

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076630.D
 Acq On : 13 Feb 2023 15:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 05:22:04 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)

Internal Standards						
1) Pentafluorobenzene	8.231	168	354920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	618085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	576491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	290080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	233792	47.704	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.400%
35) Dibromofluoromethane	8.172	113	188978	46.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.380%
50) Toluene-d8	10.572	98	748783	49.534	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.854	95	263586	52.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	189800	50.363	ug/l	99
3) Chloromethane	2.372	50	219032	44.547	ug/l	96
4) Vinyl Chloride	2.525	62	235871	48.743	ug/l	99
5) Bromomethane	2.955	94	148199	50.543	ug/l	93
6) Chloroethane	3.125	64	149326	48.828	ug/l	96
7) Trichlorofluoromethane	3.507	101	310004	47.083	ug/l	98
8) Diethyl Ether	3.972	74	126538	49.875	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	191431	49.482	ug/l	98
10) Methyl Iodide	4.596	142	237360	49.682	ug/l	99
11) Tert butyl alcohol	5.531	59	163379	252.554	ug/l	99
12) 1,1-Dichloroethene	4.354	96	173442	47.344	ug/l	89
13) Acrolein	4.190	56	241047	248.194	ug/l	99
14) Allyl chloride	5.037	41	311310	49.044	ug/l	99
15) Acrylonitrile	5.731	53	576658	251.177	ug/l	99
16) Acetone	4.443	43	498713	227.808	ug/l	95
17) Carbon Disulfide	4.725	76	468674	48.454	ug/l	99
18) Methyl Acetate	5.037	43	351327	49.165	ug/l	98
19) Methyl tert-butyl Ether	5.807	73	638185	51.671	ug/l	99
20) Methylene Chloride	5.284	84	210565	45.894	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	194512	47.168	ug/l	93
22) Diisopropyl ether	6.678	45	773906	51.981	ug/l	96
23) Vinyl Acetate	6.613	43	2634022	299.021	ug/l	99
24) 1,1-Dichloroethane	6.578	63	392237	48.071	ug/l	96
25) 2-Butanone	7.490	43	826784	256.033	ug/l	98
26) 2,2-Dichloropropane	7.495	77	309140	52.526	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	236109	48.273	ug/l	99
28) Bromochloromethane	7.819	49	188302	48.488	ug/l	97
29) Tetrahydrofuran	7.842	42	547114	259.319	ug/l	99
30) Chloroform	7.972	83	398176	48.841	ug/l	95
31) Cyclohexane	8.260	56	367425	47.793	ug/l	93
32) 1,1,1-Trichloroethane	8.178	97	338142	49.331	ug/l	97
36) 1,1-Dichloropropene	8.378	75	298156	50.982	ug/l	99
37) Ethyl Acetate	7.566	43	331870	53.935	ug/l	99
38) Carbon Tetrachloride	8.366	117	296371	50.235	ug/l	96
39) Methylcyclohexane	9.607	83	372906	56.096	ug/l	99
40) Benzene	8.613	78	913944	50.889	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076630.D
 Acq On : 13 Feb 2023 15:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 14 05:22:04 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	7.790	41	189777	53.239	ug/l	99
42) 1,2-Dichloroethane	8.678	62	302734	48.331	ug/l	100
43) Isopropyl Acetate	8.695	43	547514	54.682	ug/l	99
44) Trichloroethene	9.360	130	220813	52.029	ug/l	91
45) 1,2-Dichloropropane	9.625	63	240196	50.522	ug/l	96
46) Dibromomethane	9.713	93	157646	51.867	ug/l	99
47) Bromodichloromethane	9.889	83	317075	52.033	ug/l #	98
48) Methyl methacrylate	9.684	41	257529	54.202	ug/l	98
49) 1,4-Dioxane	9.695	88	91888	1118.025	ug/l #	81
51) 4-Methyl-2-Pentanone	10.448	43	1721868	270.287	ug/l	99
52) Toluene	10.631	92	584527	53.908	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	332186	56.478	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	363430	53.569	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	228170	51.750	ug/l	93
56) Ethyl methacrylate	10.878	69	352834	56.852	ug/l	97
57) 1,3-Dichloropropane	11.166	76	389236	51.384	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	821199	288.922	ug/l	100
59) 2-Hexanone	11.195	43	1257255	273.711	ug/l	100
60) Dibromochloromethane	11.360	129	241500	51.970	ug/l	100
61) 1,2-Dibromoethane	11.472	107	229198	51.934	ug/l	98
64) Tetrachloroethene	11.107	164	186824	51.424	ug/l	97
65) Chlorobenzene	11.895	112	608212	49.782	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	224153	50.511	ug/l	97
67) Ethyl Benzene	11.966	91	1105936	53.133	ug/l	98
68) m/p-Xylenes	12.077	106	860805	107.292	ug/l	96
69) o-Xylene	12.401	106	427615	54.649	ug/l	97
70) Styrene	12.413	104	713900	56.421	ug/l	100
71) Bromoform	12.583	173	175382	53.879	ug/l #	97
73) Isopropylbenzene	12.701	105	1105334	51.987	ug/l	100
74) N-amyl acetate	12.495	43	493527	51.497	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	344879	44.811	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	261465m	44.584	ug/l	
77) Bromobenzene	12.983	156	255612	48.186	ug/l	99
78) n-propylbenzene	13.036	91	1330350	53.285	ug/l	100
79) 2-Chlorotoluene	13.130	91	759163	49.661	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	940476	53.523	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	102395	50.853	ug/l	97
82) 4-Chlorotoluene	13.130	91	759163	49.661	ug/l	99
83) tert-Butylbenzene	13.442	119	824524	51.870	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	945575	53.995	ug/l	100
85) sec-Butylbenzene	13.619	105	1209650	54.506	ug/l	99
86) p-Isopropyltoluene	13.736	119	996370	56.223	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	497205	49.584	ug/l	100
88) 1,4-Dichlorobenzene	13.819	146	497638	49.835	ug/l	99
89) n-Butylbenzene	14.060	91	884532	57.387	ug/l	100
90) Hexachloroethane	14.336	117	178850	48.199	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	501590	48.792	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	68750	46.108	ug/l	98
93) 1,2,4-Trichlorobenzene	15.401	180	301481	58.792	ug/l	98
94) Hexachlorobutadiene	15.507	225	133387	53.073	ug/l	97
95) Naphthalene	15.648	128	968207	62.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	297245	59.831	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
Data File : VN076630.D
Acq On : 13 Feb 2023 15:48
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Feb 14 05:22:04 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

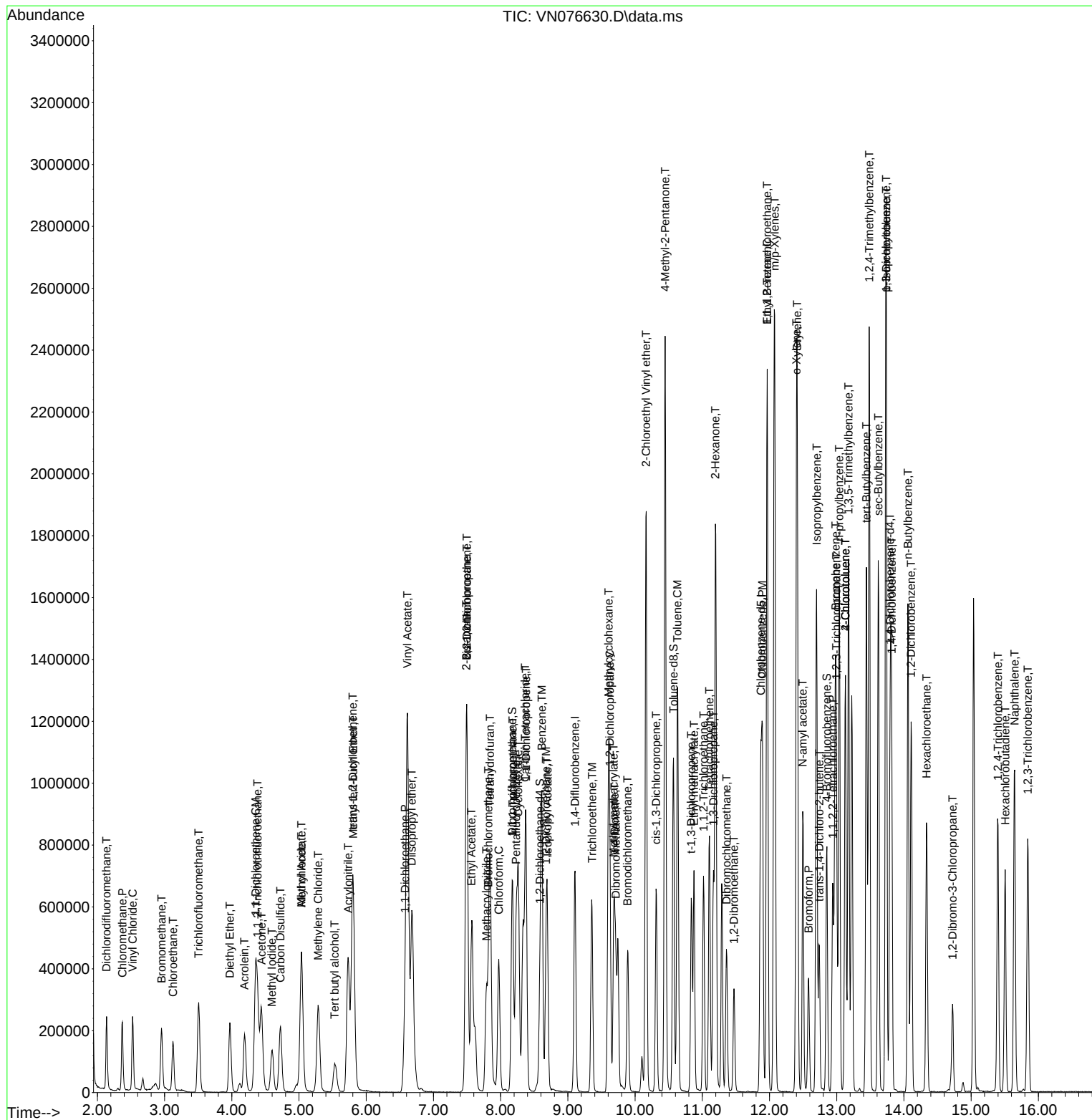
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
Data File : VN076630.D
Acq On : 13 Feb 2023 15:48
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

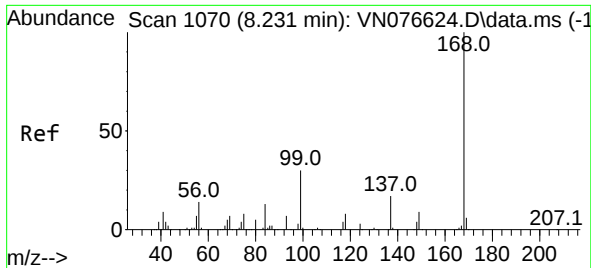
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Feb 14 05:22:04 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





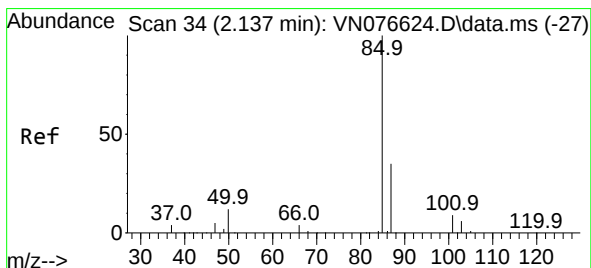
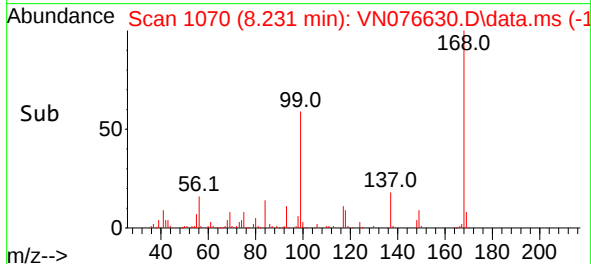
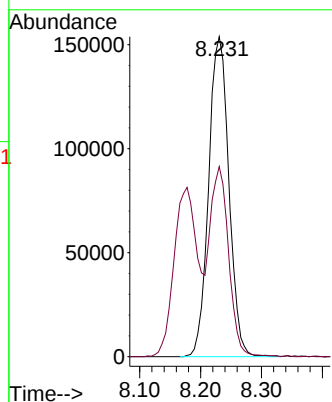
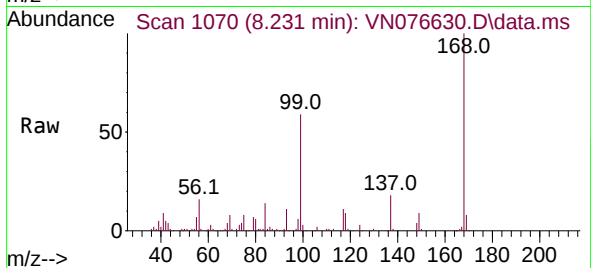
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 354920
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2

