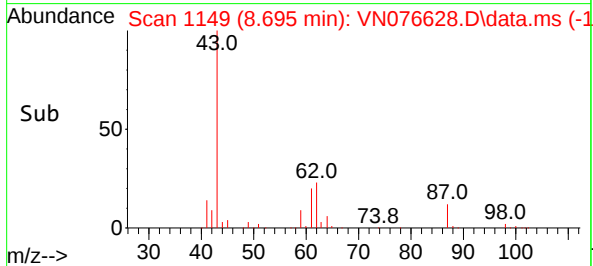
Tgt Ion:	43	Resp:	58908
Ion Ratio	100	Lower	Upper
43	100		
61	24.6	20.0	30.0
87	12.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#44

Trichloroethene

Concen: 51.752 ug/l

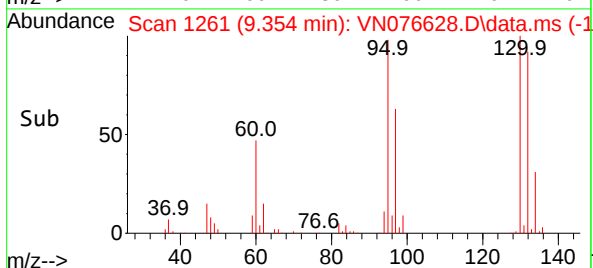
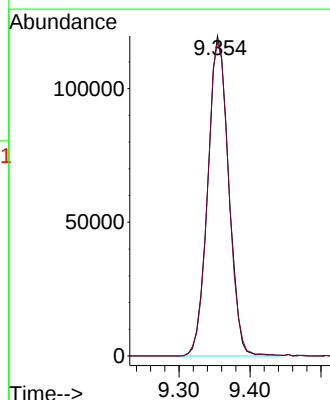
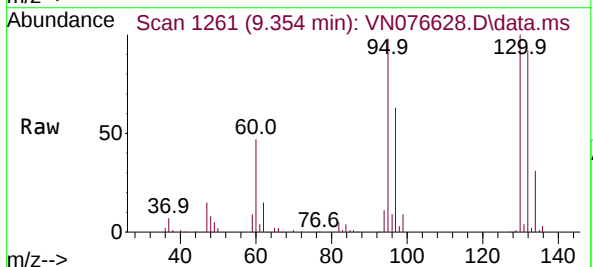
RT: 9.354 min Scan# 1261

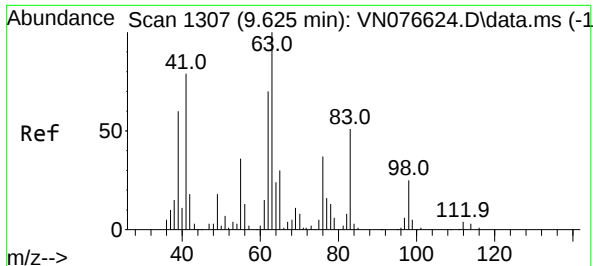
Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

Tgt Ion:	130	Resp:	244704
Ion Ratio	100	Lower	Upper
130	100		
95	98.1	0.0	191.4





#45

1,2-Dichloropropane

Concen: 48.704 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323

Tgt Ion: 63 Resp: 25797

Ion Ratio Lower Upper

63 100

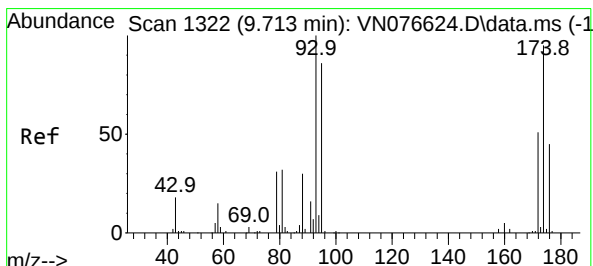
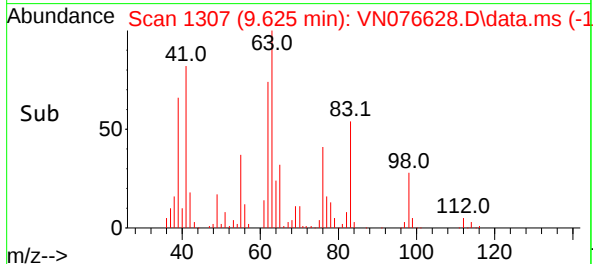
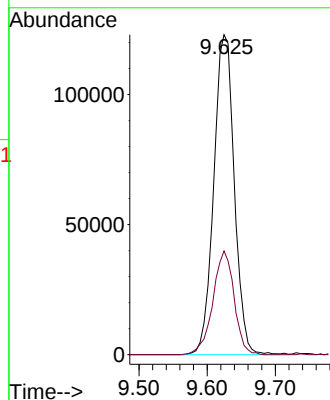
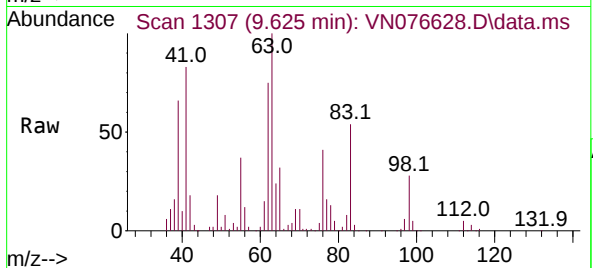
65 32.4 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#46

Dibromomethane

Concen: 49.895 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

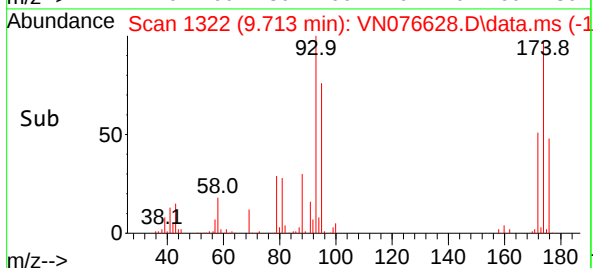
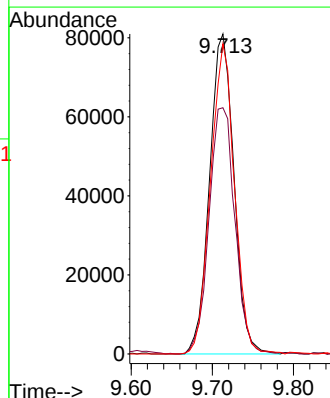
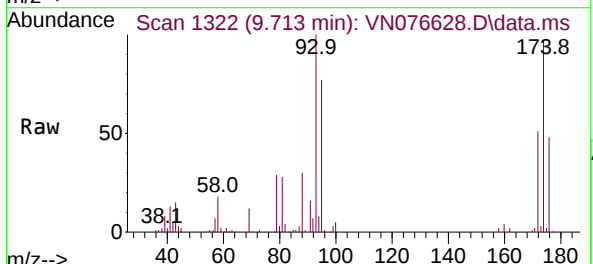
Tgt Ion: 93 Resp: 168958

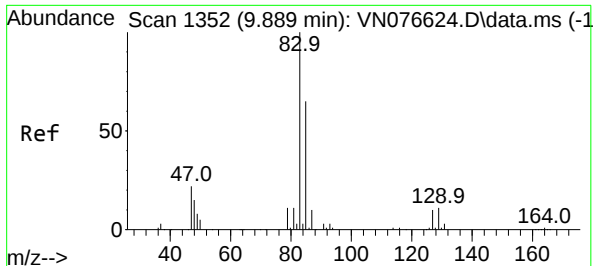
Ion Ratio Lower Upper

93 100

95 81.6 66.0 99.0

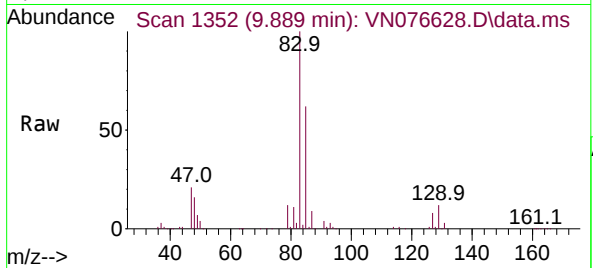
174 95.2 75.8 113.8





#47
Bromodichloromethane
Concen: 50.566 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

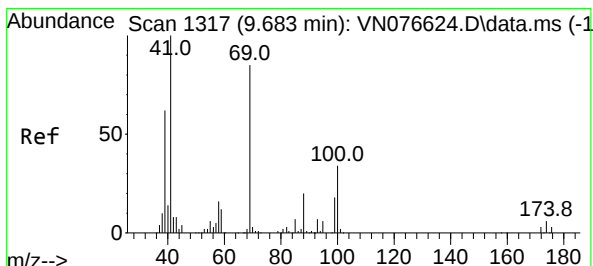
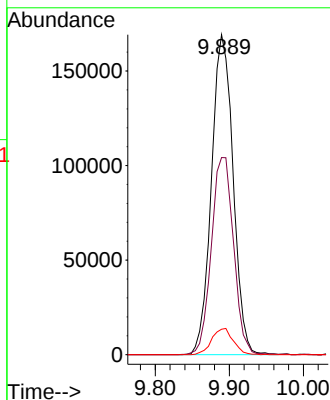
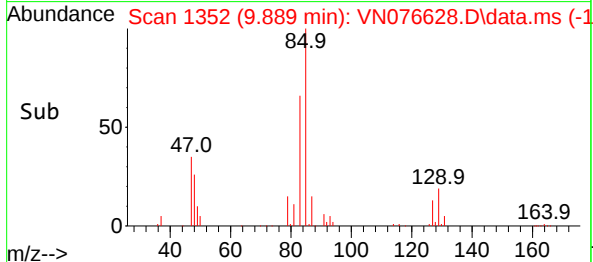
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 83 Resp: 343298
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.6
127 8.0 7.9 11.9

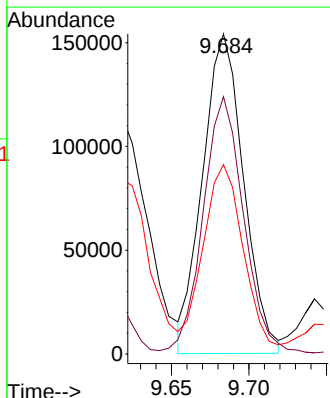
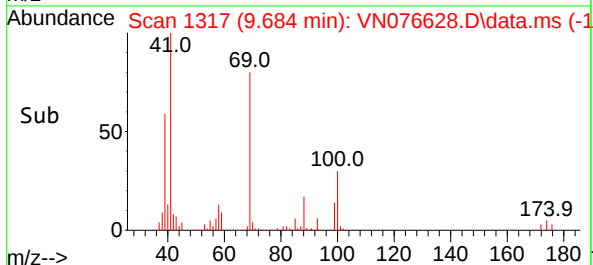
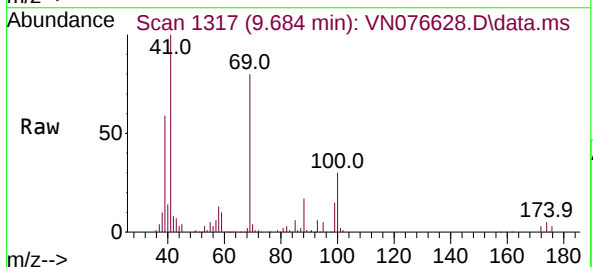
Manual Integrations
APPROVED

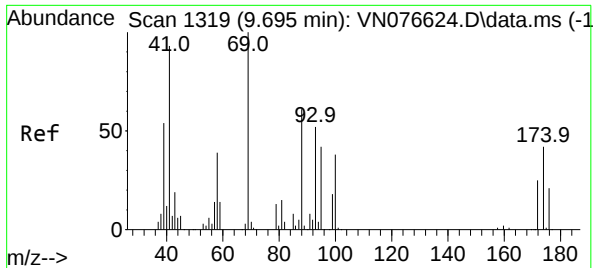
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#48
Methyl methacrylate
Concen: 53.484 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 41 Resp: 283111
Ion Ratio Lower Upper
41 100
69 79.2 65.4 98.0
39 59.1 49.3 73.9





#49

1,4-Dioxane

Concen: 1027.039 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323

Tgt Ion: 88 Resp: 9404

Ion Ratio Lower Upper

88 100

43 29.0 22.6 33.8

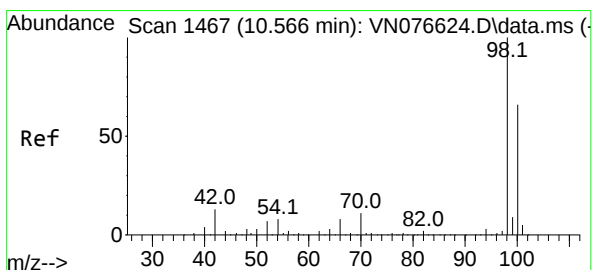
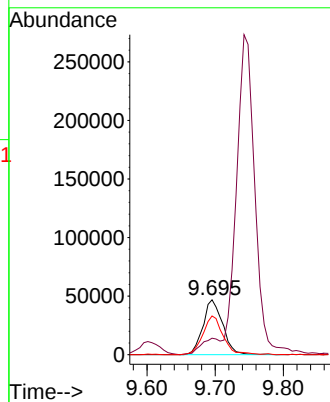
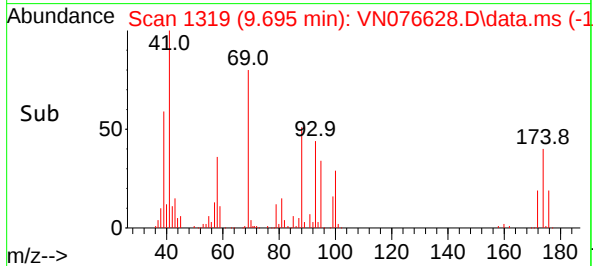
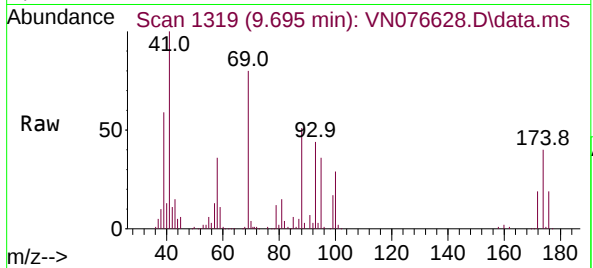
58 72.0 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 47.229 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076628.D