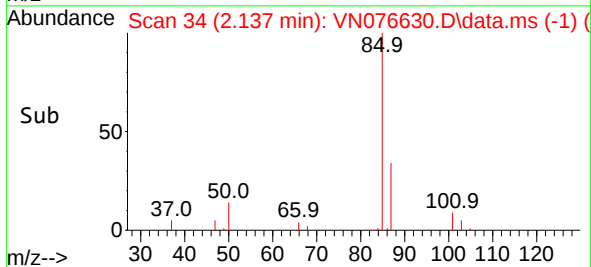
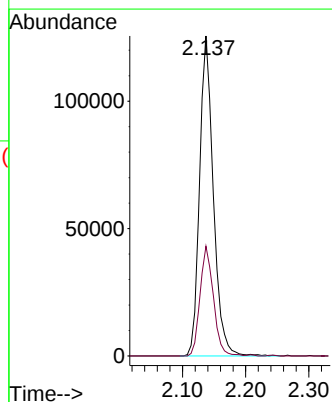
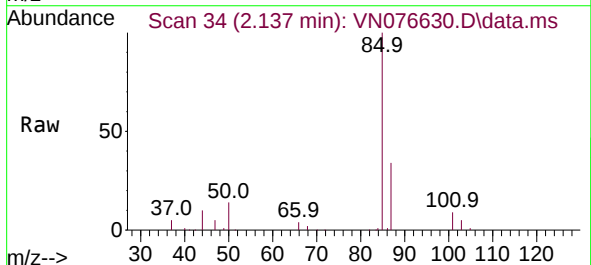
Manual Integrations
APPROVED

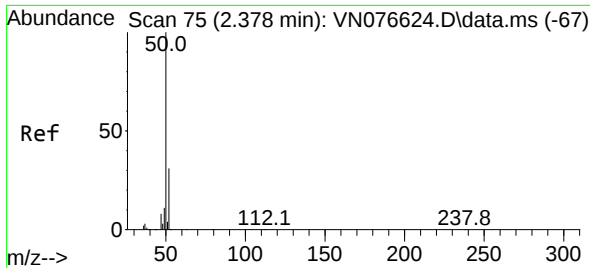
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#2
Dichlorodifluoromethane
Concen: 50.363 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

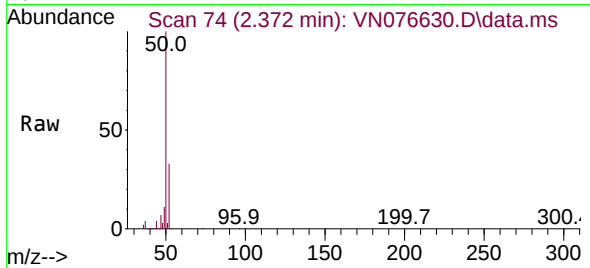
Tgt Ion: 85 Resp: 189800
Ion Ratio Lower Upper
85 100
87 34.3 17.4 52.2





#3
Chloromethane
Concen: 44.547 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

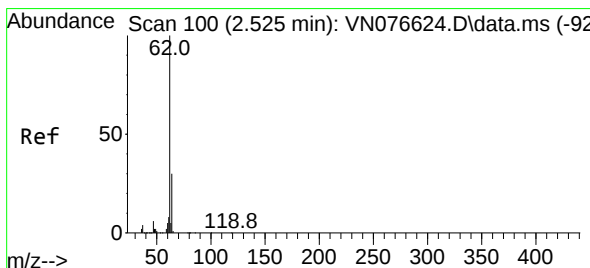
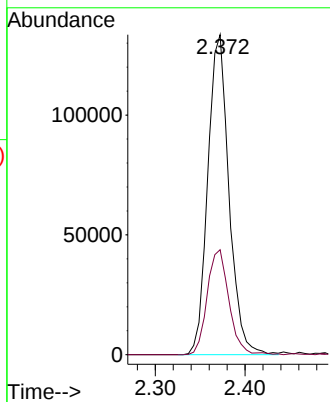
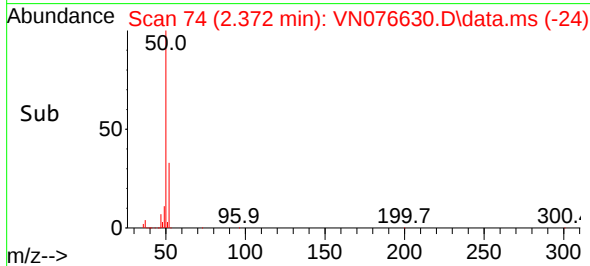
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 21903
Ion Ratio Lower Upper
50 100
52 32.8 24.7 37.1

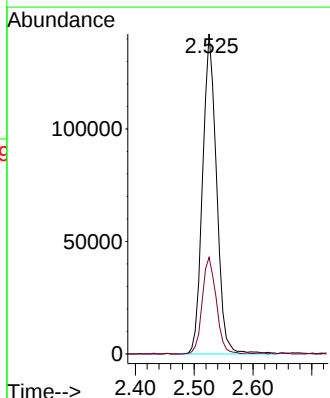
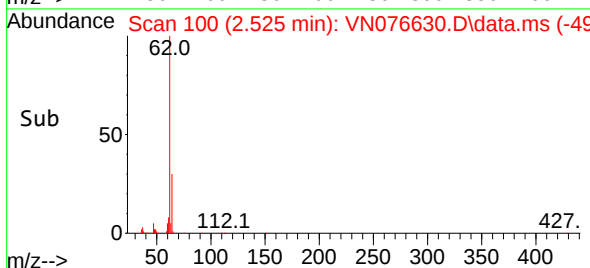
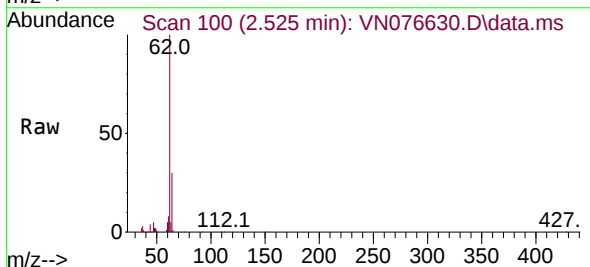
Manual Integrations
APPROVED

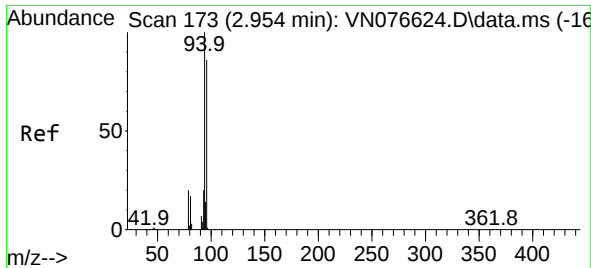
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#4
Vinyl Chloride
Concen: 48.743 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Tgt Ion: 62 Resp: 235871
Ion Ratio Lower Upper
62 100
64 30.2 23.9 35.9





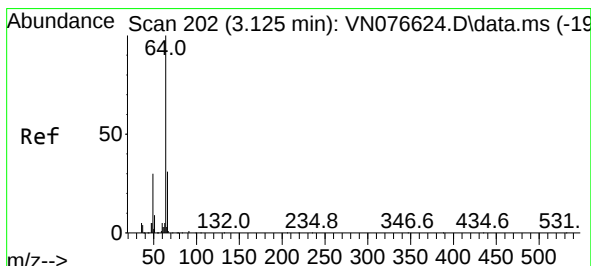
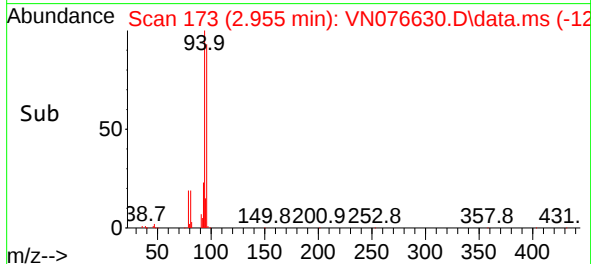
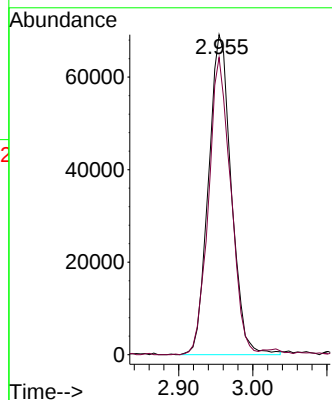
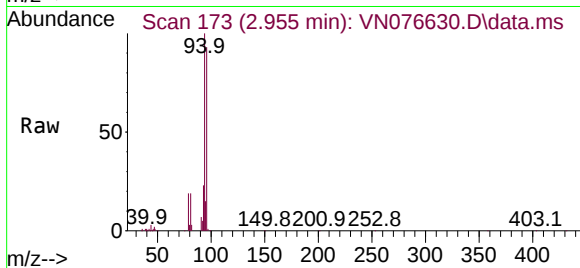
#5
Bromomethane
Concen: 50.543 ug/l
RT: 2.955 min Scan# 173
Delta R.T. 0.001 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 148199
Ion Ratio Lower Upper
94 100
96 92.9 69.0 103.4

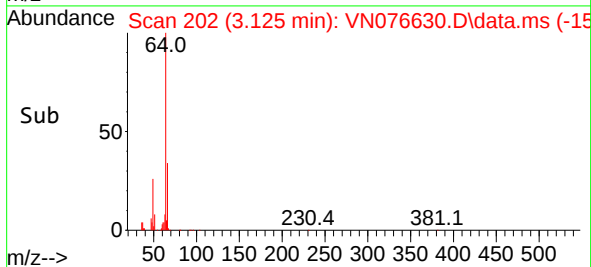
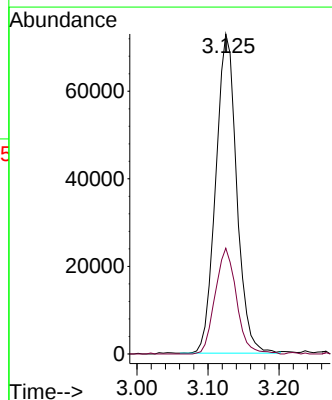
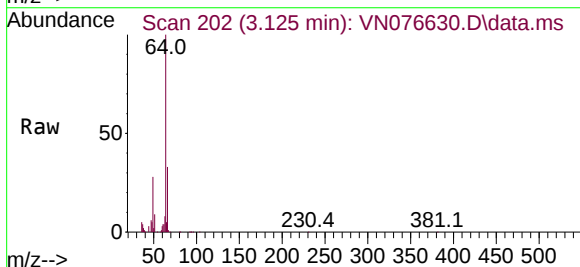
Manual Integrations
APPROVED

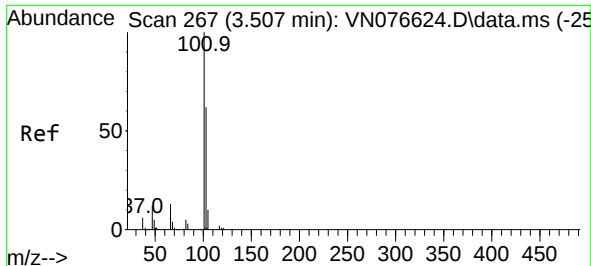
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#6
Chloroethane
Concen: 48.828 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Tgt Ion: 64 Resp: 149326
Ion Ratio Lower Upper
64 100
66 33.1 24.6 37.0





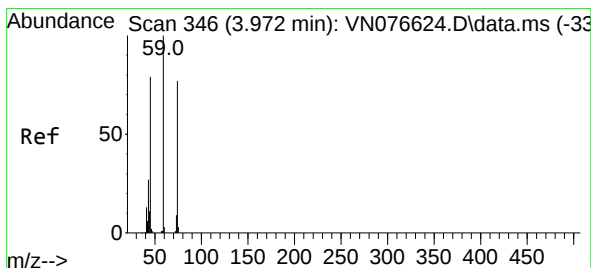
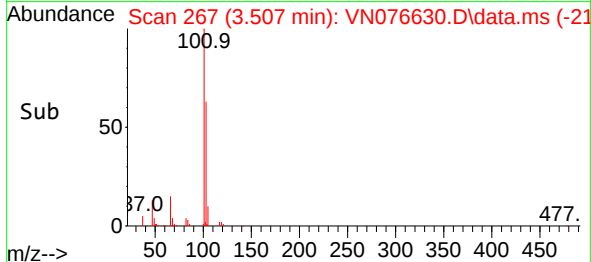
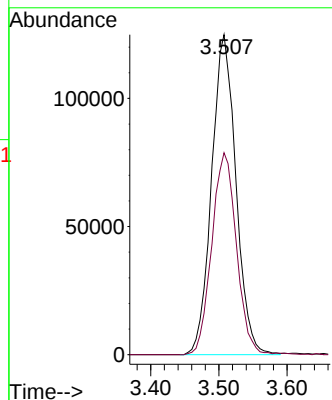
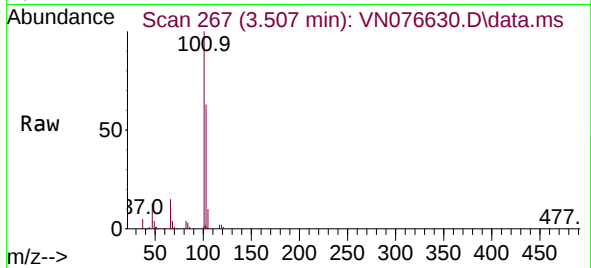
#7
 Trichlorofluoromethane
 Concen: 47.083 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 310004
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.4 74.2

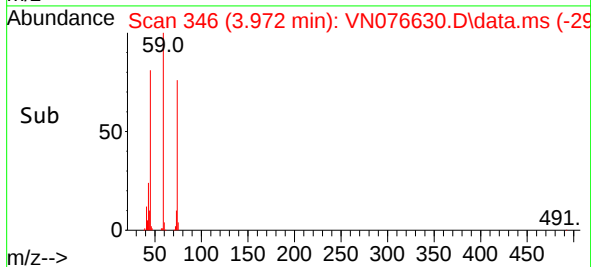
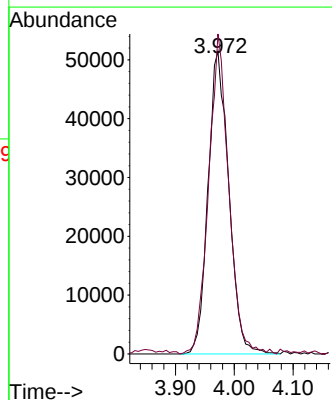
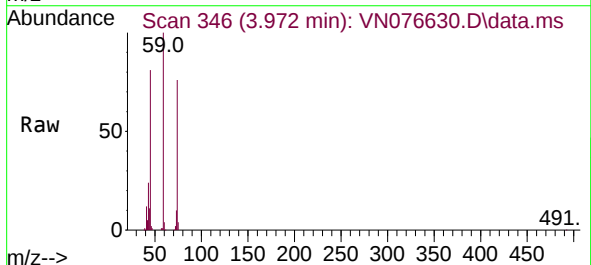
Manual Integrations
 APPROVED

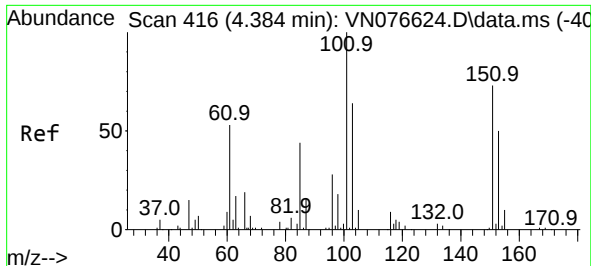
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#8
 Diethyl Ether
 Concen: 49.875 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

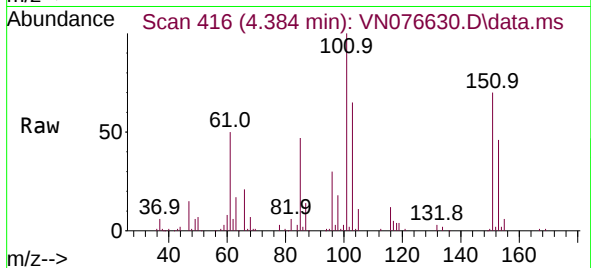
Tgt Ion: 74 Resp: 126538
 Ion Ratio Lower Upper
 74 100
 45 102.2 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.482 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

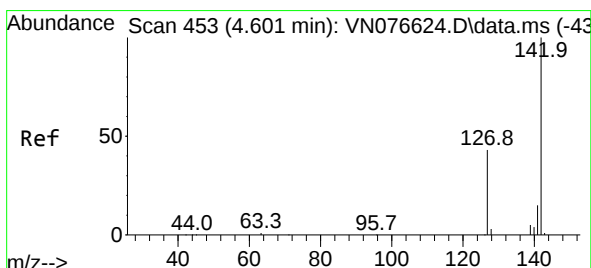
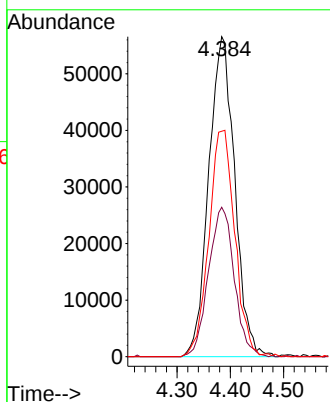
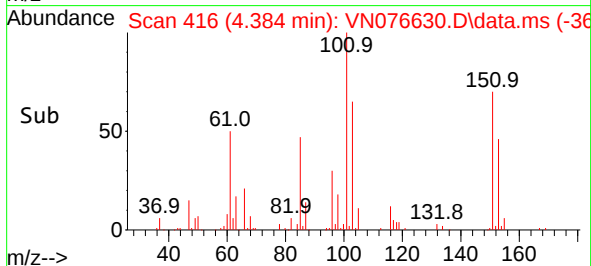
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



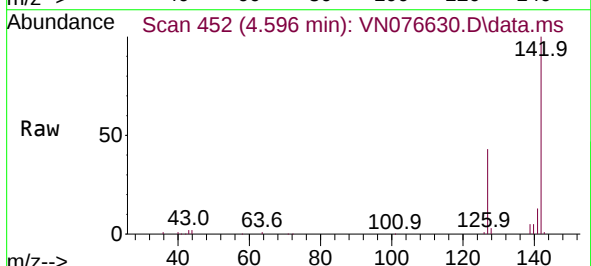
Tgt Ion:101 Resp: 19143
Ion Ratio Lower Upper
101 100
85 46.3 37.4 56.0
151 70.4 58.7 88.1

Manual Integrations
APPROVED

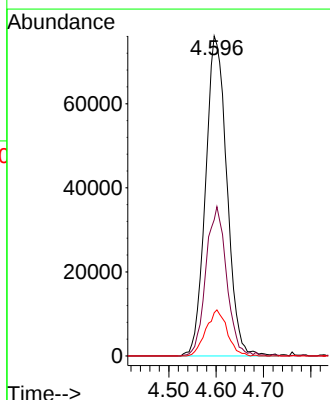
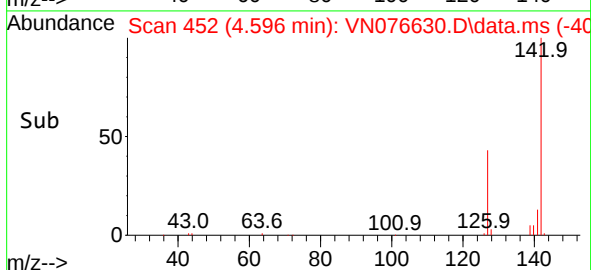
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

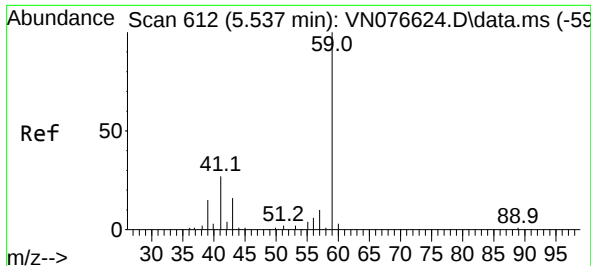


#10
Methyl Iodide
Concen: 49.682 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



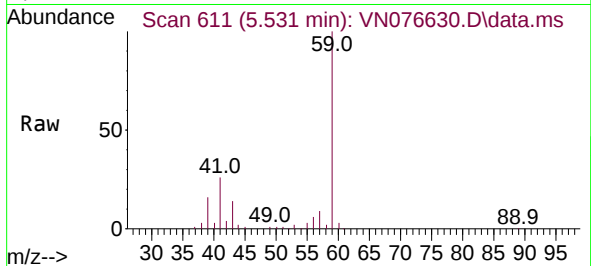
Tgt Ion:142 Resp: 237360
Ion Ratio Lower Upper
142 100
127 42.5 34.6 51.8
141 13.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 252.554 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

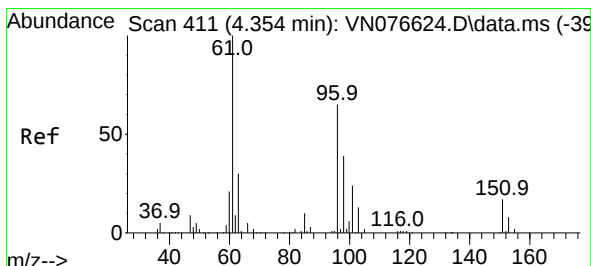
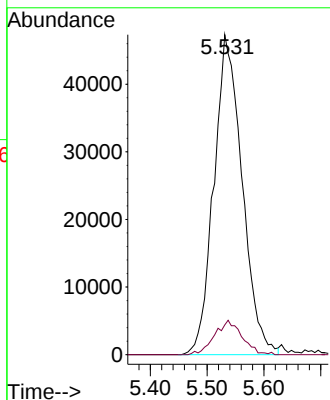
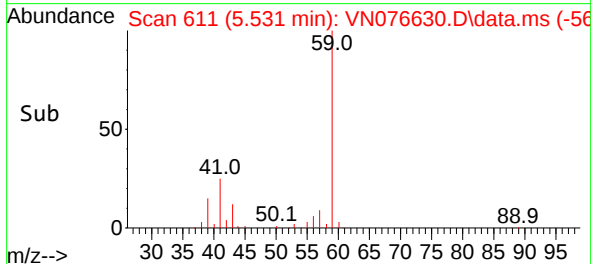
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 163379
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

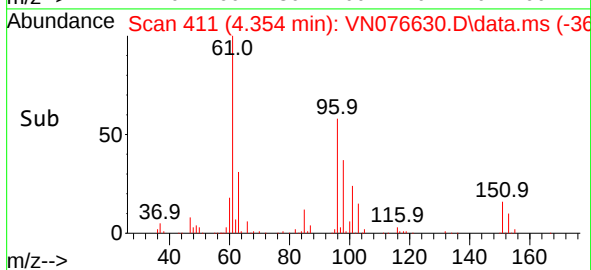
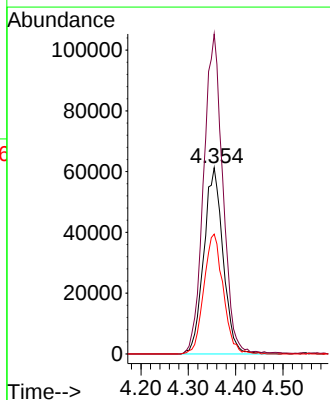
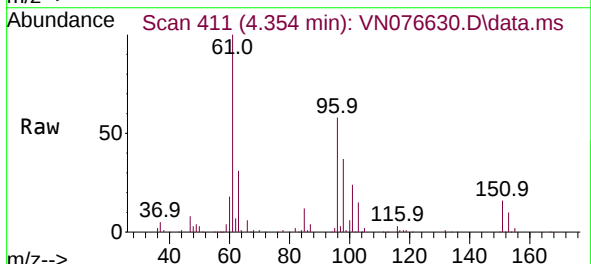
Manual Integrations
APPROVED

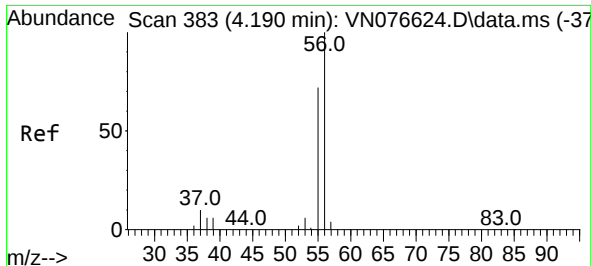
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#12
1,1-Dichloroethene
Concen: 47.344 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

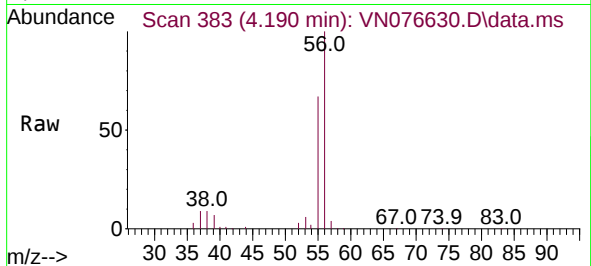
Tgt Ion: 96 Resp: 173442
Ion Ratio Lower Upper
96 100
61 171.8 123.8 185.6
98 64.3 48.4 72.6





#13
Acrolein
Concen: 248.194 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

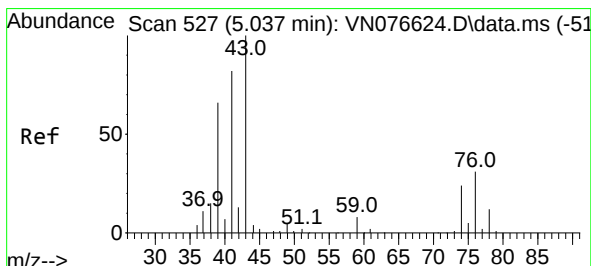
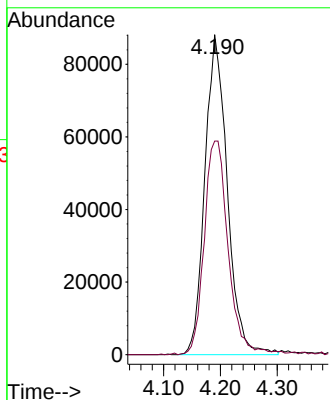
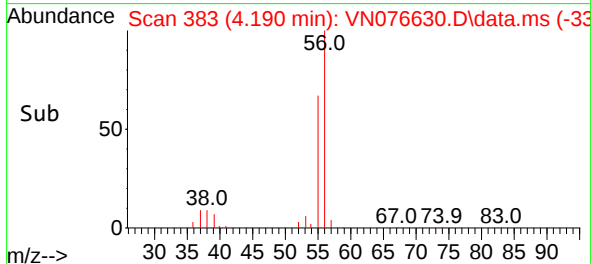
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



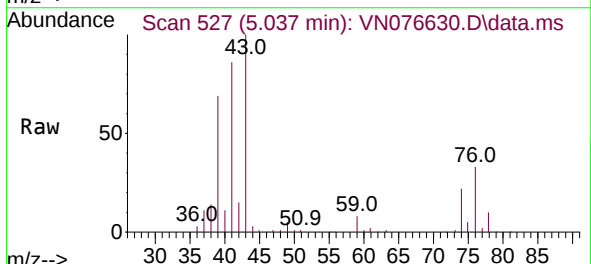
Tgt Ion: 56 Resp: 24104
Ion Ratio Lower Upper
56 100
55 70.9 56.3 84.5