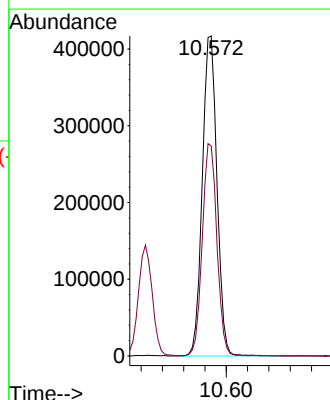
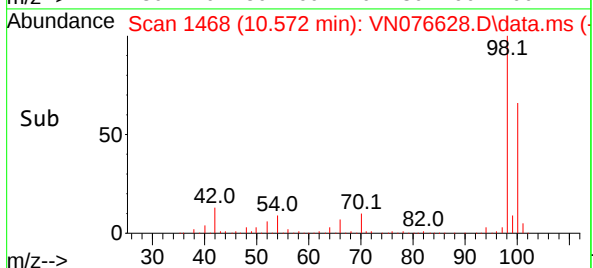
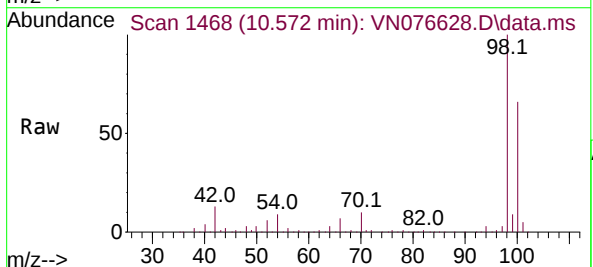
Acq: 13 Feb 2023 13:27

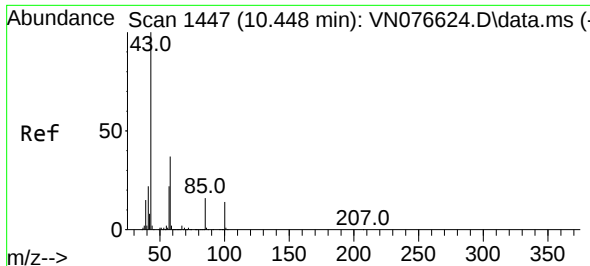
Tgt Ion: 98 Resp: 795393

Ion Ratio Lower Upper

98 100

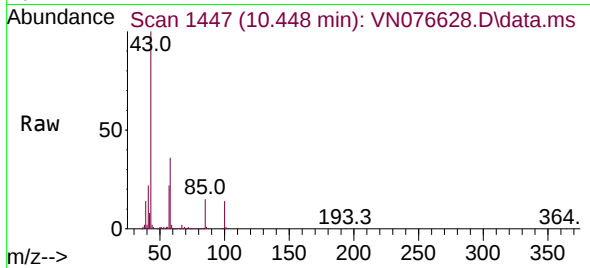
100 65.8 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 260.582 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

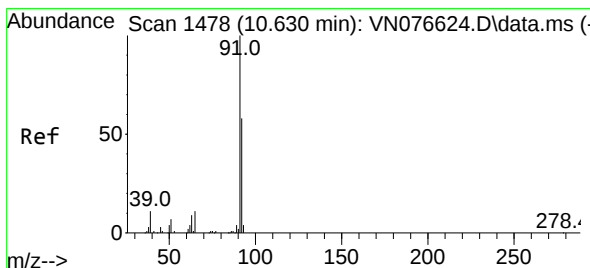
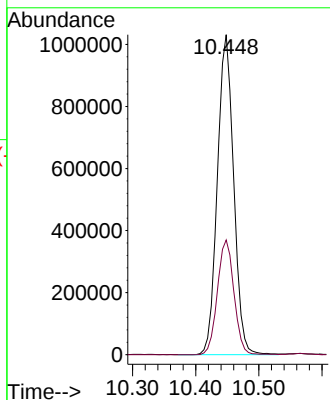
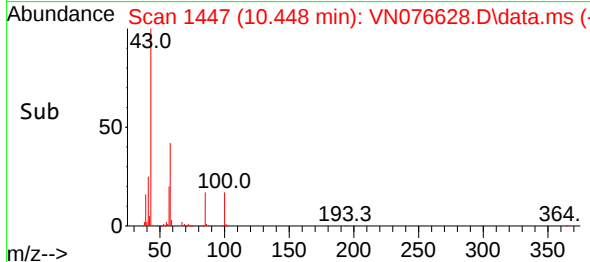
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



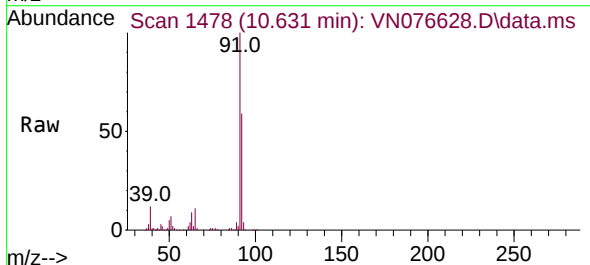
Tgt Ion: 43 Resp: 1849474
Ion Ratio Lower Upper
43 100
58 36.4 29.5 44.3

Manual Integrations
APPROVED

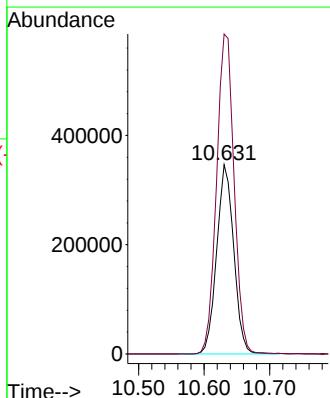
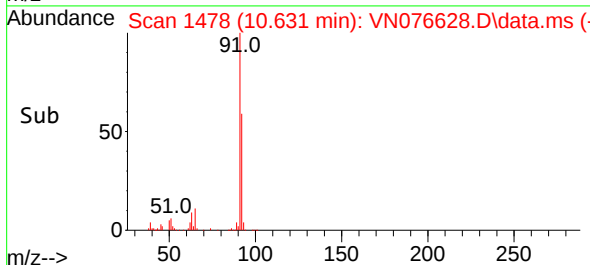
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

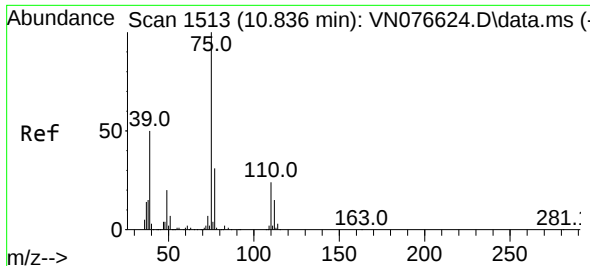


#52
Toluene
Concen: 51.694 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



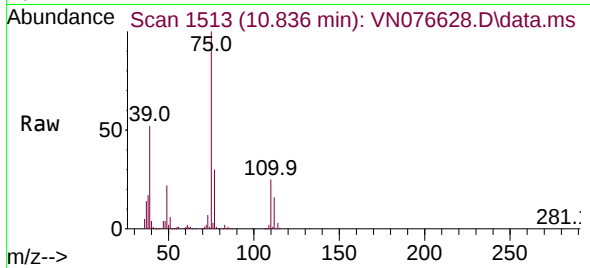
Tgt Ion: 92 Resp: 624480
Ion Ratio Lower Upper
92 100
91 173.8 138.0 207.0





#53
 t-1,3-Dichloropropene
 Concen: 56.019 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

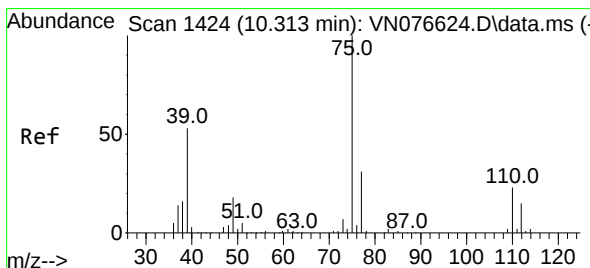
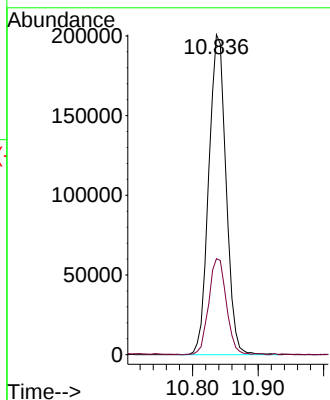
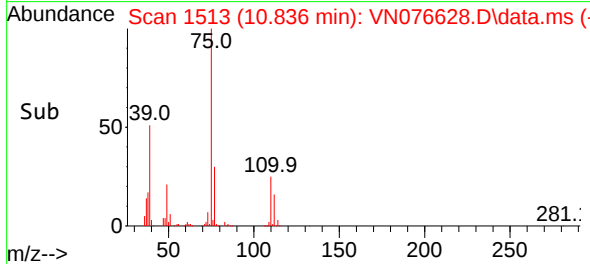
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323



Tgt Ion: 75 Resp: 367083
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.6 37.0

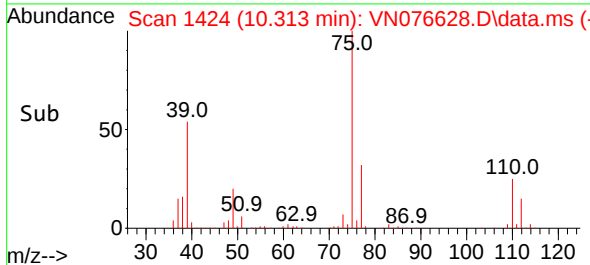
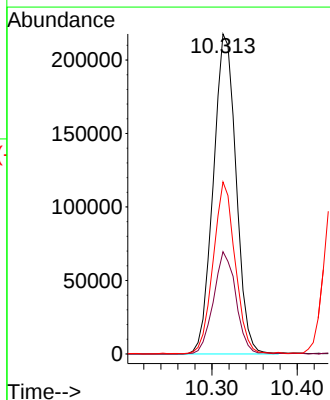
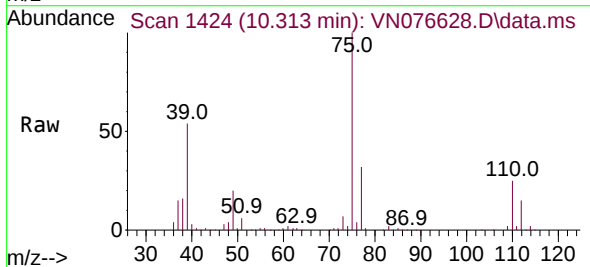
Manual Integrations
 APPROVED

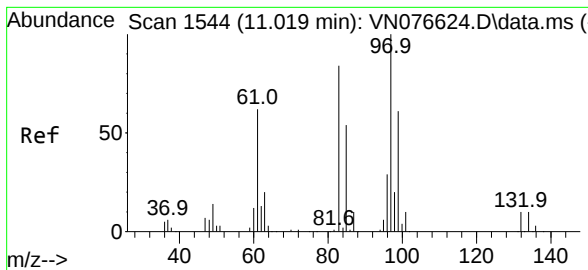
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.568 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

Tgt Ion: 75 Resp: 404893
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7
 39 53.6 42.3 63.5





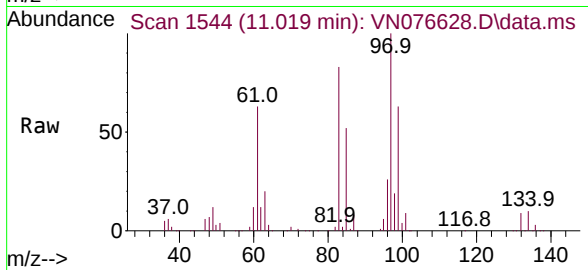
#55
1,1,2-Trichloroethane
Concen: 49.992 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323



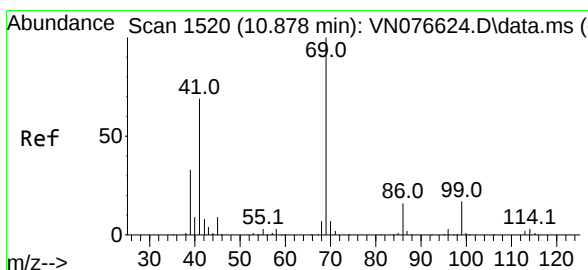
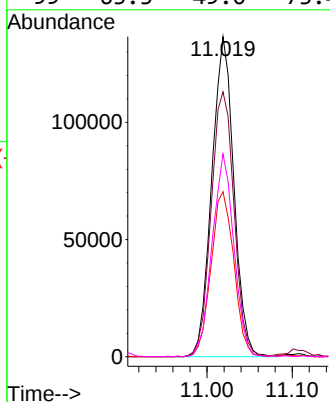
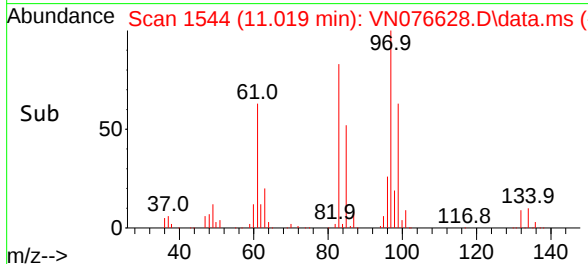
Tgt Ion: 97 Resp: 24557
Ion Ratio Lower Upper
97 100
83 82.6 67.3 100.9
85 51.6 43.2 64.8
99 63.3 49.0 73.4

Manual Integrations

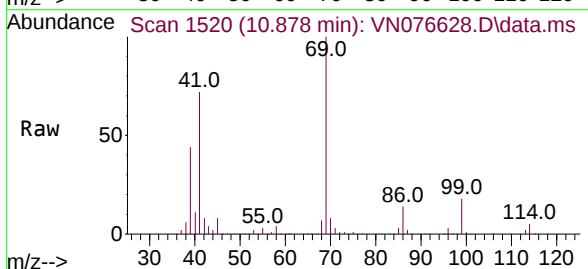
APPROVED

Reviewed By :John Carlone 02/14/2023

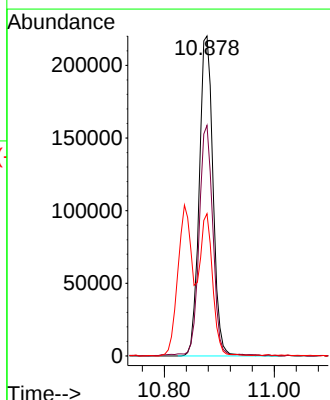
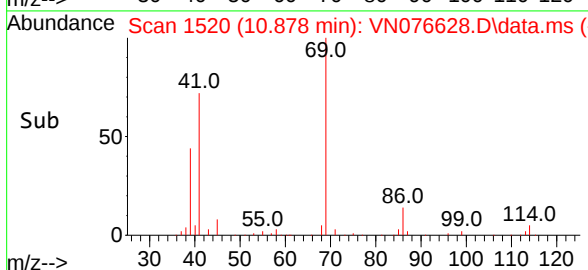
Supervised By :Mahesh Dadoda 02/14/2023

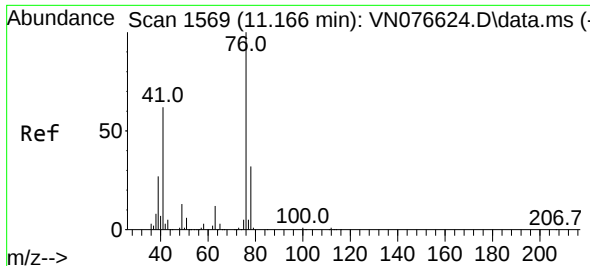


#56
Ethyl methacrylate
Concen: 55.339 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



Tgt Ion: 69 Resp: 382637
Ion Ratio Lower Upper
69 100
41 72.1 55.1 82.7
39 38.3 30.7 46.1





#57

1,3-Dichloropropane

Concen: 49.898 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN076628.D

Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

ICVVN021323

Tgt Ion: 76 Resp: 42111

Ion Ratio Lower Upper

76 100

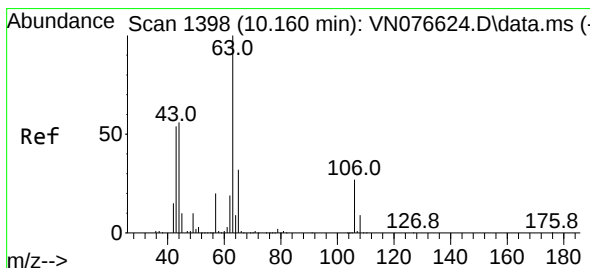
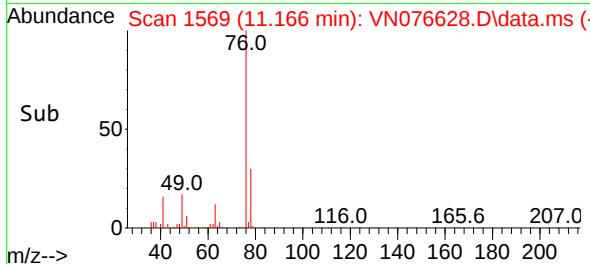
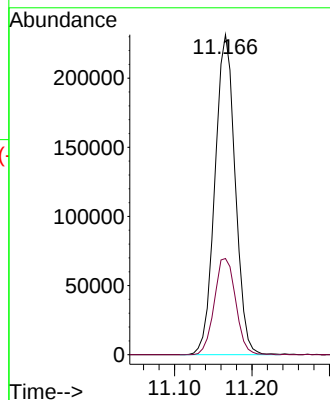
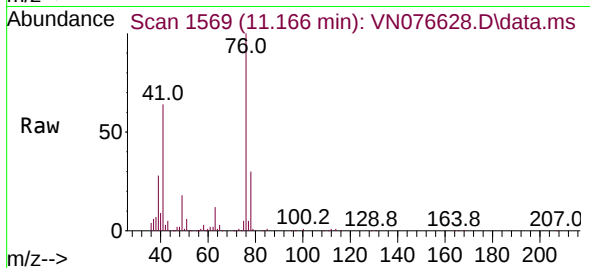
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 282.920 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN076628.D

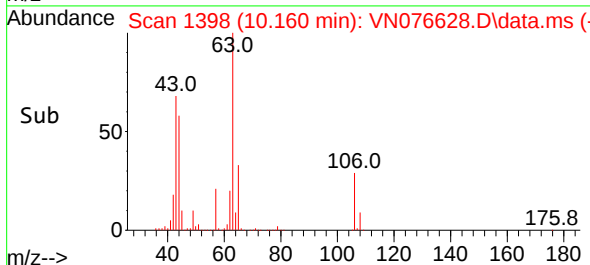
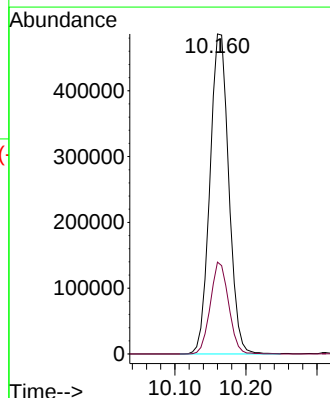
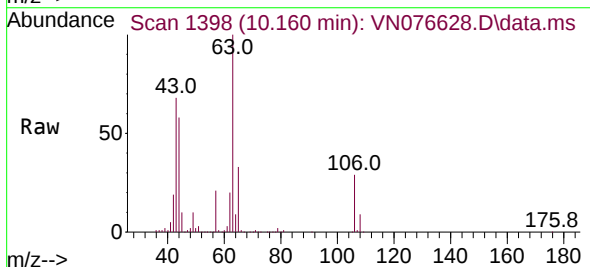
Acq: 13 Feb 2023 13:27

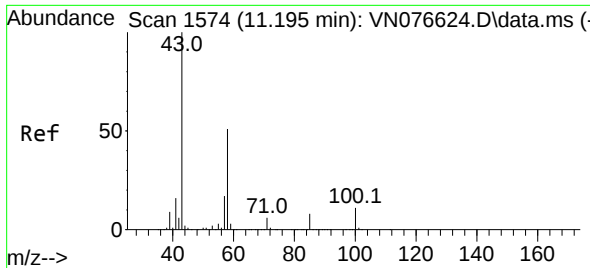
Tgt Ion: 63 Resp: 895897

Ion Ratio Lower Upper

63 100

106 27.8 22.3 33.5





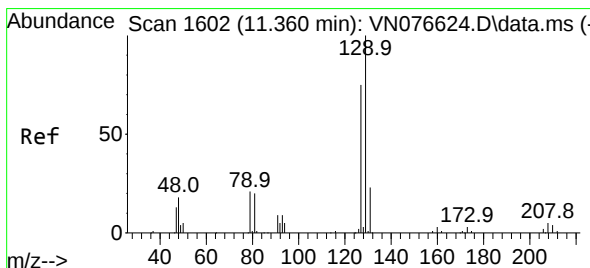
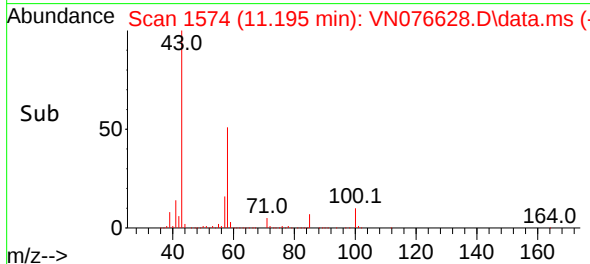
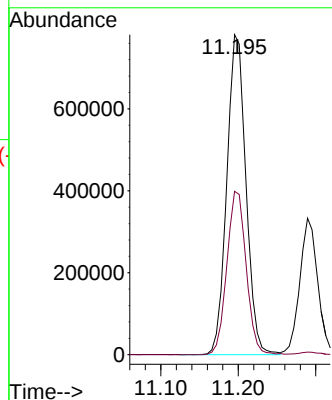
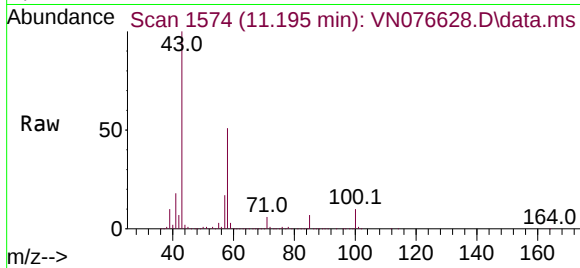
#59
2-Hexanone
Concen: 262.590 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323

Tgt Ion: 43 Resp: 134380
Ion Ratio Lower Upper
43 100
58 51.5 25.4 76.0

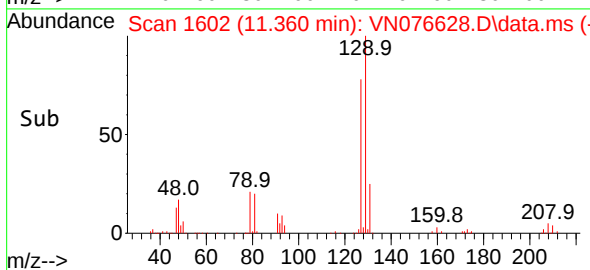
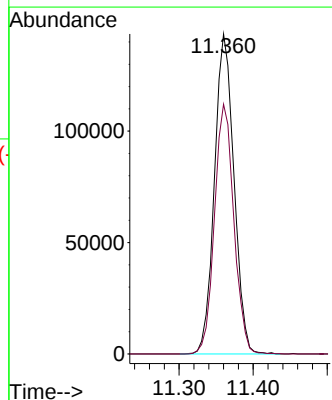
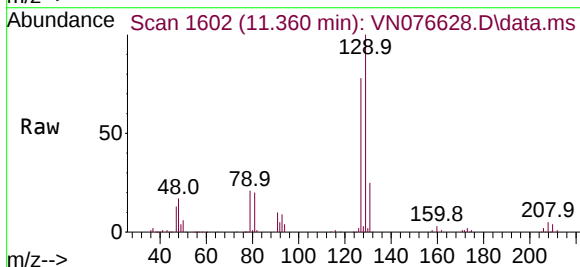
Manual Integrations
APPROVED

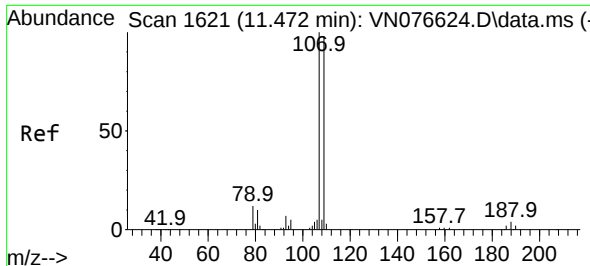
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
Dibromochloromethane
Concen: 50.674 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

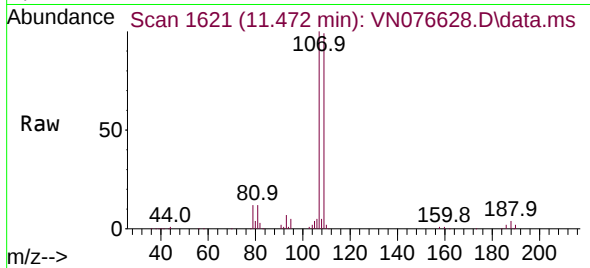
Tgt Ion:129 Resp: 262347
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.243 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

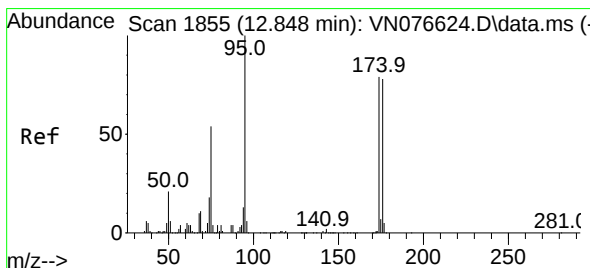
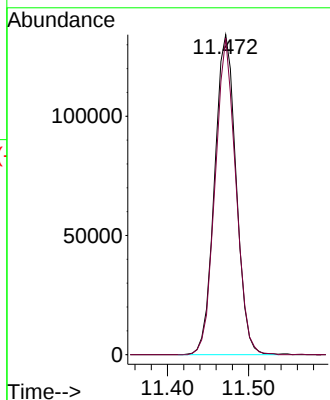
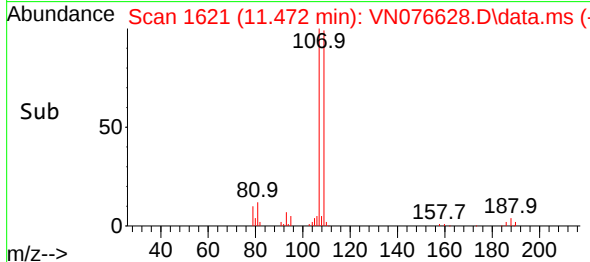
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion:107 Resp: 247039
Ion Ratio Lower Upper
107 100
109 95.2 76.8 115.2

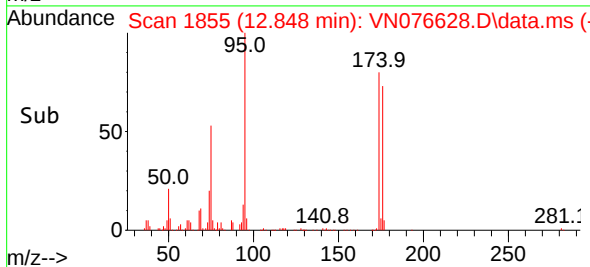
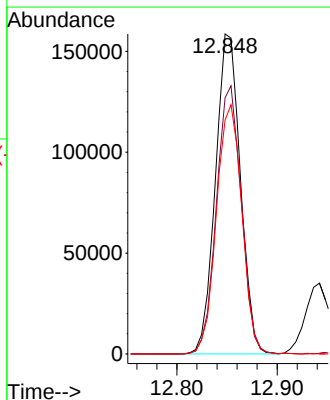
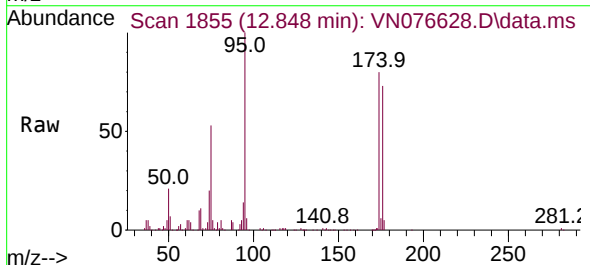
Manual Integrations
APPROVED

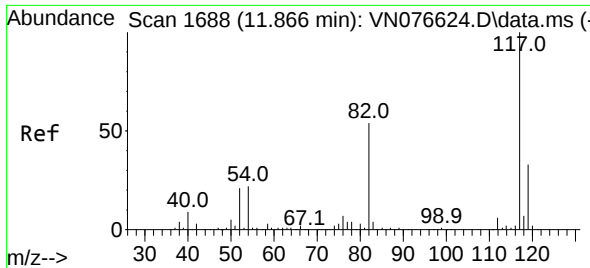
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#62
4-Bromofluorobenzene
Concen: 49.052 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

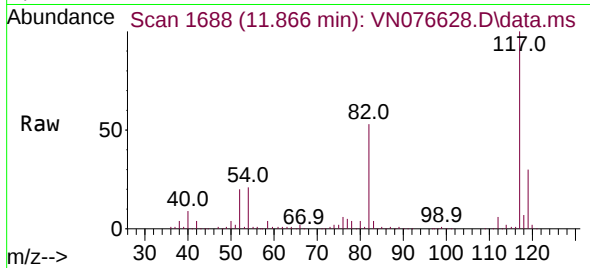
Tgt Ion: 95 Resp: 273610
Ion Ratio Lower Upper
95 100
174 83.9 0.0 169.2
176 79.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