Manual Integrations
APPROVED

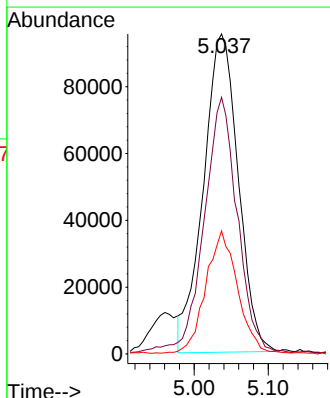
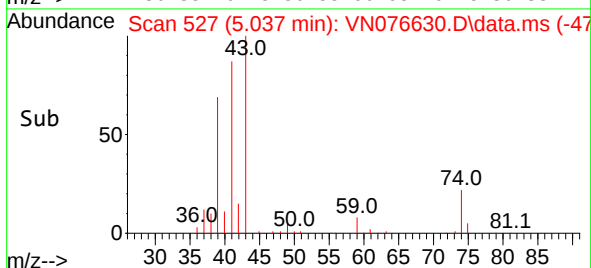
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

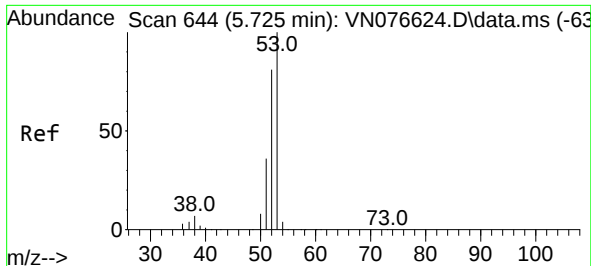


#14
Allyl chloride
Concen: 49.044 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



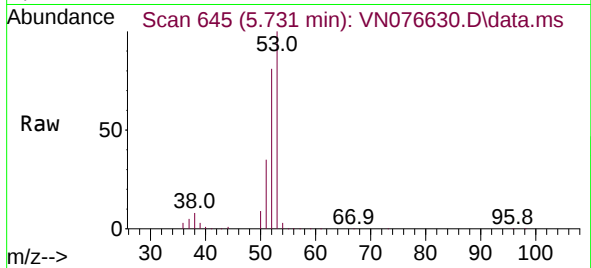
Tgt Ion: 41 Resp: 311310
Ion Ratio Lower Upper
41 100
39 78.3 62.3 93.5
76 35.1 27.0 40.6





#15
Acrylonitrile
Concen: 251.177 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

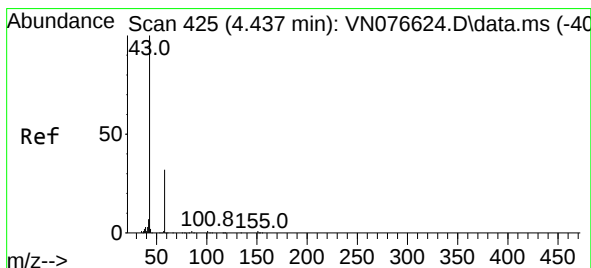
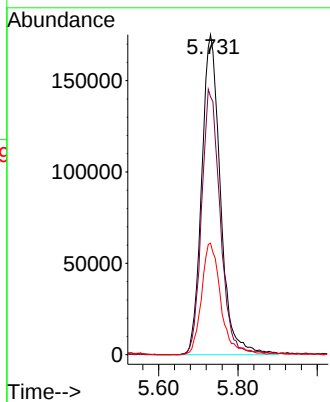
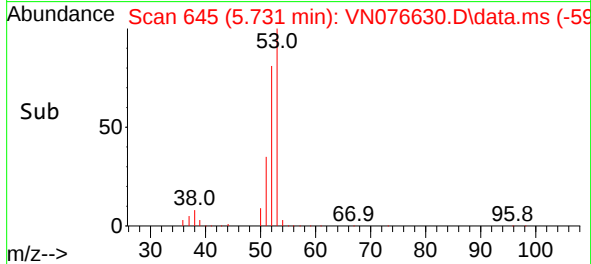
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 576658
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.9 29.2 43.8

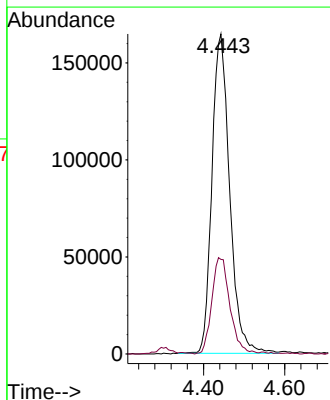
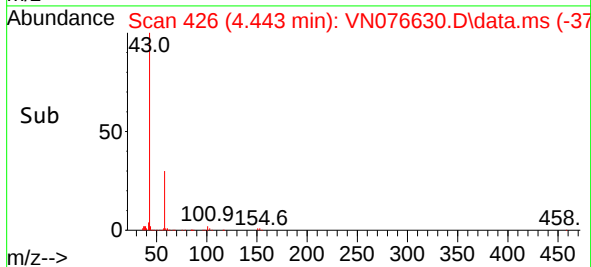
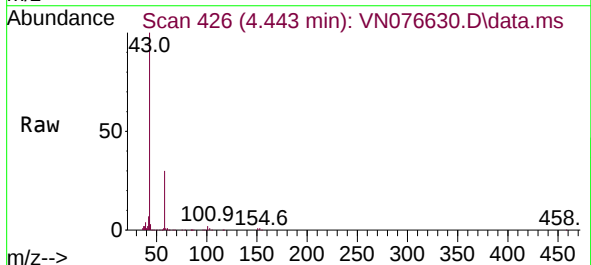
Manual Integrations
APPROVED

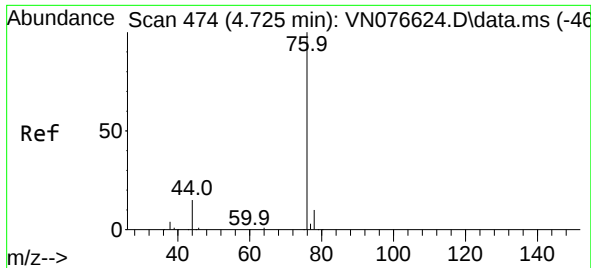
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#16
Acetone
Concen: 227.808 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

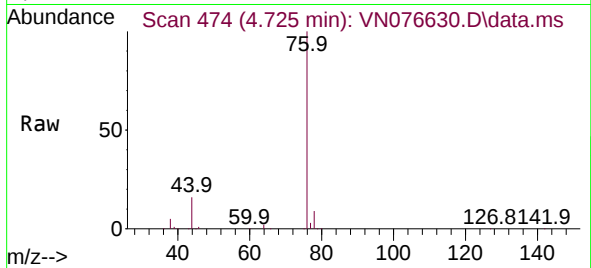
Tgt Ion: 43 Resp: 498713
Ion Ratio Lower Upper
43 100
58 29.4 25.9 38.9





#17
Carbon Disulfide
Concen: 48.454 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

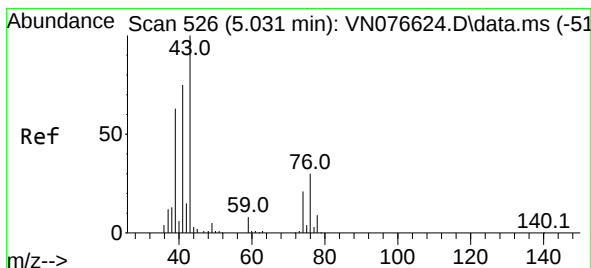
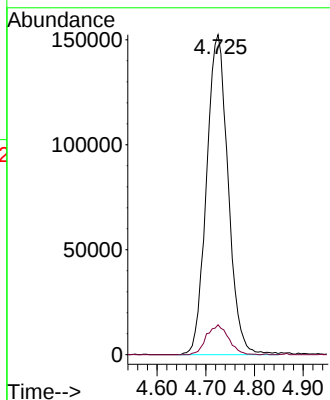
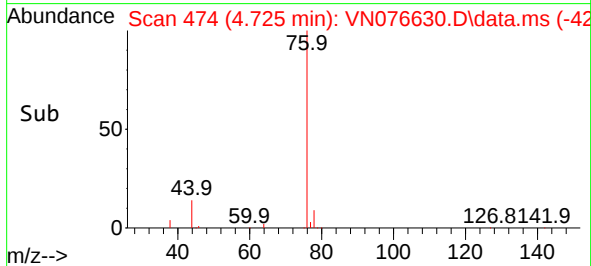
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



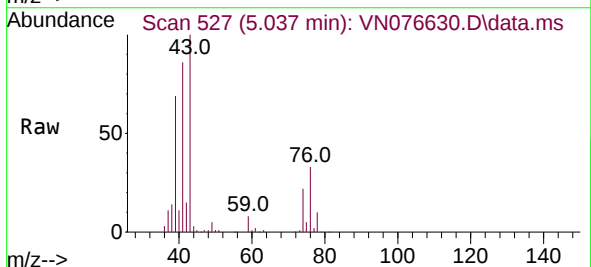
Tgt Ion: 76 Resp: 468674
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8

Manual Integrations
APPROVED

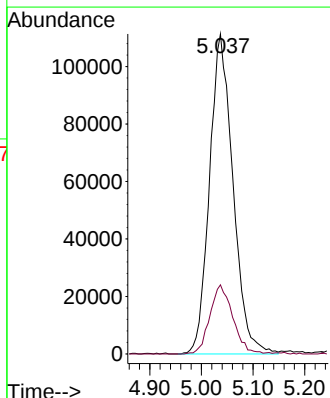
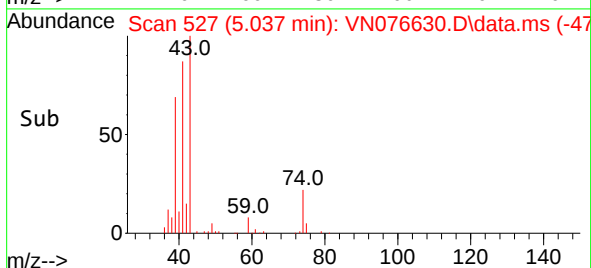
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

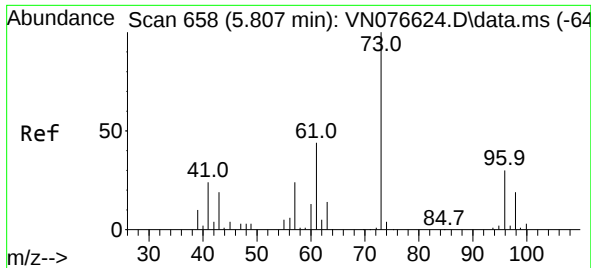


#18
Methyl Acetate
Concen: 49.165 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion: 43 Resp: 351327
Ion Ratio Lower Upper
43 100
74 21.1 17.7 26.5





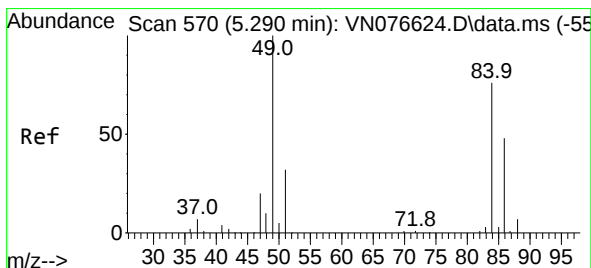
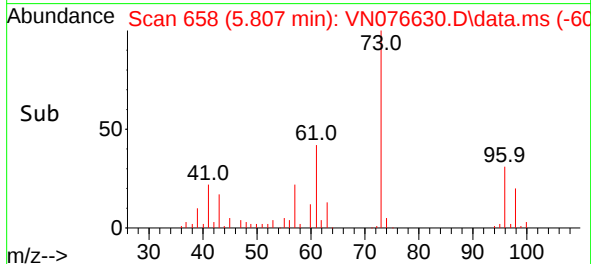
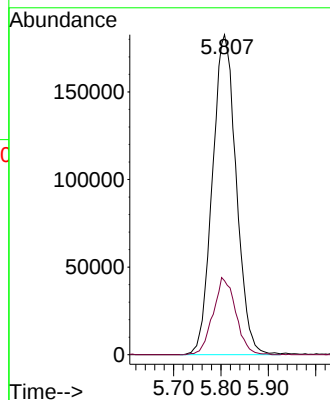
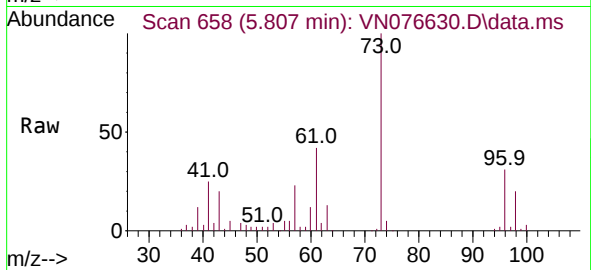
#19
Methyl tert-butyl Ether
Concen: 51.671 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 63818
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.4