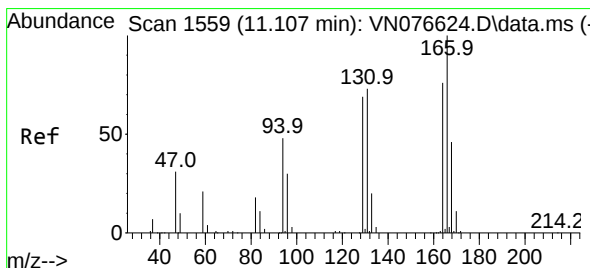
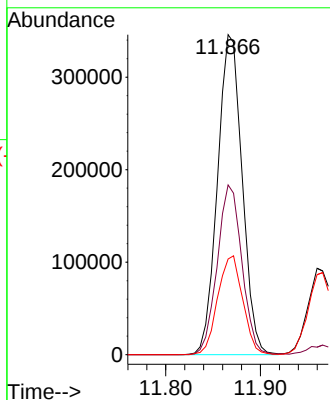
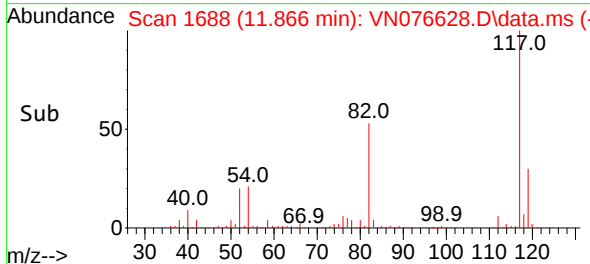
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



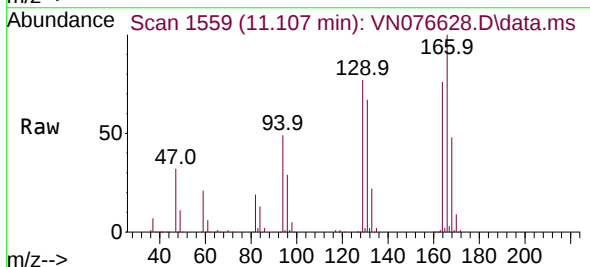
Tgt Ion:117 Resp: 626390
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.2
119 29.9 26.1 39.1

Manual Integrations
APPROVED

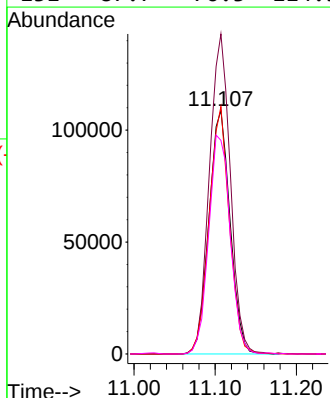
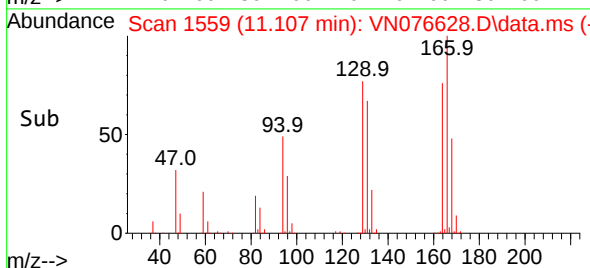
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

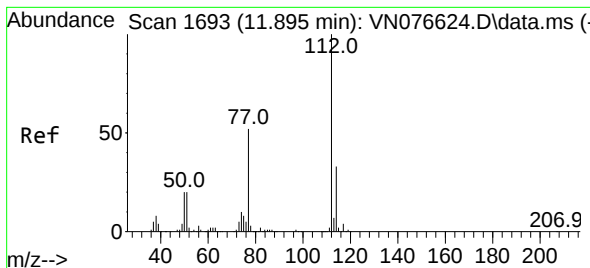


#64
Tetrachloroethene
Concen: 50.000 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



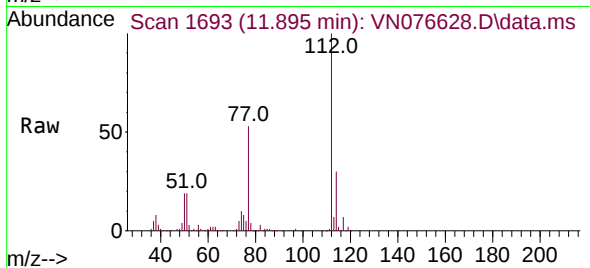
Tgt Ion:164 Resp: 197375
Ion Ratio Lower Upper
164 100
166 131.4 104.8 157.2
129 101.6 72.2 108.2
131 87.7 76.3 114.5





#65
Chlorobenzene
Concen: 50.264 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

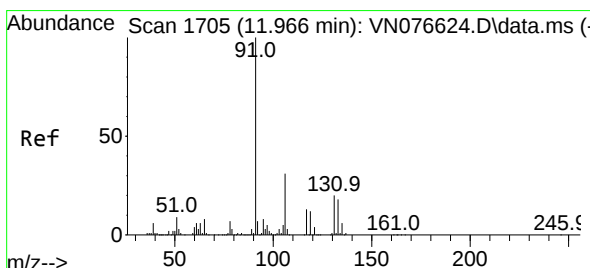
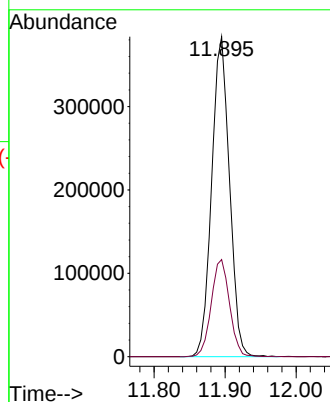
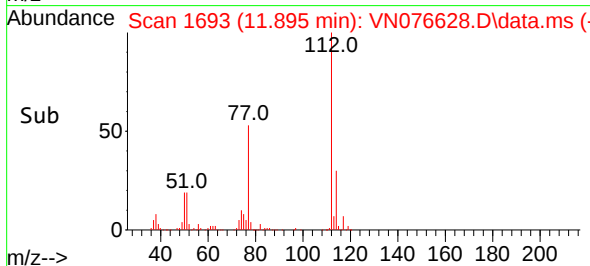
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



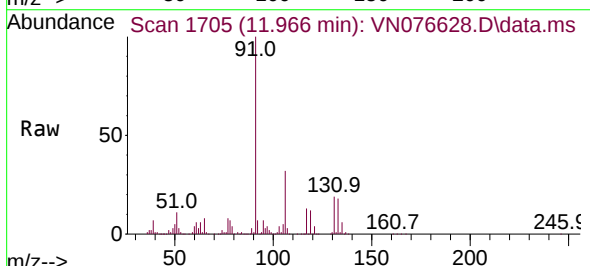
Tgt Ion:112 Resp: 667259
Ion Ratio Lower Upper
112 100
114 30.4 26.4 39.6

Manual Integrations
APPROVED

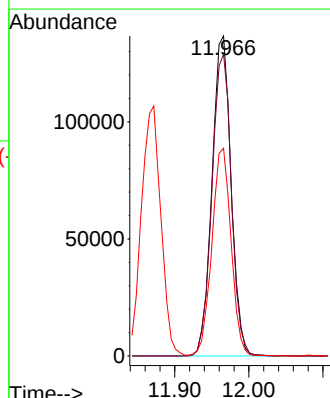
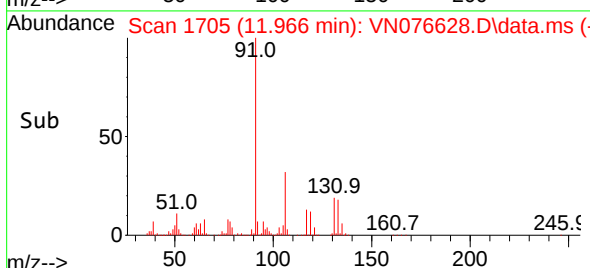
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

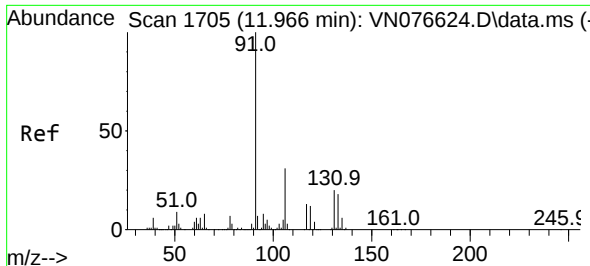


#66
1,1,1,2-Tetrachloroethane
Concen: 50.525 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



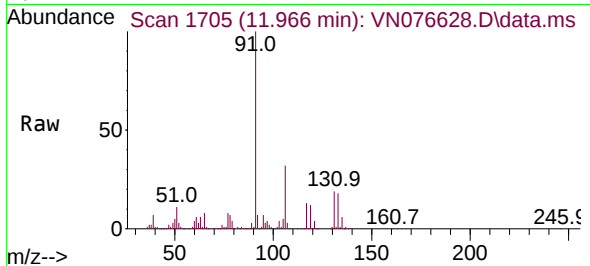
Tgt Ion:131 Resp: 243622
Ion Ratio Lower Upper
131 100
133 96.2 47.0 141.0
119 65.4 32.3 96.8





#67
Ethyl Benzene
Concen: 52.405 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

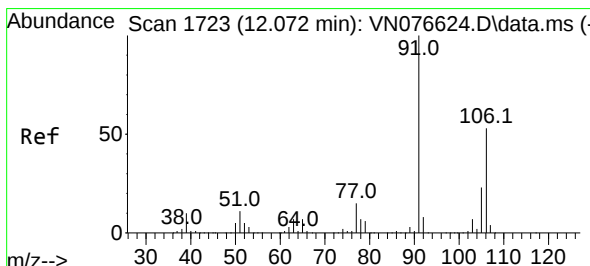
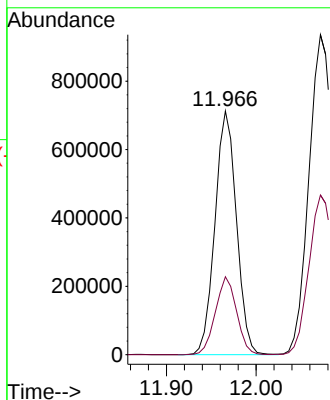
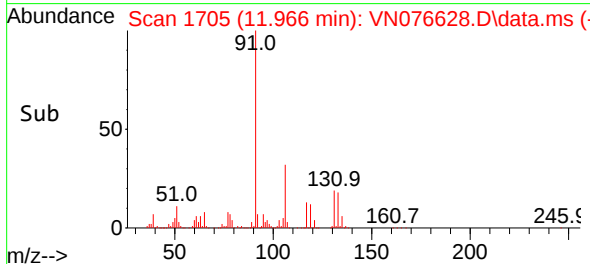
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



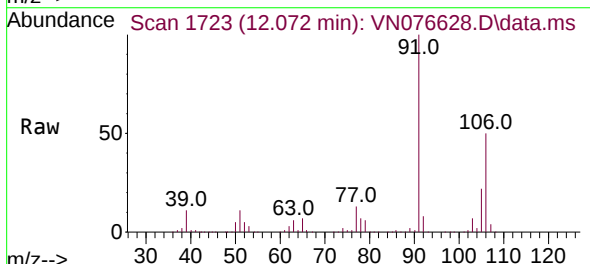
Tgt Ion: 91 Resp: 118520
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7

Manual Integrations
APPROVED

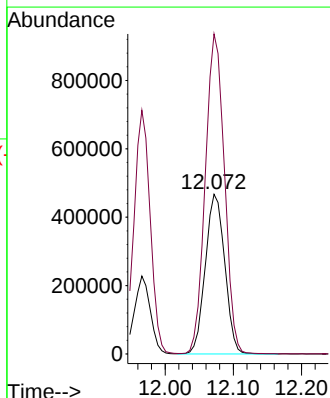
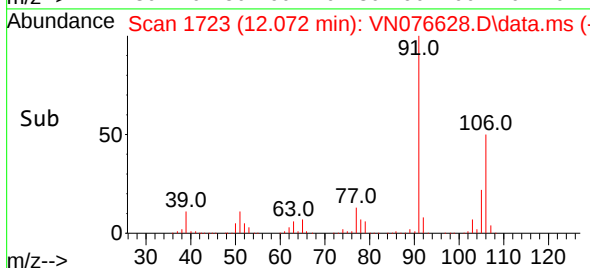
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

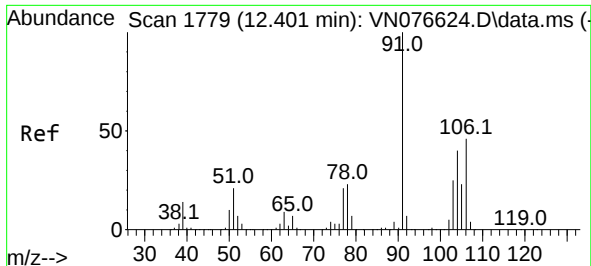


#68
m/p-Xylenes
Concen: 106.269 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



Tgt Ion:106 Resp: 926408
Ion Ratio Lower Upper
106 100
91 197.5 154.7 232.1





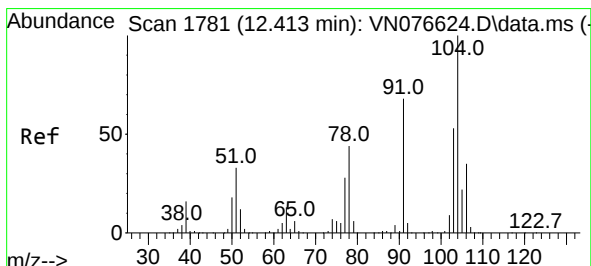
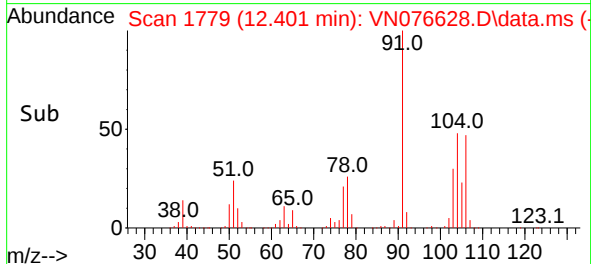
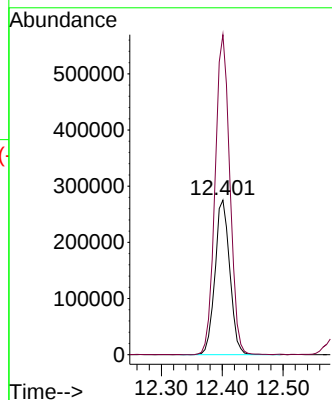
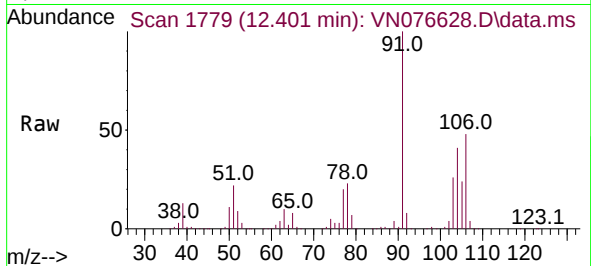
#69
o-Xylene
Concen: 54.417 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323