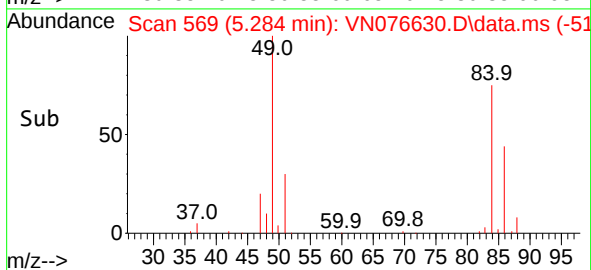
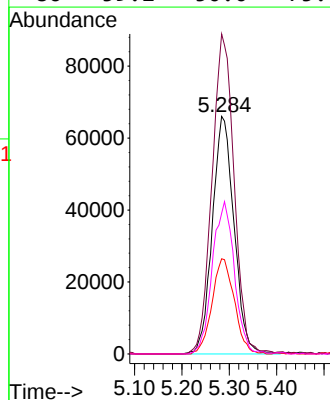
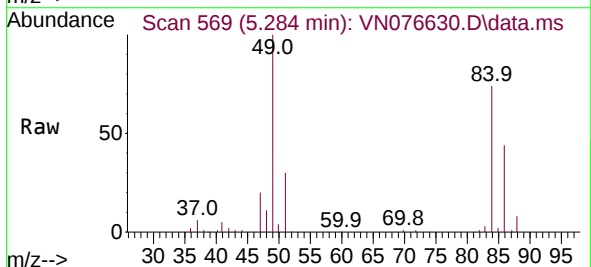
Manual Integrations
APPROVED

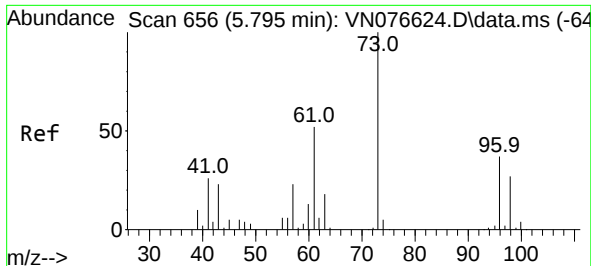
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#20
Methylene Chloride
Concen: 45.894 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Tgt Ion: 84 Resp: 210565
Ion Ratio Lower Upper
84 100
49 134.7 104.9 157.3
51 40.1 33.8 50.8
86 59.2 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 47.168 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076630.D

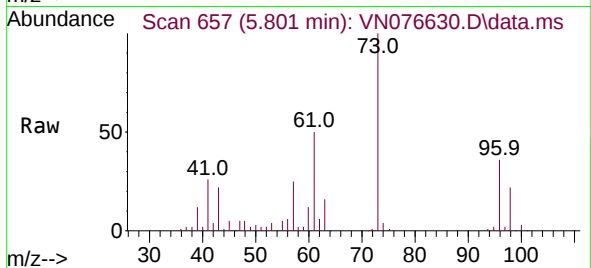
Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 19451

Ion Ratio Lower Upper

96 100

61 139.5 113.9 170.9

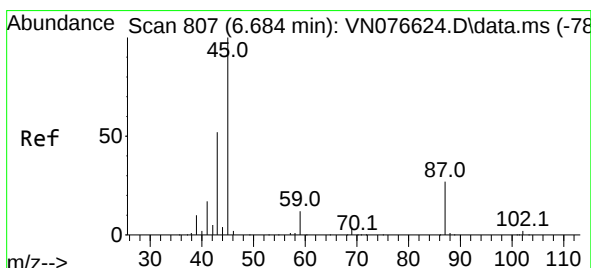
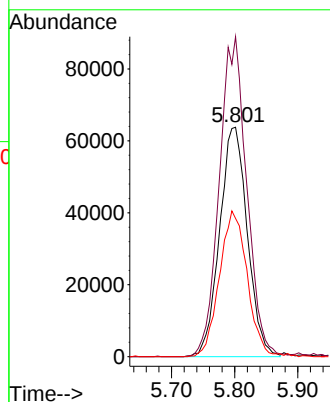
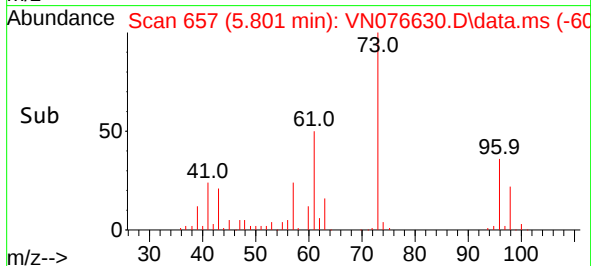
98 60.3 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#22

Diisopropyl ether

Concen: 51.981 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Tgt Ion: 45 Resp: 773906

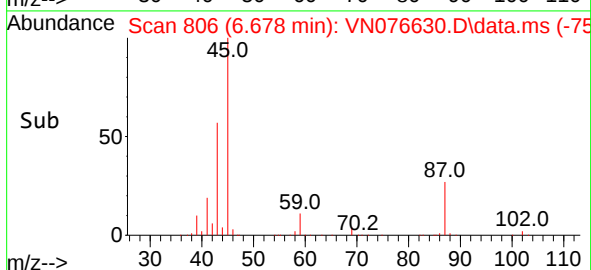
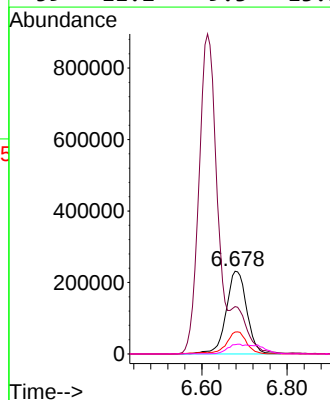
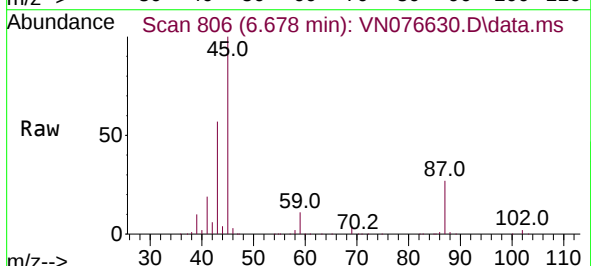
Ion Ratio Lower Upper

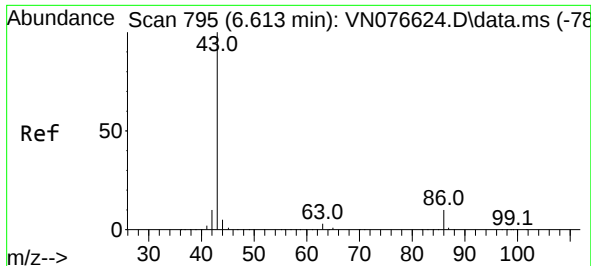
45 100

43 56.5 41.8 62.6

87 26.4 21.8 32.8

59 11.2 9.3 13.9





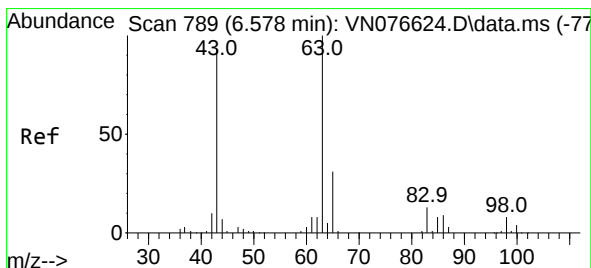
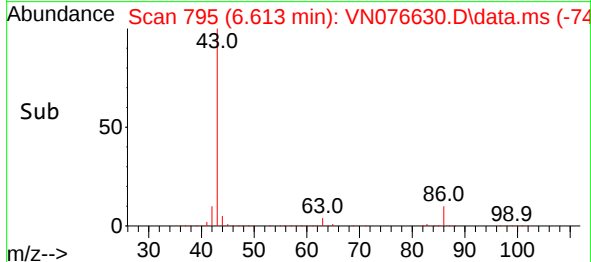
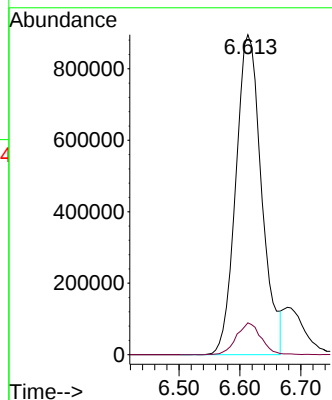
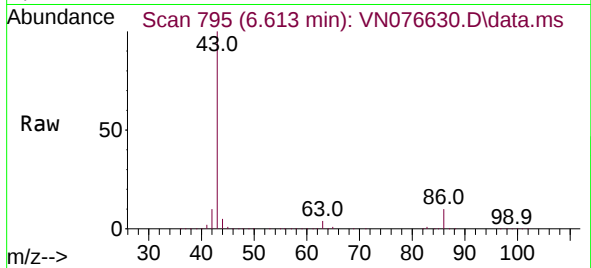
#23
 Vinyl Acetate
 Concen: 299.021 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 263402
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

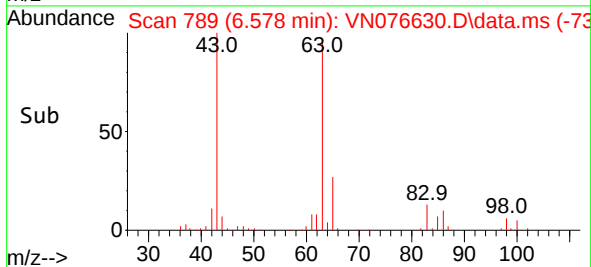
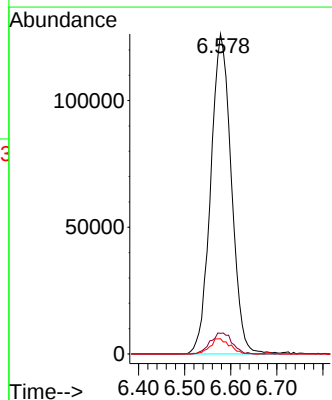
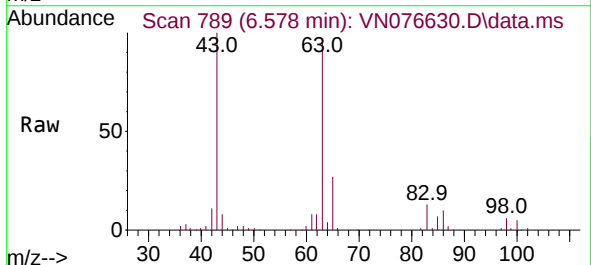
Manual Integrations
 APPROVED

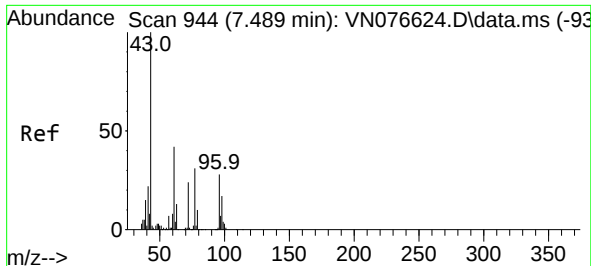
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#24
 1,1-Dichloroethane
 Concen: 48.071 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

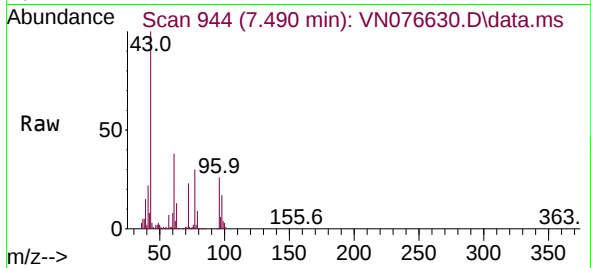
Tgt Ion: 63 Resp: 392237
 Ion Ratio Lower Upper
 63 100
 98 6.5 4.1 12.3
 100 4.7 2.0 5.8





#25
2-Butanone
Concen: 256.033 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

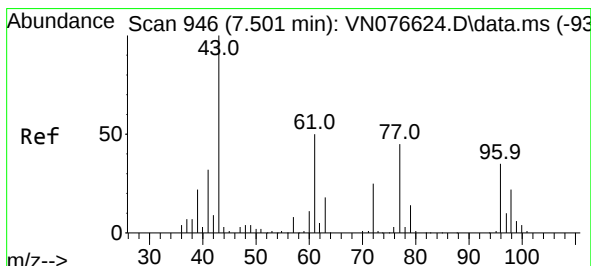
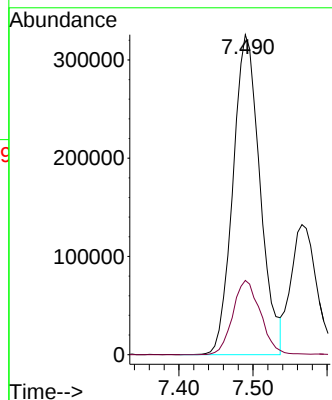
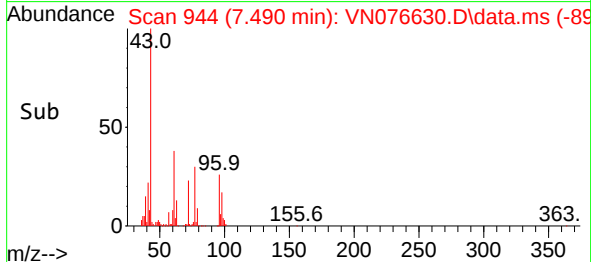
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 826784
Ion Ratio Lower Upper
43 100
72 23.2 19.4 29.2

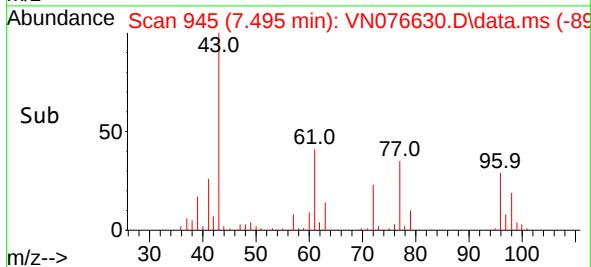
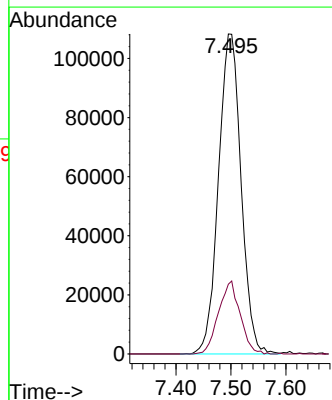
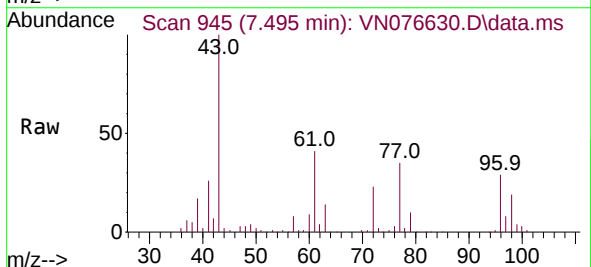
Manual Integrations
APPROVED

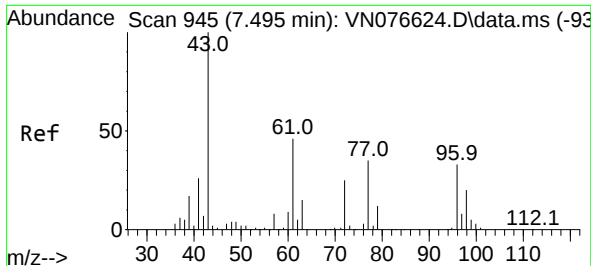
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#26
2,2-Dichloropropane
Concen: 52.526 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

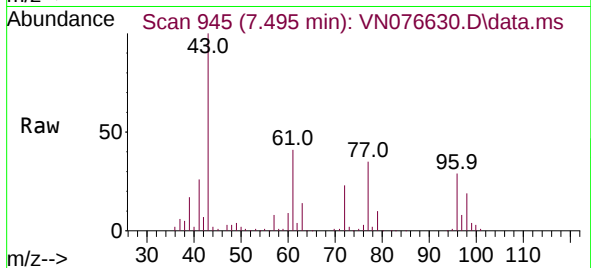
Tgt Ion: 77 Resp: 309140
Ion Ratio Lower Upper
77 100
97 21.8 11.9 35.7





#27
 cis-1,2-Dichloroethene
 Concen: 48.273 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

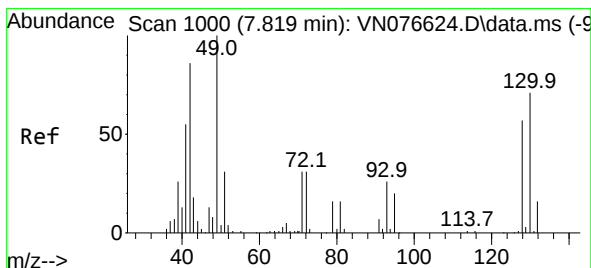
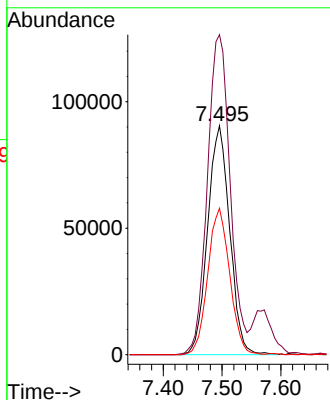
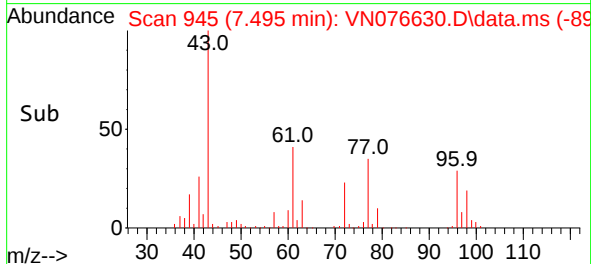
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 236109
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 286.8
 98 63.5 0.0 124.0

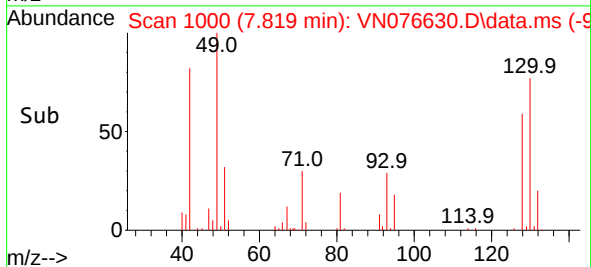
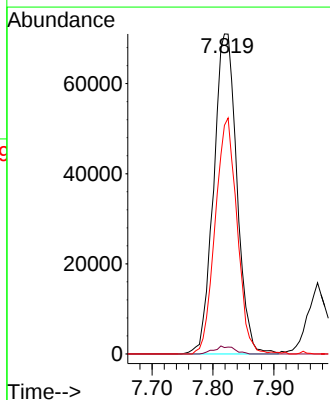
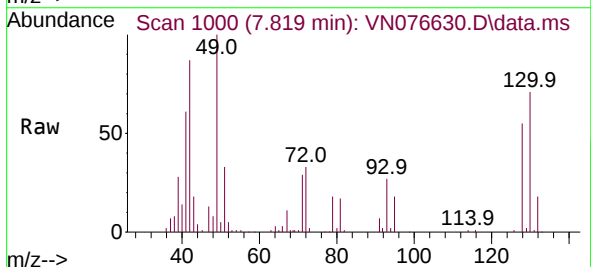
Manual Integrations
 APPROVED

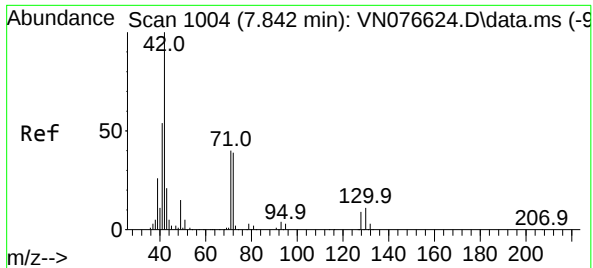
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023



#28
 Bromochloromethane
 Concen: 48.488 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

Tgt Ion: 49 Resp: 188302
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 69.7 57.8 86.8





#29

Tetrahydrofuran

Concen: 259.319 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 547114

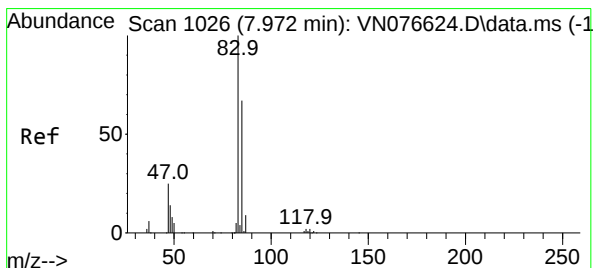
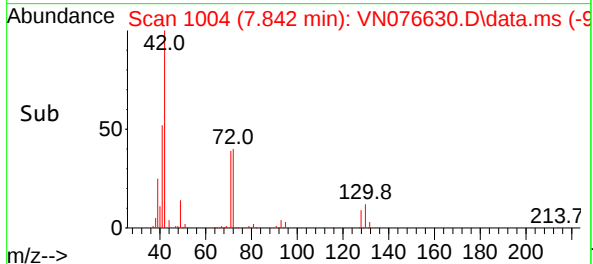
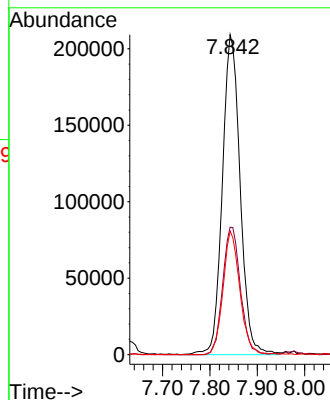
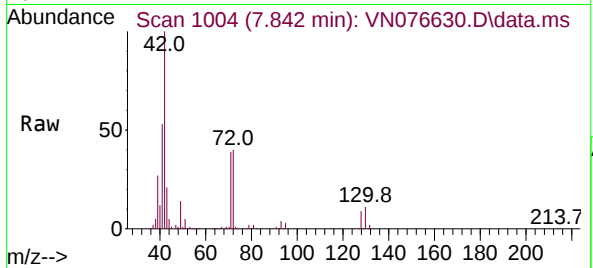
Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.5	47.3
71	36.7	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#30

Chloroform

Concen: 48.841 ug/l

RT: 7.972 min Scan# 1026

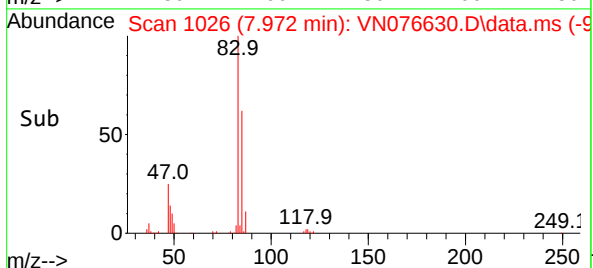
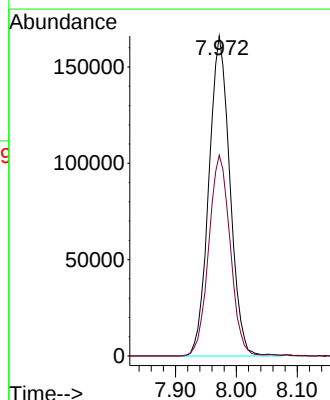
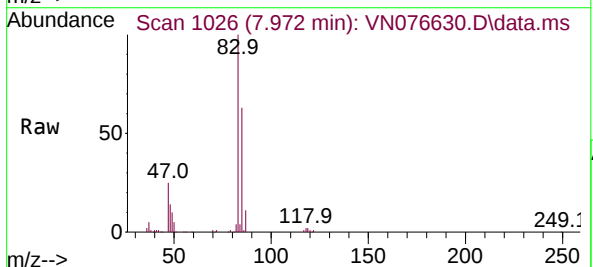
Delta R.T. 0.000 min

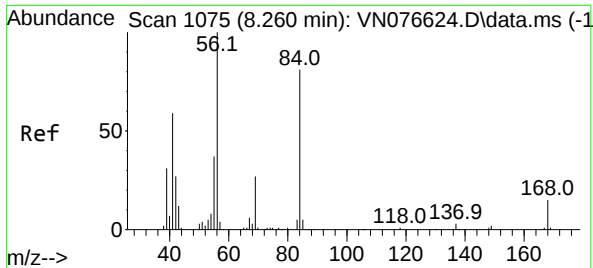
Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Tgt Ion: 83 Resp: 398176

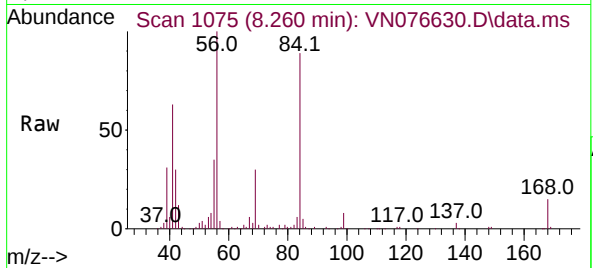
Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.5	80.3





#31
Cyclohexane
Concen: 47.793 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

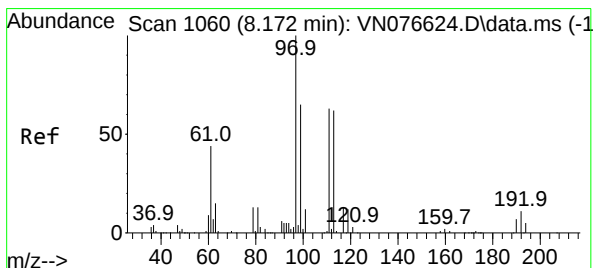
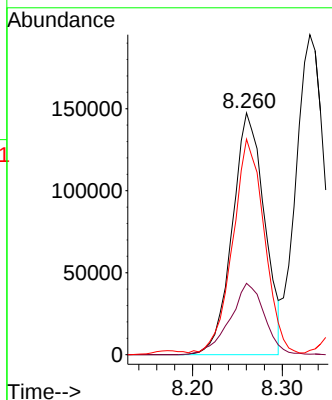
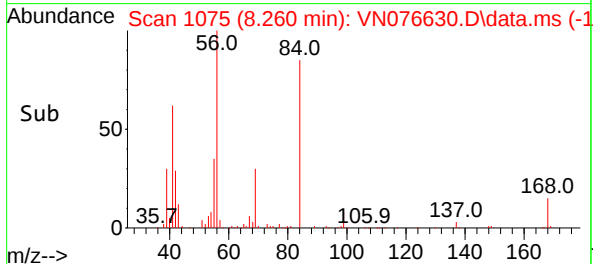
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



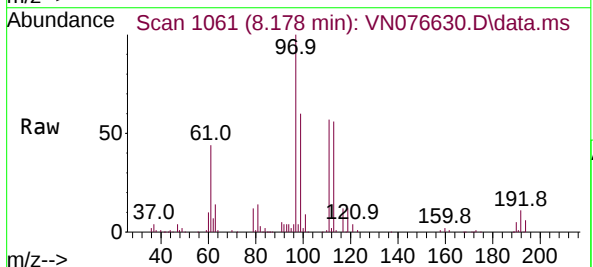
Tgt Ion: 56 Resp: 367425
Ion Ratio Lower Upper
56 100
69 29.5 21.6 32.4
84 87.9 65.1 97.7