Tgt Ion:106 Resp: 46265
Ion Ratio Lower Upper
106 100
91 207.0 105.8 317.4

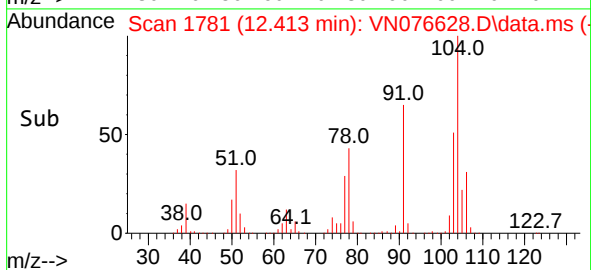
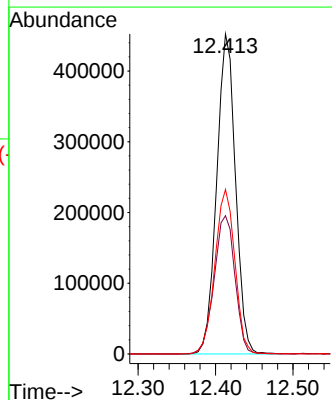
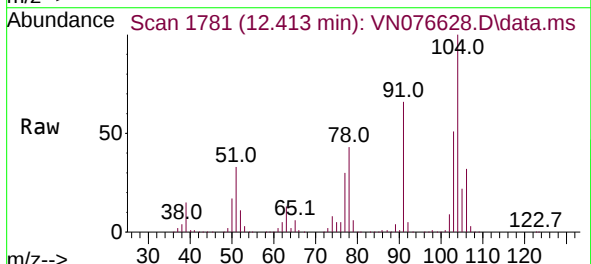
Manual Integrations
APPROVED

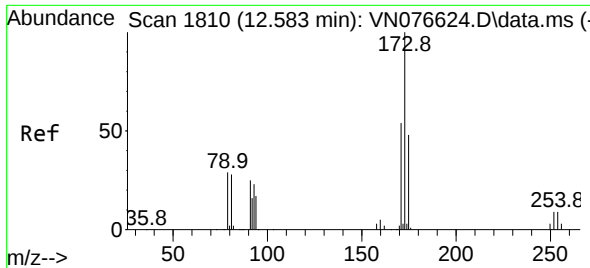
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 55.492 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

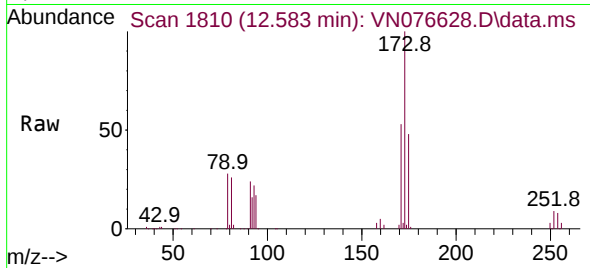
Tgt Ion:104 Resp: 762938
Ion Ratio Lower Upper
104 100
78 47.9 38.2 57.4
103 54.7 44.2 66.4





#71
Bromoform
Concen: 54.362 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

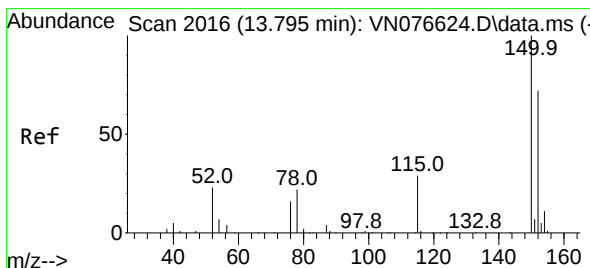
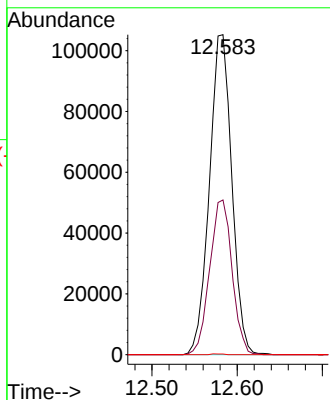
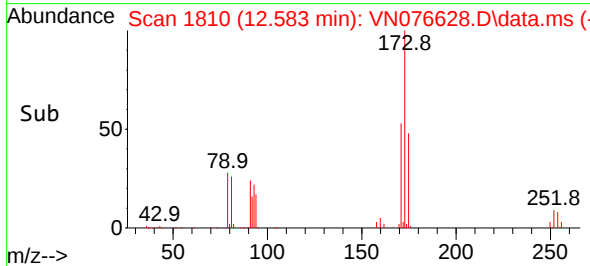
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



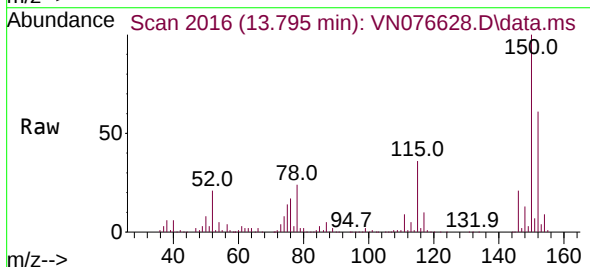
Tgt Ion:173 Resp: 192274
Ion Ratio Lower Upper
173 100
175 48.3 24.9 74.7
254 0.1 0.1 0.1

Manual Integrations
APPROVED

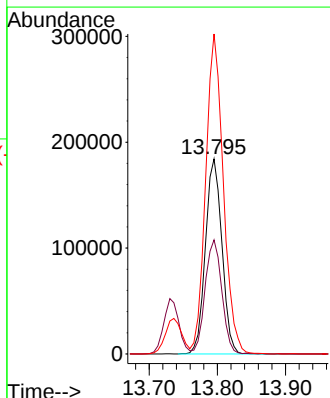
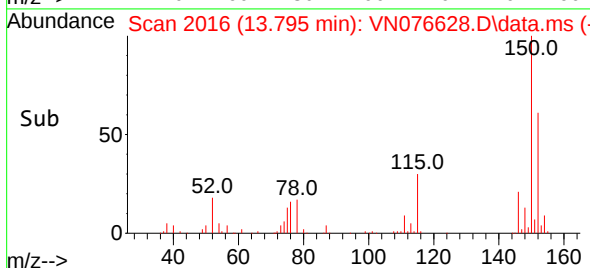
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

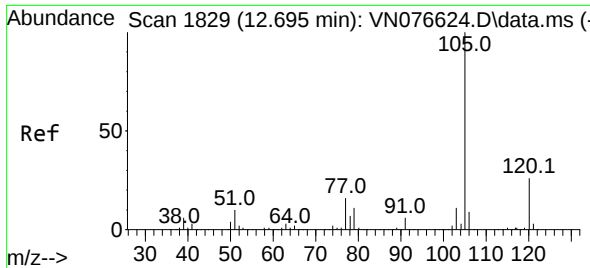


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



Tgt Ion:152 Resp: 310823
Ion Ratio Lower Upper
152 100
115 59.1 29.3 87.9
150 175.3 0.0 349.8





#73
Isopropylbenzene
Concen: 53.020 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

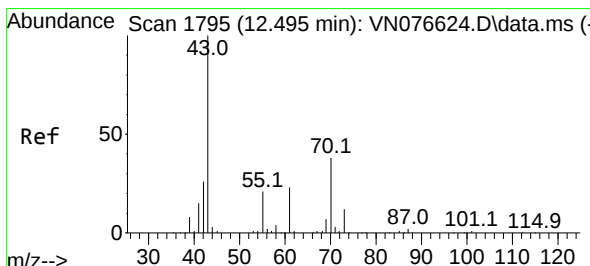
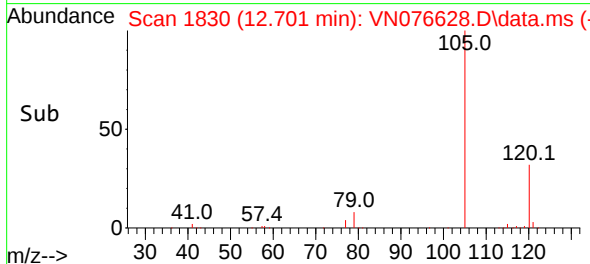
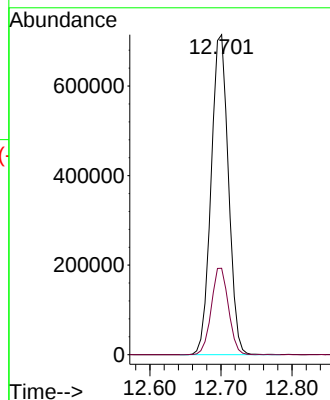
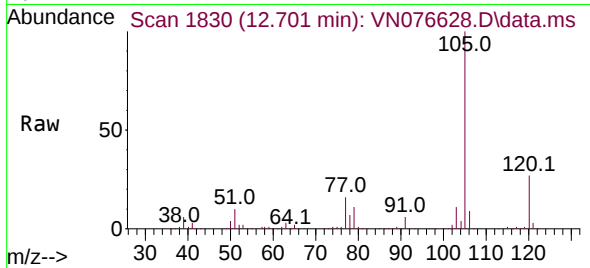
ICVVN021323

Tgt Ion:105 Resp: 120790
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0

Manual Integrations

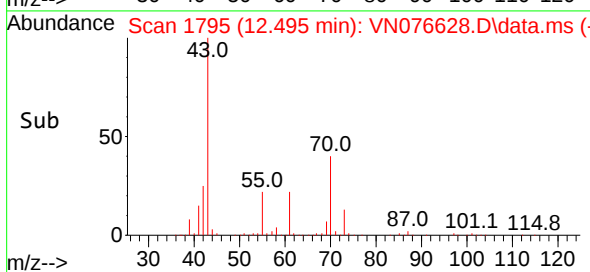
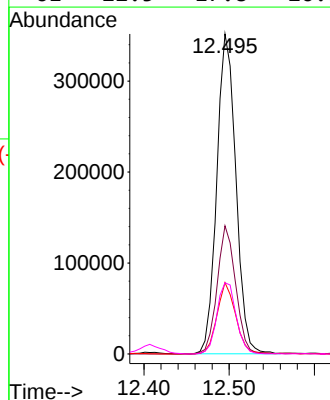
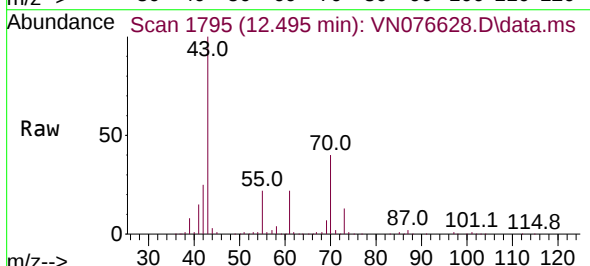
APPROVED

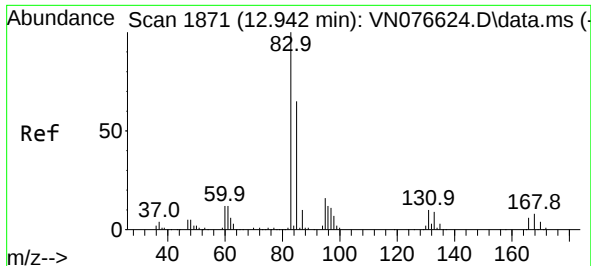
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#74
N-ethyl acetate
Concen: 53.260 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

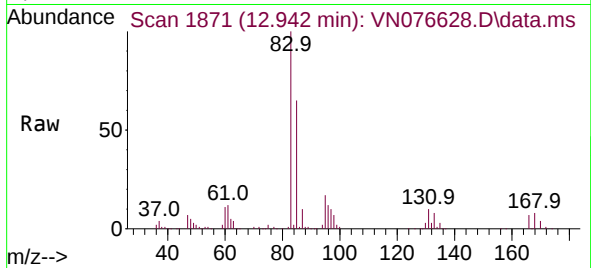
Tgt Ion: 43 Resp: 546925
Ion Ratio Lower Upper
43 100
70 39.0 30.5 45.7
55 21.8 17.8 26.8
61 22.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 45.404 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

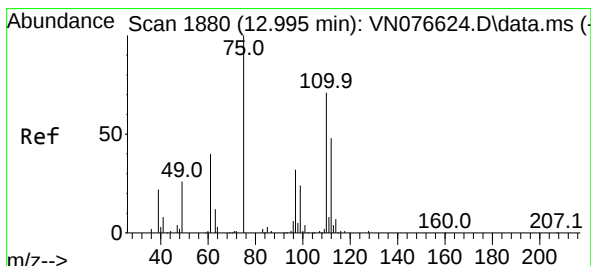
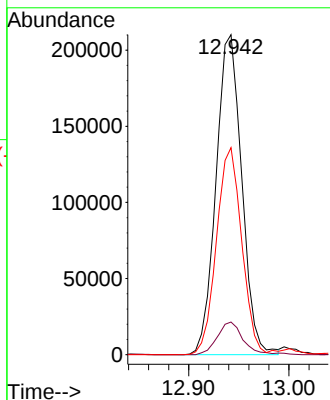
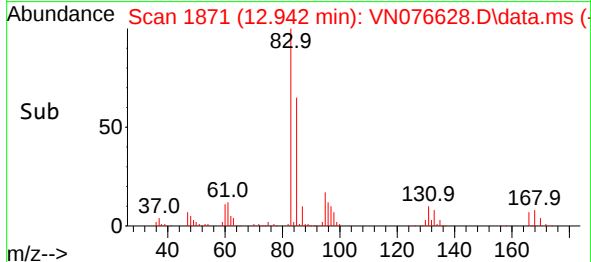
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



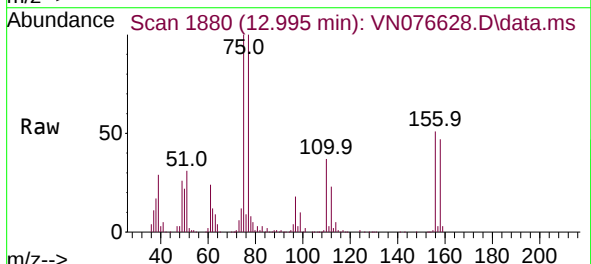
Tgt Ion: 83 Resp: 37443
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 63.3 31.8 95.3

Manual Integrations
APPROVED

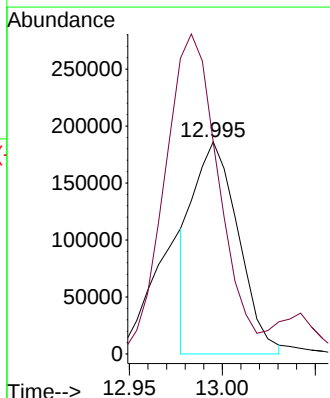
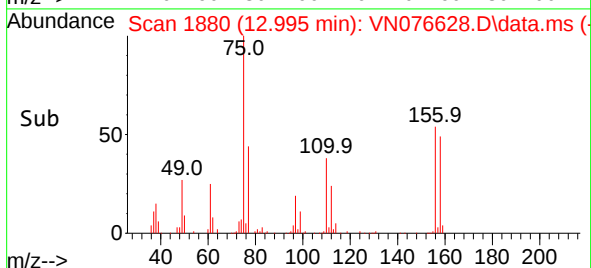
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

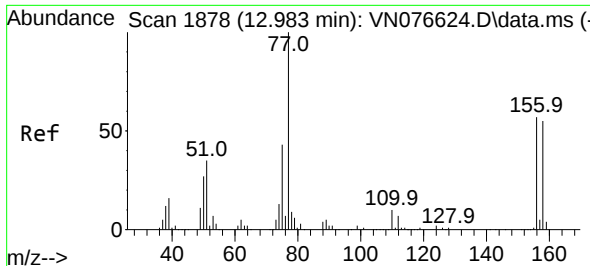


#76
1,2,3-Trichloropropane
Concen: 50.213 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



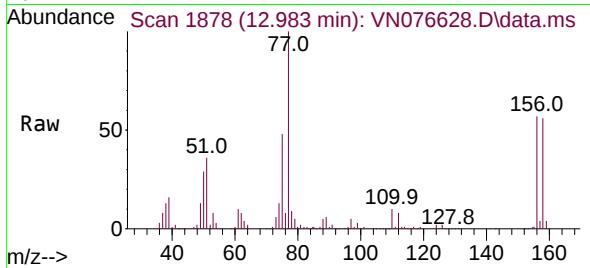
Tgt Ion: 75 Resp: 315539
Ion Ratio Lower Upper
75 100
77 179.5 93.1 279.3





#77
Bromobenzene
Concen: 49.697 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

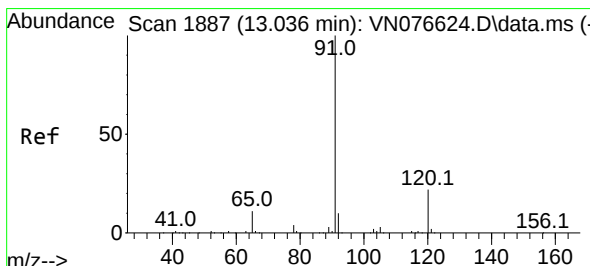
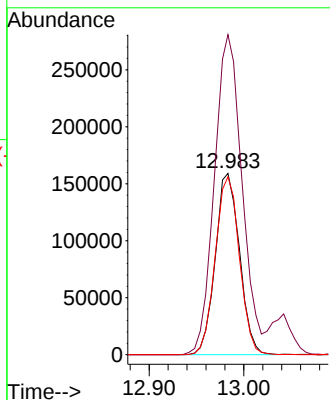
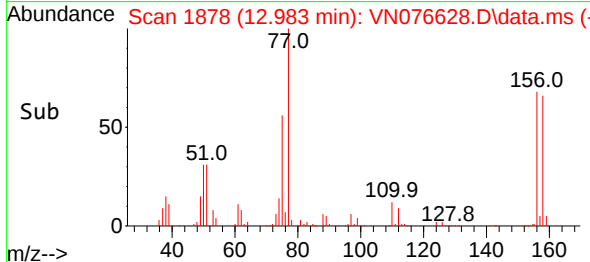
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion:156 Resp: 282482
Ion Ratio Lower Upper
156 100
77 200.6 102.8 308.4
158 98.1 48.9 146.6

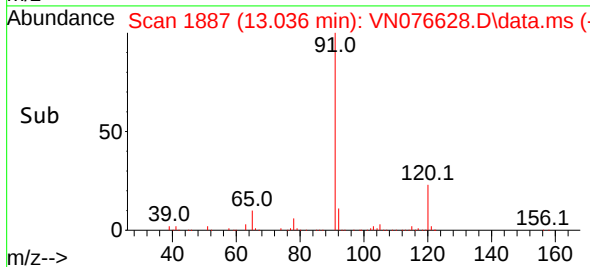
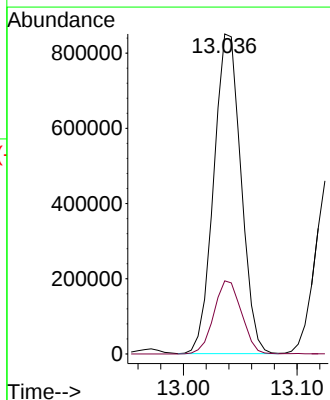
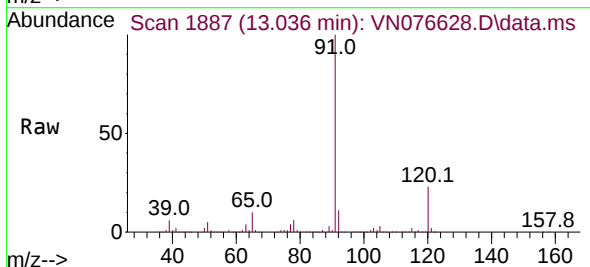
Manual Integrations
APPROVED

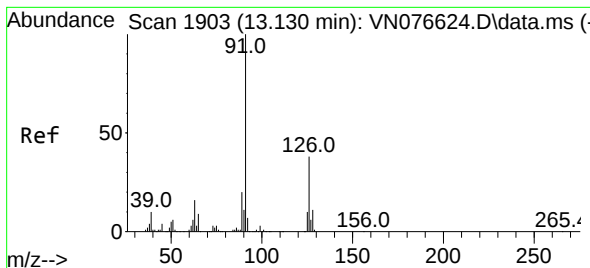
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#78
n-propylbenzene
Concen: 52.977 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Tgt Ion: 91 Resp: 1417249
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5





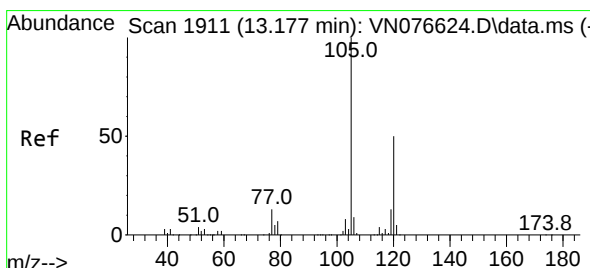
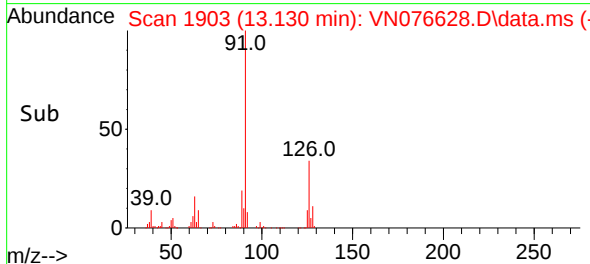
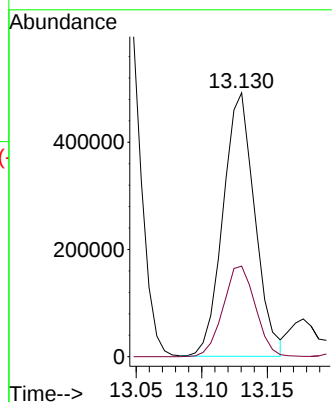
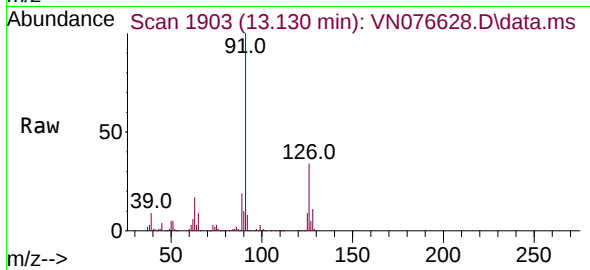
#79
2-Chlorotoluene
Concen: 50.676 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323

Tgt Ion: 91 Resp: 830072
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1

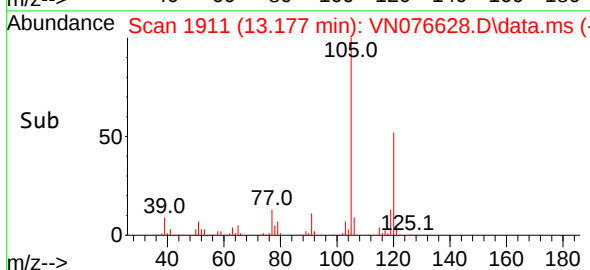
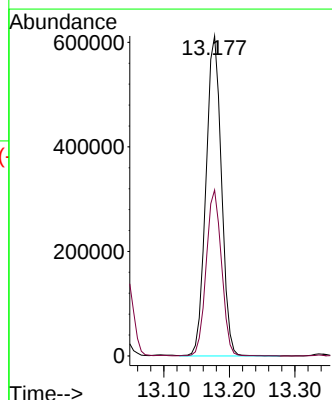
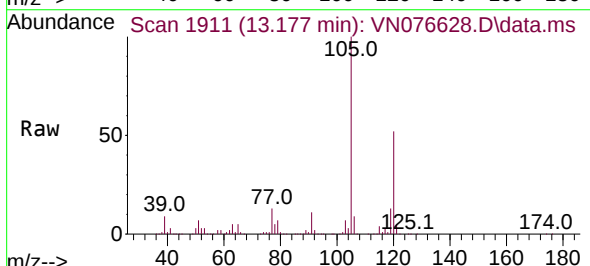
Manual Integrations
APPROVED

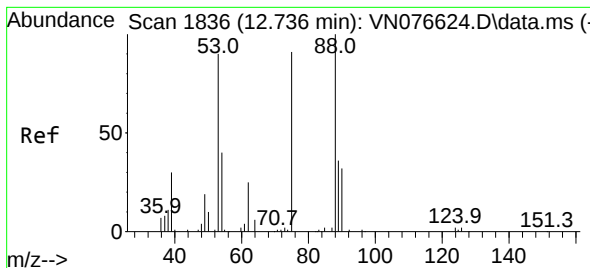
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.330 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

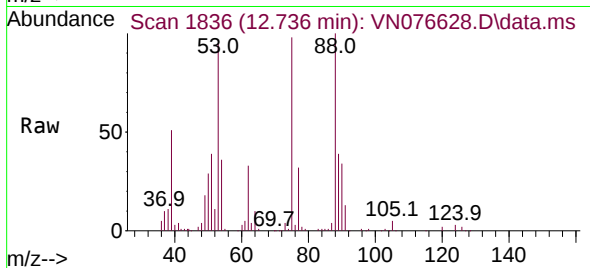
Tgt Ion:105 Resp: 1004108
Ion Ratio Lower Upper
105 100
120 51.3 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 52.613 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

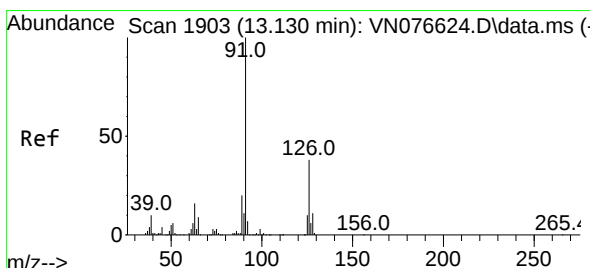
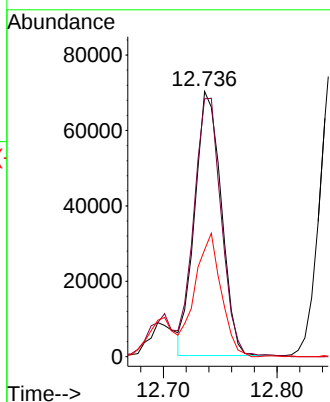
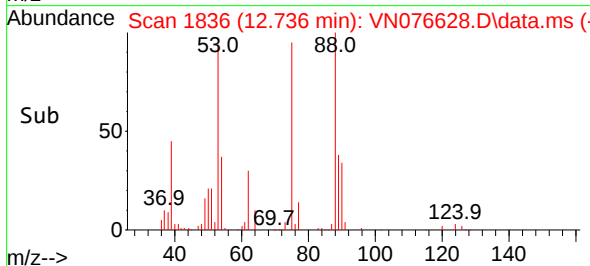
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



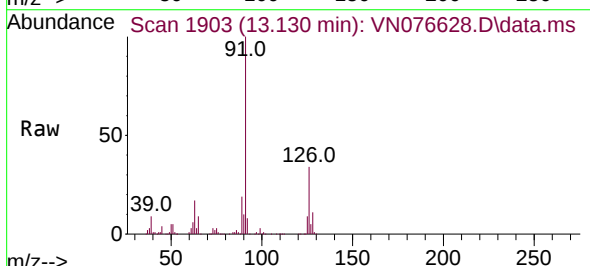
Tgt Ion: 75 Resp: 11351
Ion Ratio Lower Upper
75 100
53 101.3 92.1 138.1
89 46.4 37.5 56.3

Manual Integrations
APPROVED

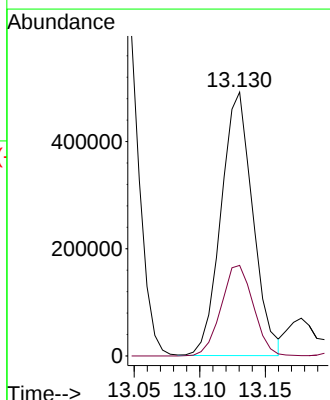
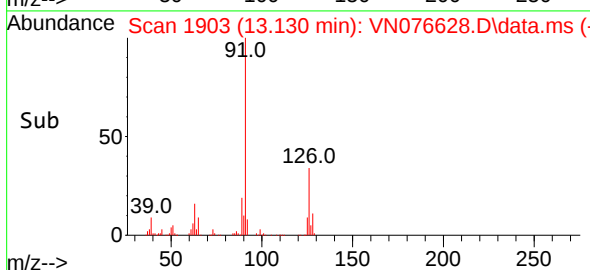
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

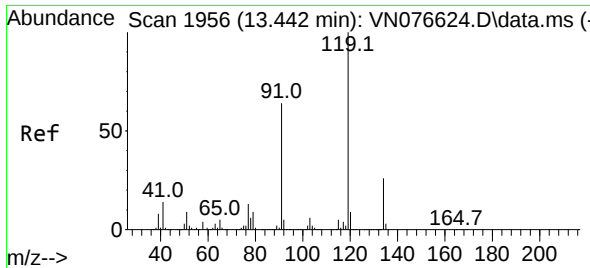


#82
4-Chlorotoluene
Concen: 50.676 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



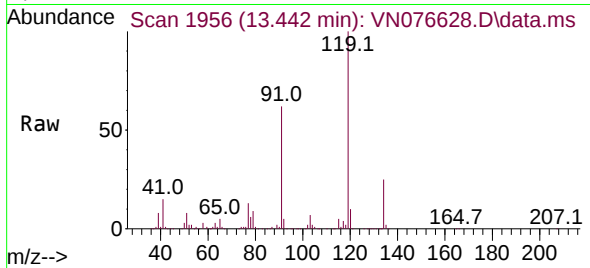
Tgt Ion: 91 Resp: 830077
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83
 tert-Butylbenzene
 Concen: 52.203 ug/l
 RT: 13.442 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