Manual Integrations
APPROVED

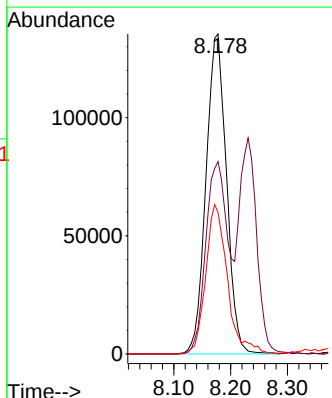
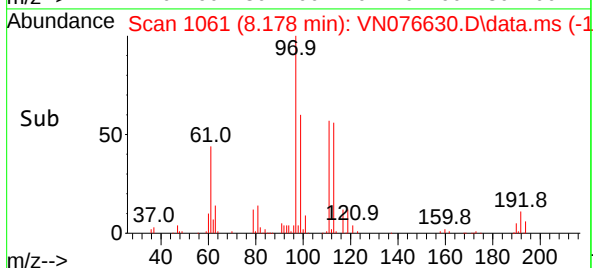
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

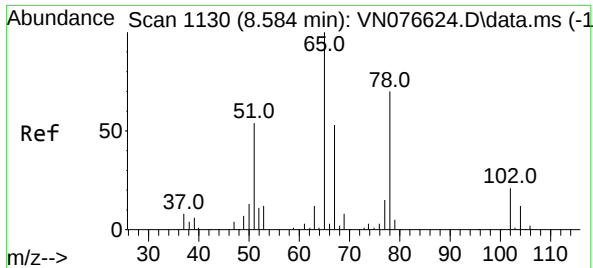


#32
1,1,1-Trichloroethane
Concen: 49.331 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion: 97 Resp: 338142
Ion Ratio Lower Upper
97 100
99 66.7 51.2 76.8
61 49.6 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 47.704 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 233792

Ion Ratio Lower Upper

65 100

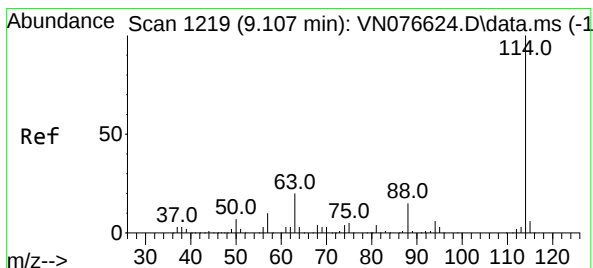
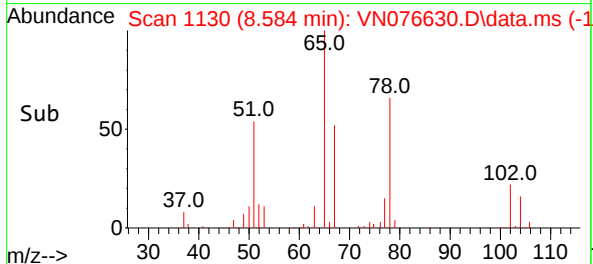
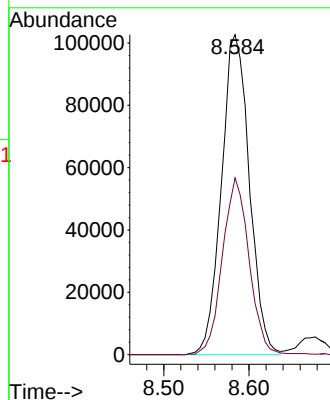
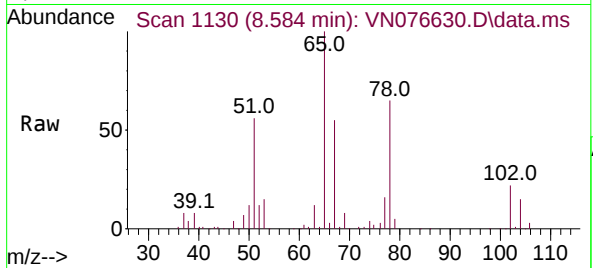
67 52.9 0.0 105.6

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: VN076630.D

Acq: 13 Feb 2023 15:48

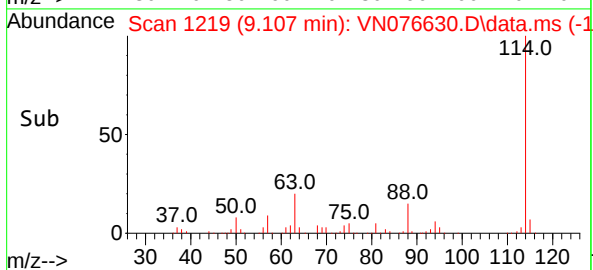
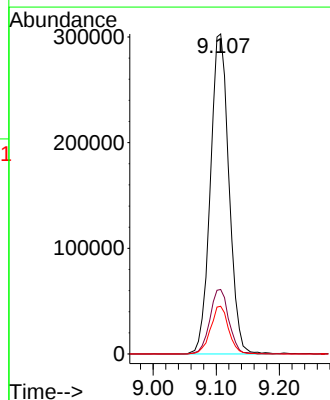
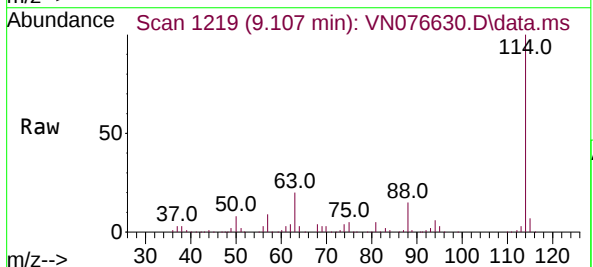
Tgt Ion:114 Resp: 618085

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 14.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 46.687 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 188978

Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

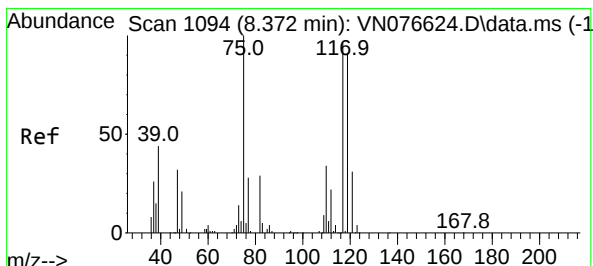
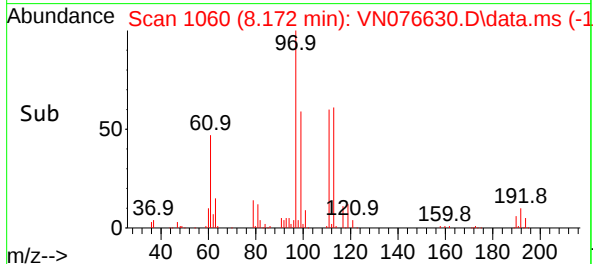
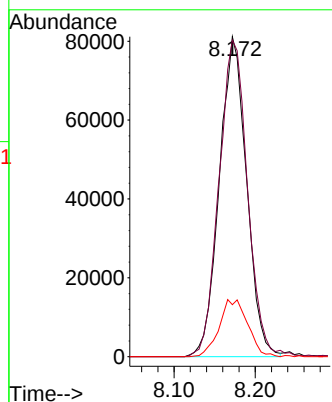
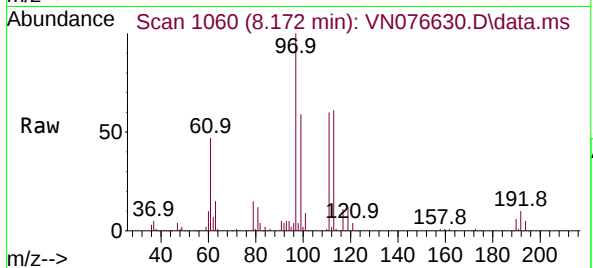
192 18.7 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#36

1,1-Dichloropropene

Concen: 50.982 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

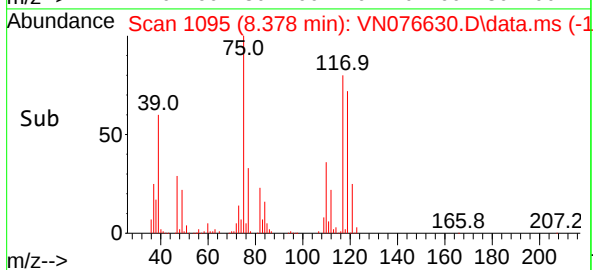
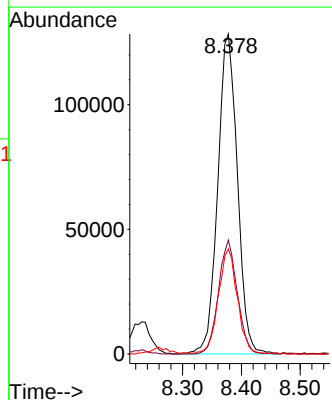
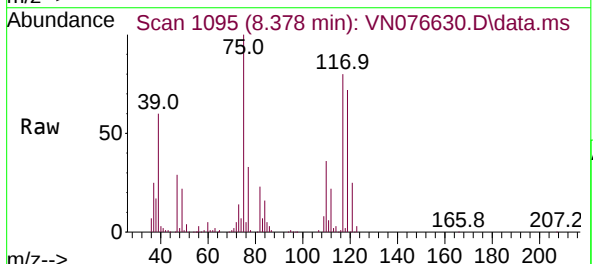
Tgt Ion: 75 Resp: 298156

Ion Ratio Lower Upper

75 100

110 34.2 17.5 52.5

77 31.4 24.5 36.7





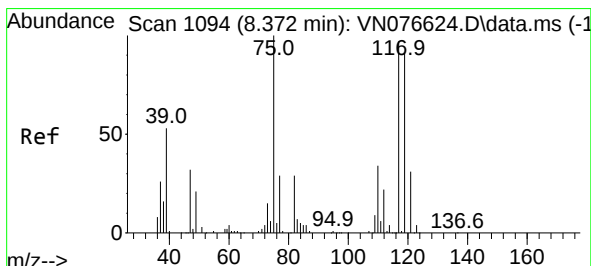
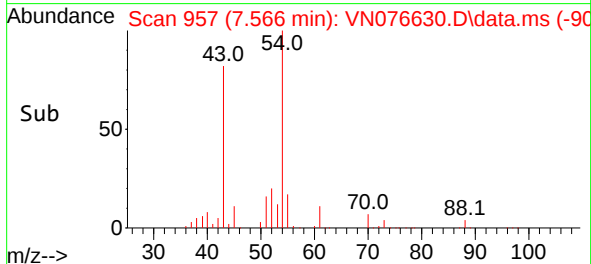
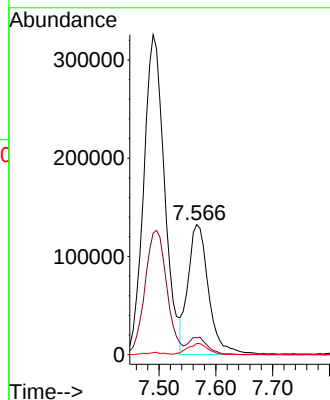
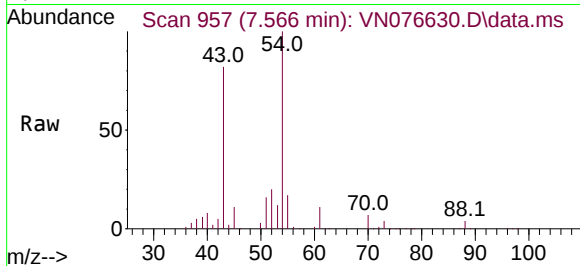
#37
Ethyl Acetate
Concen: 53.935 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 331870
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 8.6 7.8 11.6

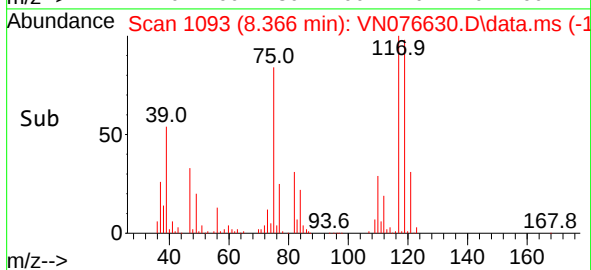
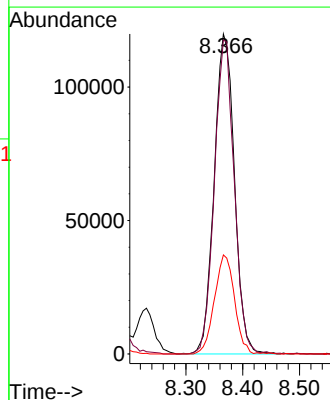
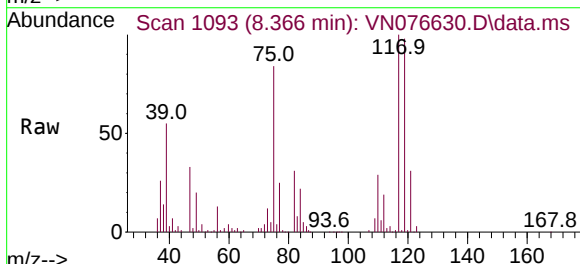
Manual Integrations
APPROVED