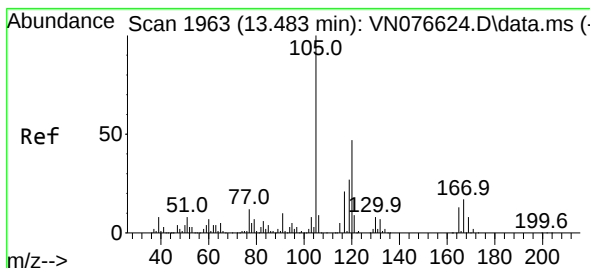
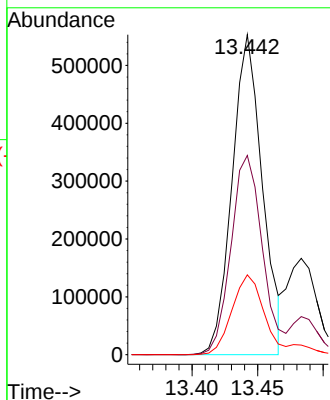
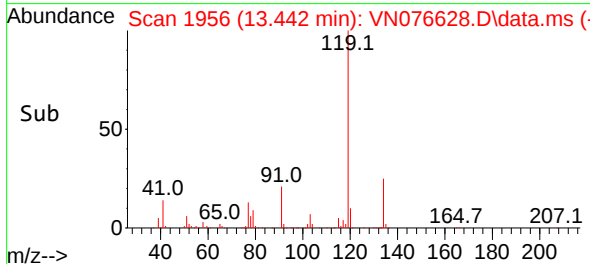
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323



Tgt Ion:119 Resp: 889152
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.0 96.2
 134 28.6 13.8 41.4

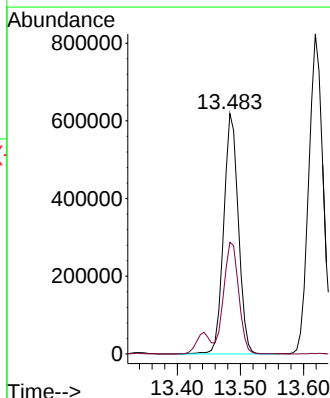
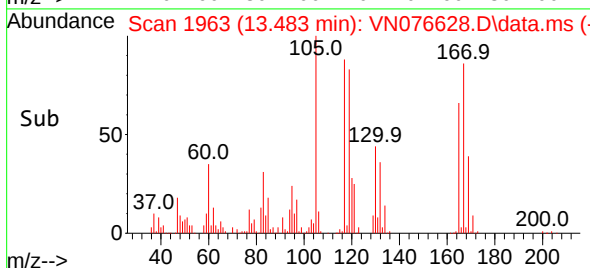
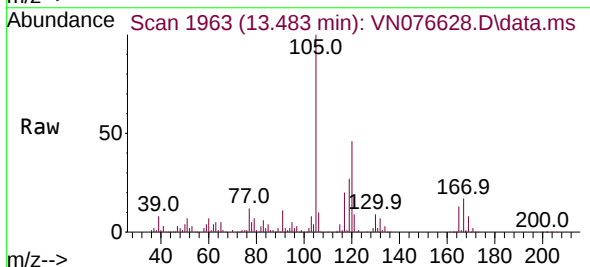
Manual Integrations
 APPROVED

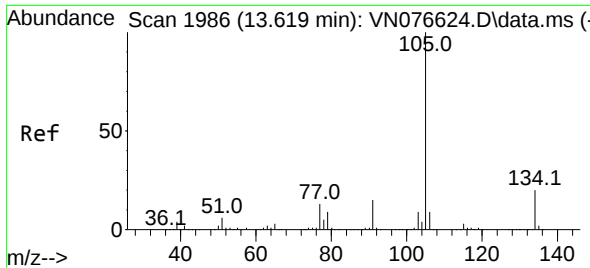
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#84
 1,2,4-Trimethylbenzene
 Concen: 53.143 ug/l
 RT: 13.483 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

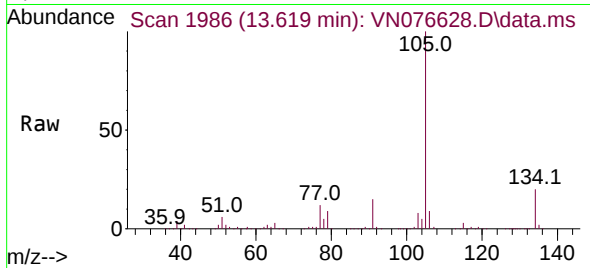
Tgt Ion:105 Resp: 997201
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 54.523 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27

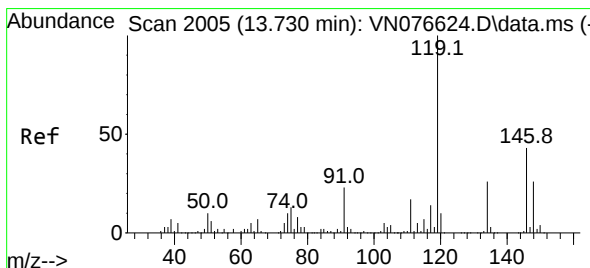
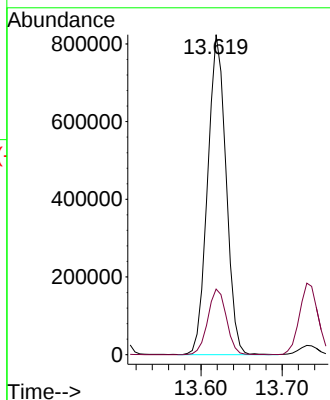
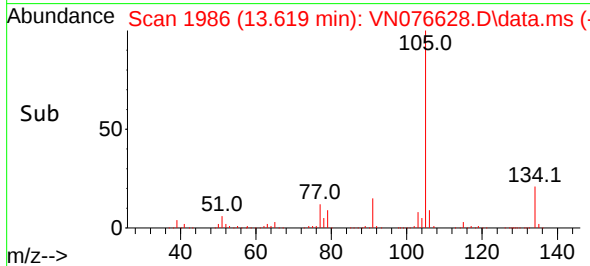
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021323



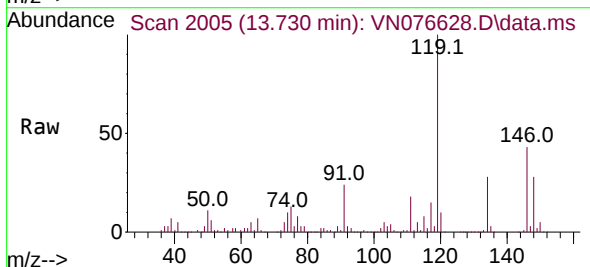
Tgt Ion:105 Resp: 129656
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.5 31.5

Manual Integrations
 APPROVED

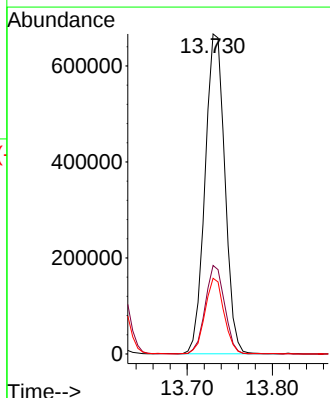
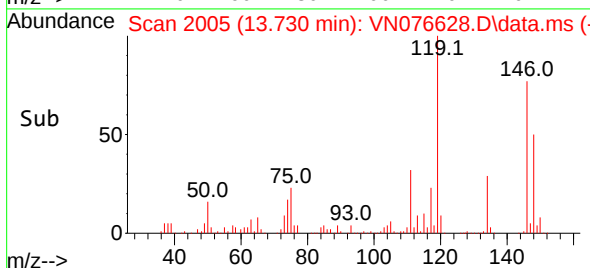
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

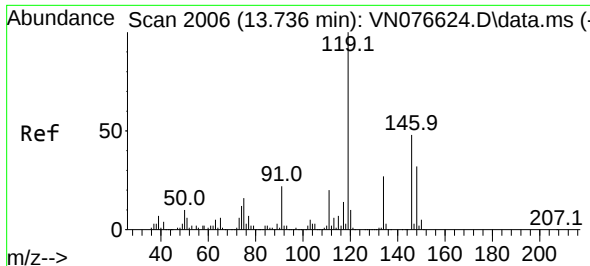


#86
 p-Isopropyltoluene
 Concen: 56.576 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076628.D
 Acq: 13 Feb 2023 13:27



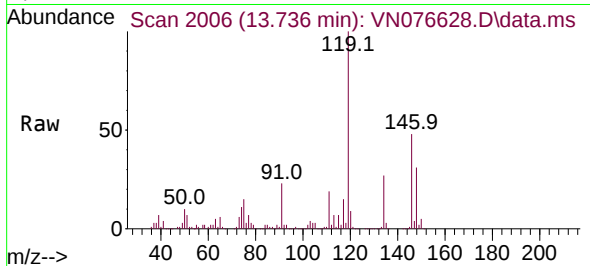
Tgt Ion:119 Resp: 1074327
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 22.8 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 50.090 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

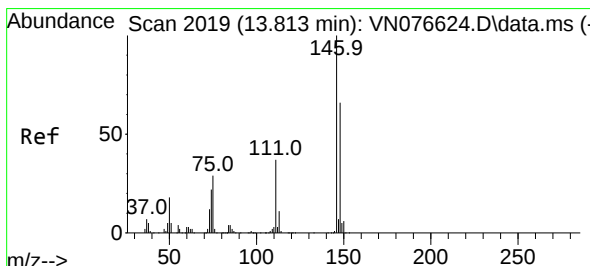
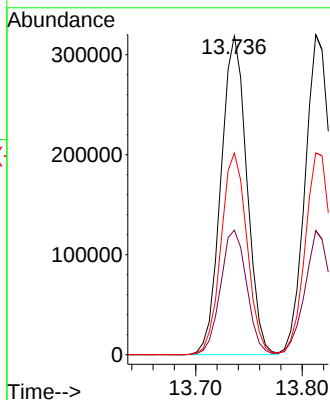
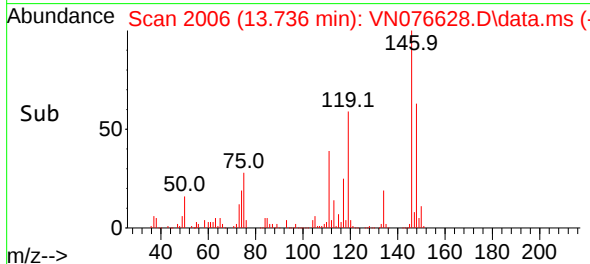
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



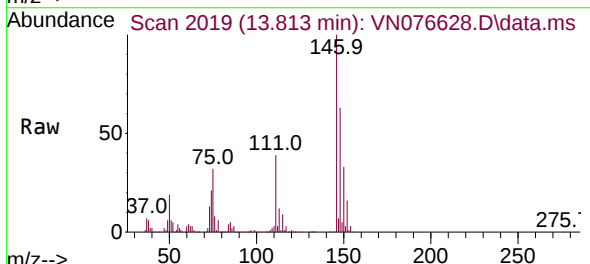
Tgt Ion:146 Resp: 53820
Ion Ratio Lower Upper
146 100
111 39.5 19.8 59.4
148 63.6 32.0 96.2

Manual Integrations
APPROVED

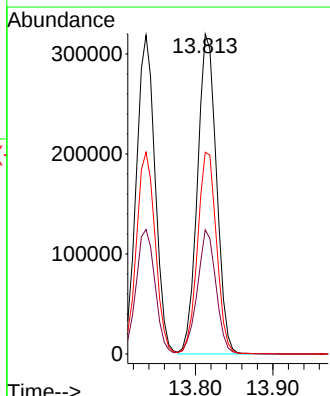
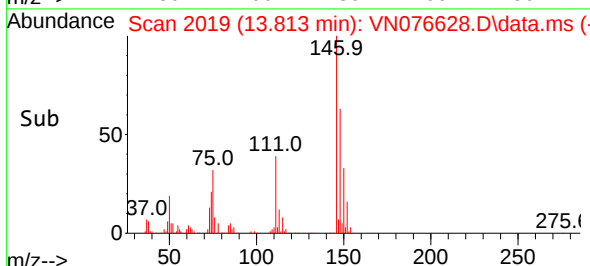
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

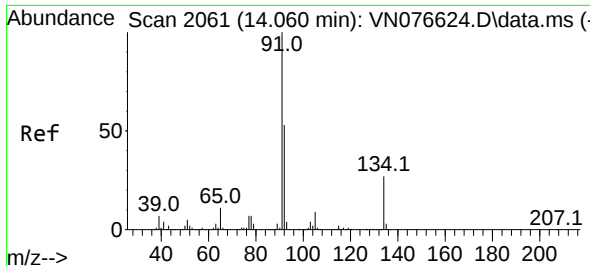


#88
1,4-Dichlorobenzene
Concen: 50.912 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



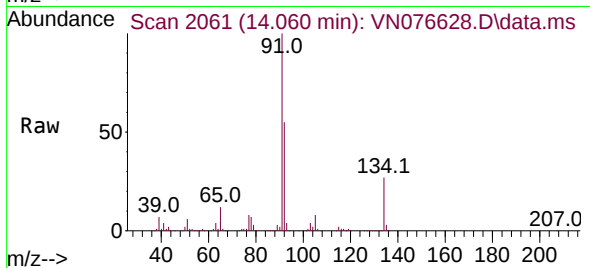
Tgt Ion:146 Resp: 544748
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.1
148 63.1 32.7 98.1





#89
n-Butylbenzene
Concen: 56.480 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

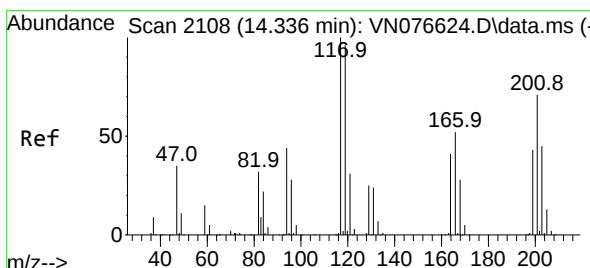
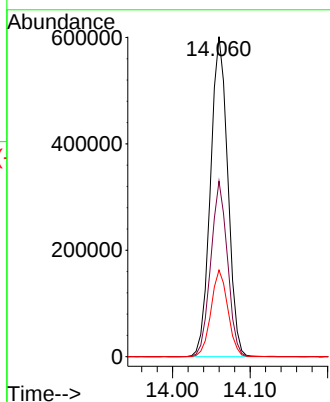
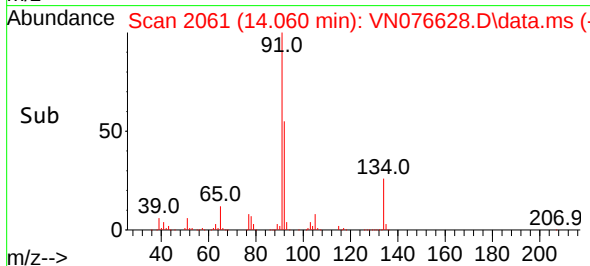
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



Tgt Ion: 91 Resp: 932804
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 26.3 13.2 39.5

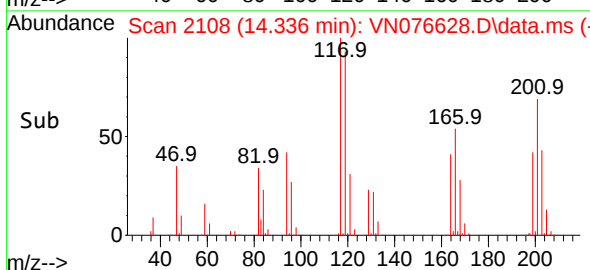
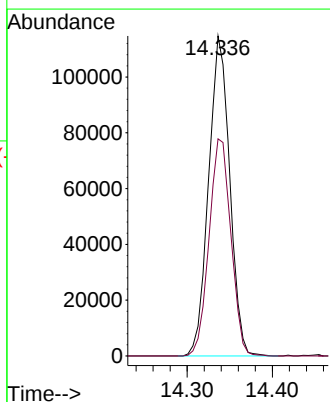
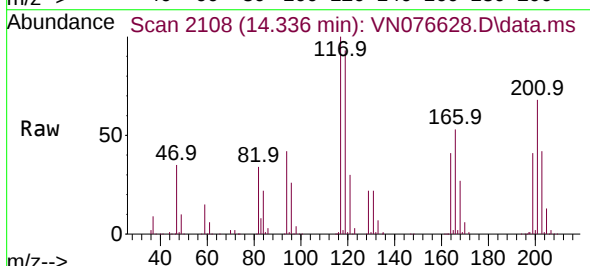
Manual Integrations
APPROVED

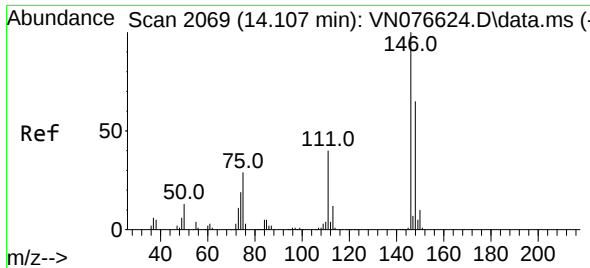
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#90
Hexachloroethane
Concen: 49.717 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Tgt Ion:117 Resp: 197675
Ion Ratio Lower Upper
117 100
201 70.2 35.5 106.7





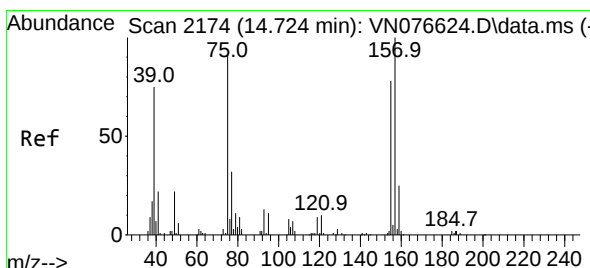
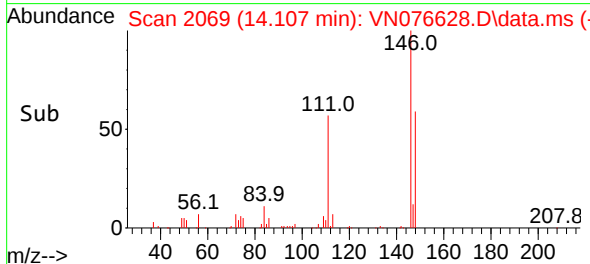
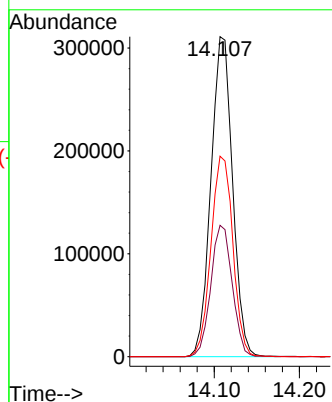
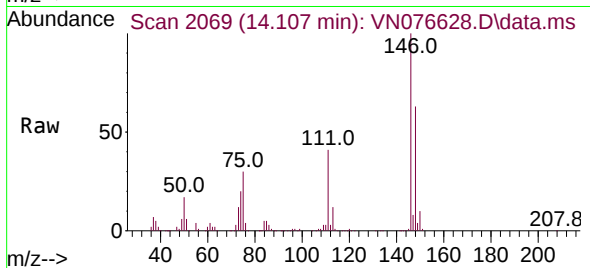
#91
1,2-Dichlorobenzene
Concen: 49.803 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323

Tgt Ion:146 Resp: 54859
Ion Ratio Lower Upper
146 100
111 40.7 20.0 59.9
148 63.6 32.4 97.2

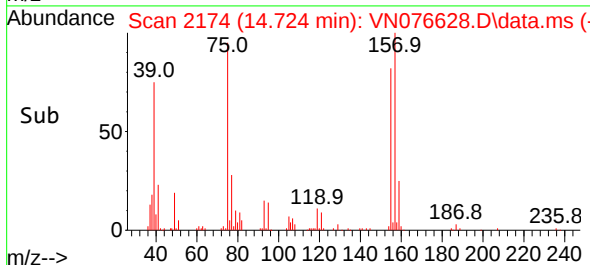
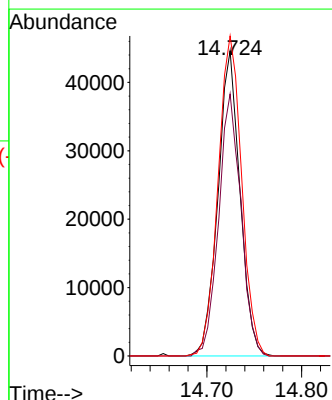
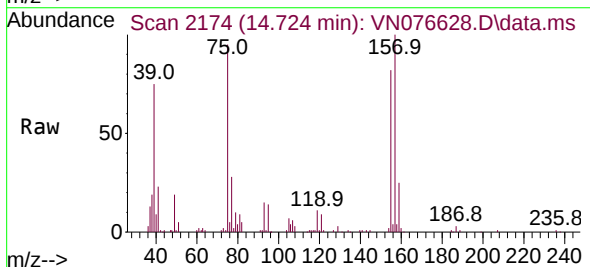
Manual Integrations
APPROVED

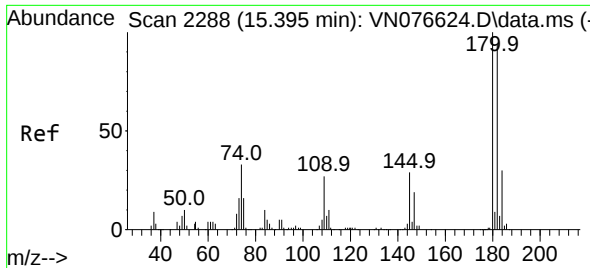
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.195 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

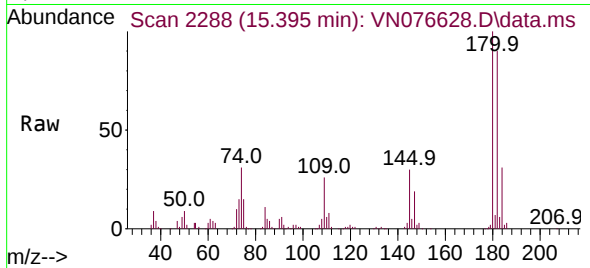
Tgt Ion: 75 Resp: 72207
Ion Ratio Lower Upper
75 100
155 86.7 43.4 130.2
157 112.1 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 56.288 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

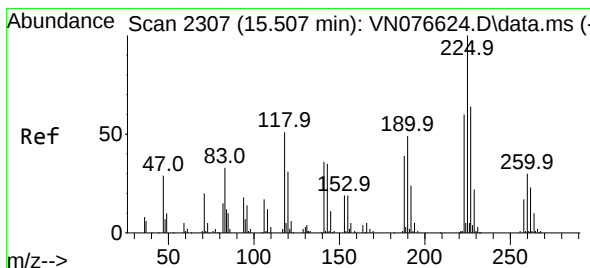
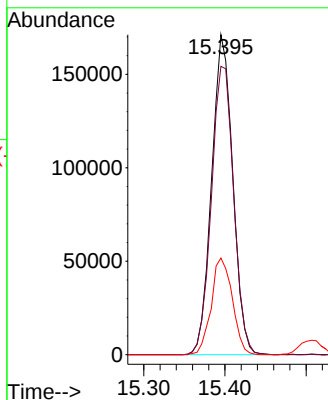
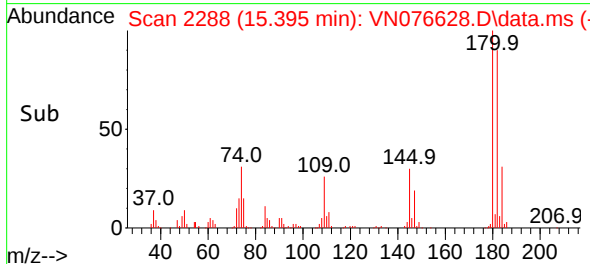
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



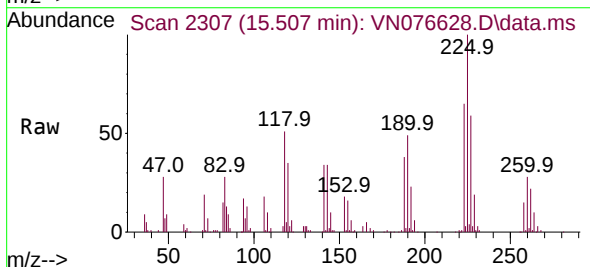
Tgt Ion:180 Resp: 309285
Ion Ratio Lower Upper
180 100
182 95.1 48.0 144.0
145 30.2 15.2 45.6

Manual Integrations
APPROVED

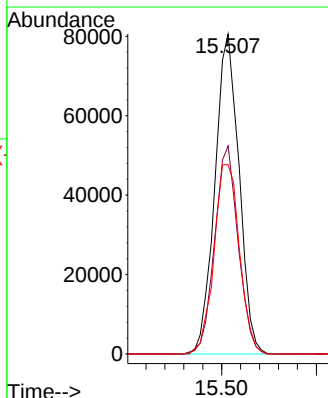
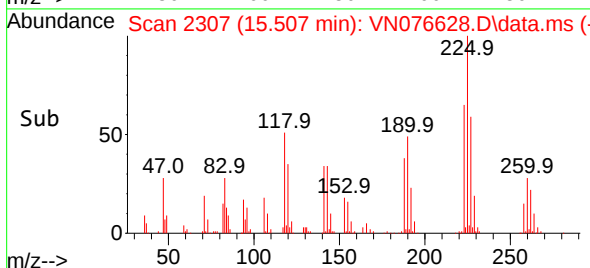
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

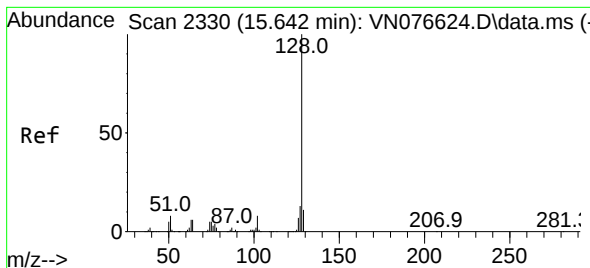


#94
Hexachlorobutadiene
Concen: 52.924 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



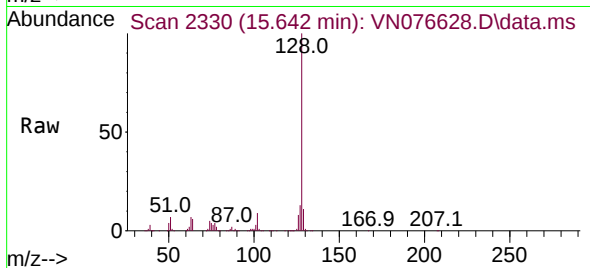
Tgt Ion:225 Resp: 142525
Ion Ratio Lower Upper
225 100
223 63.4 31.6 95.0
227 62.6 31.3 93.9





#95
Naphthalene
Concen: 58.676 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27

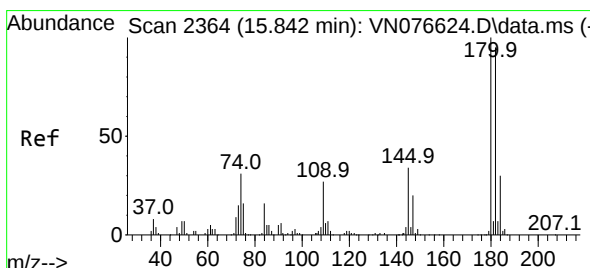
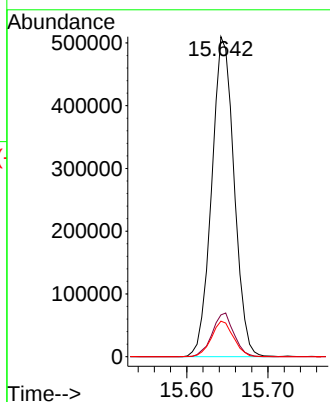
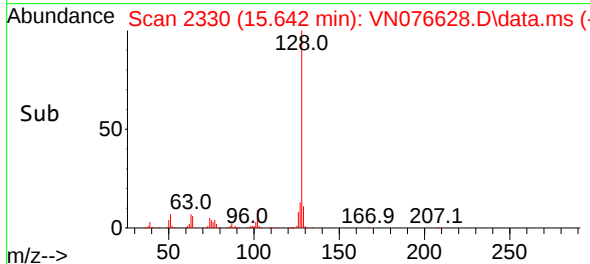
Instrument :
MSVOA_N
ClientSampleId :
ICVVN021323



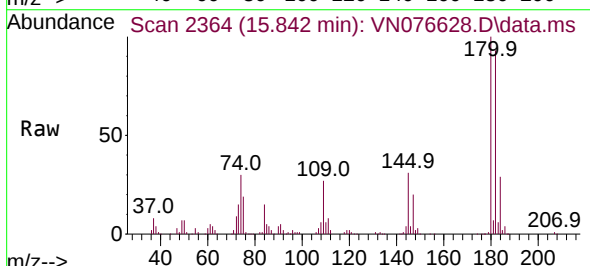
Tgt Ion:128 Resp: 978358
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#96
1,2,3-Trichlorobenzene
Concen: 56.510 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN076628.D
Acq: 13 Feb 2023 13:27



Tgt Ion:180 Resp: 300822
Ion Ratio Lower Upper
180 100
182 95.0 46.7 140.1
145 31.7 16.0 47.9