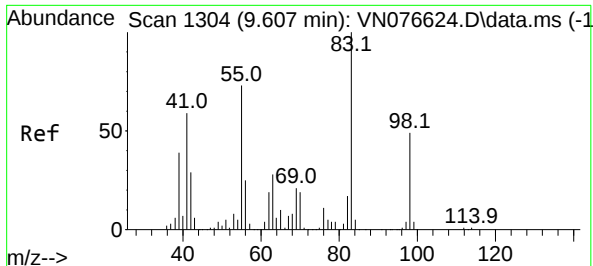
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#38
Carbon Tetrachloride
Concen: 50.235 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Tgt Ion:117 Resp: 296371
Ion Ratio Lower Upper
117 100
119 98.1 75.4 113.0
121 30.9 26.0 39.0





#39

Methylcyclohexane

Concen: 56.096 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 372900

Ion Ratio Lower Upper

83 100

55 73.8 58.6 88.0

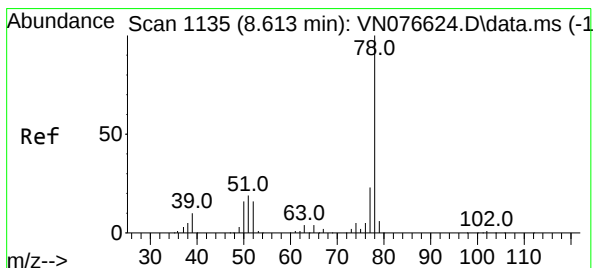
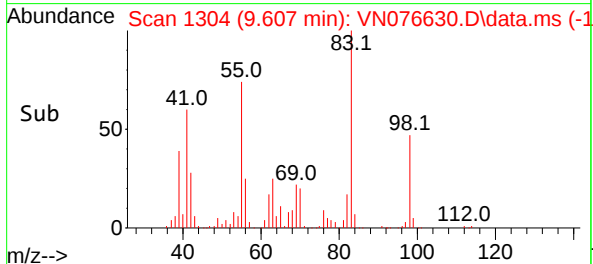
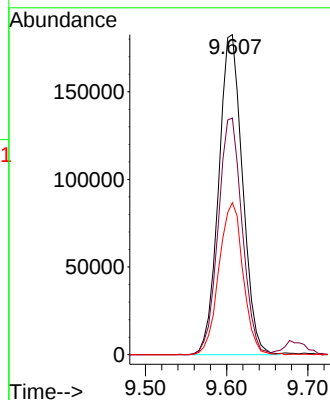
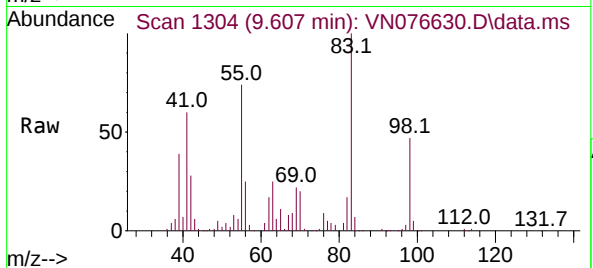
98 47.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#40

Benzene

Concen: 50.889 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN076630.D

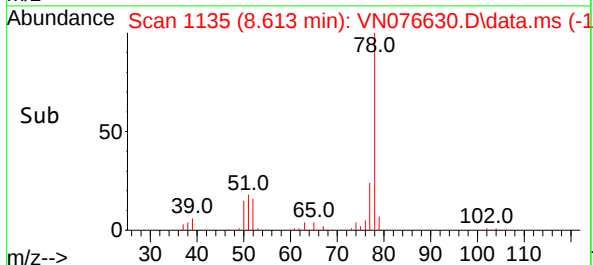
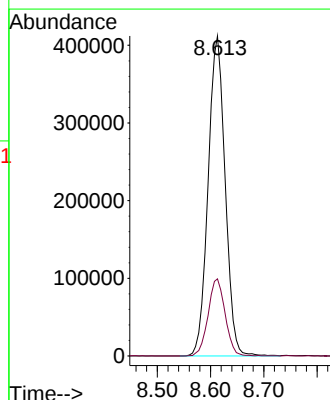
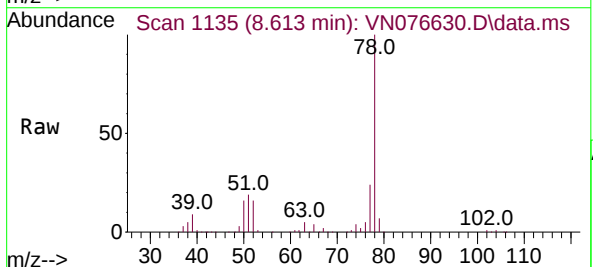
Acq: 13 Feb 2023 15:48

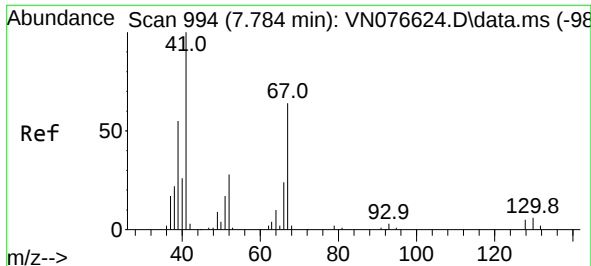
Tgt Ion: 78 Resp: 913944

Ion Ratio Lower Upper

78 100

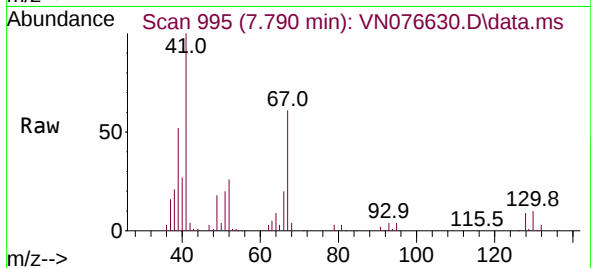
77 24.1 18.2 27.4





#41
Methacrylonitrile
Concen: 53.239 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

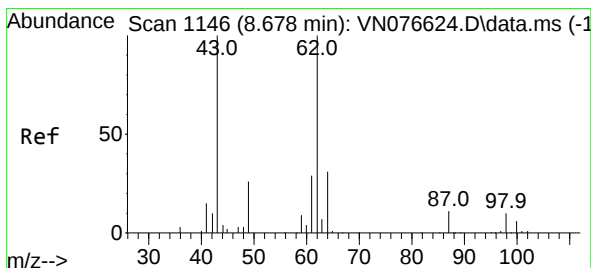
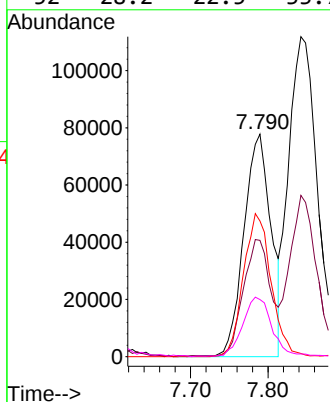
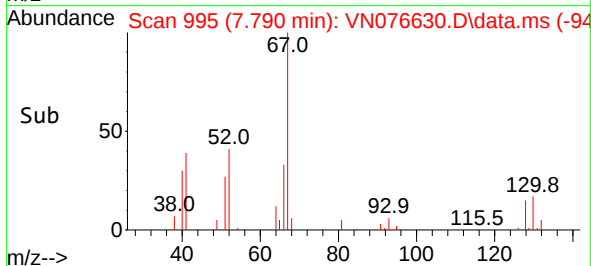
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 18977
Ion Ratio Lower Upper
41 100
39 52.5 42.6 63.8
67 65.4 51.4 77.0
52 28.2 22.5 33.7

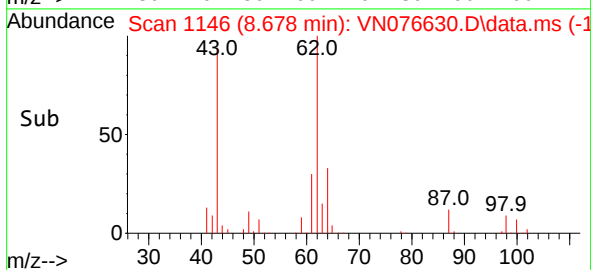
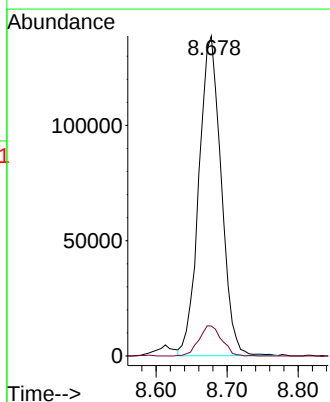
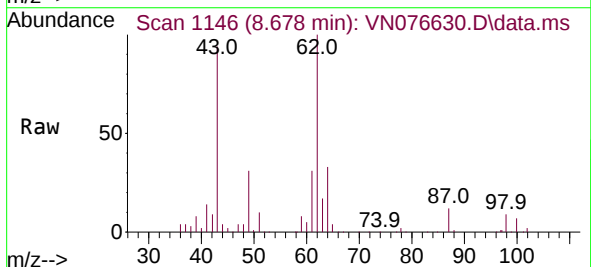
Manual Integrations
APPROVED

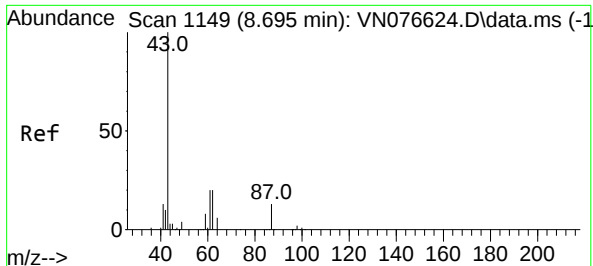
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#42
1,2-Dichloroethane
Concen: 48.331 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

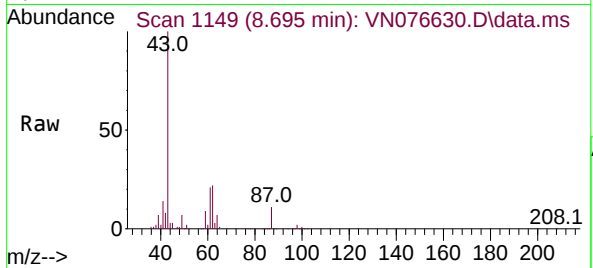
Tgt Ion: 62 Resp: 302734
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 54.682 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

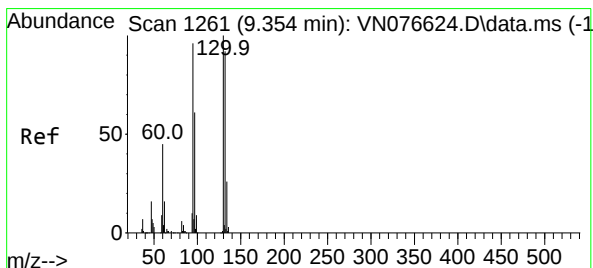
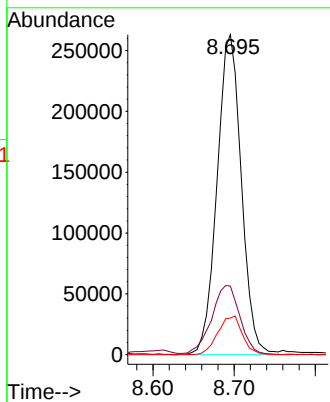
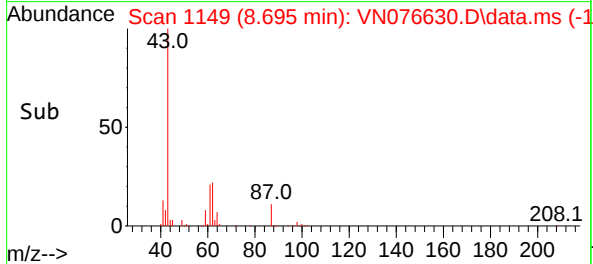
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 547514
Ion Ratio Lower Upper
43 100
61 25.3 20.0 30.0
87 12.2 9.9 14.9

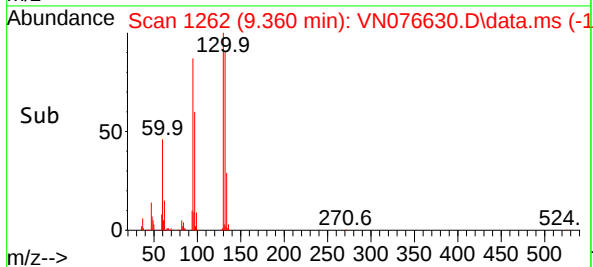
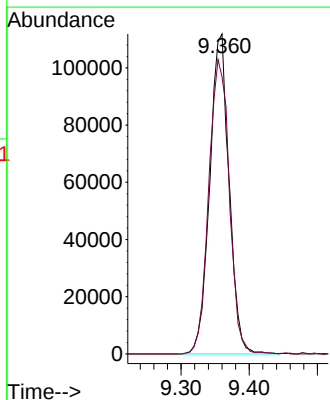
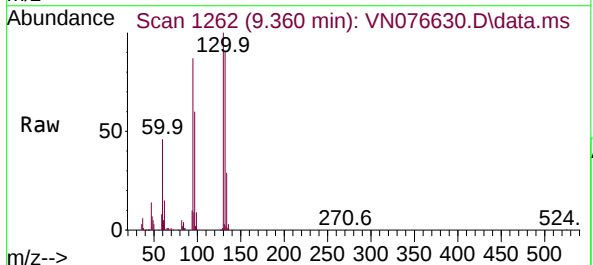
Manual Integrations
APPROVED

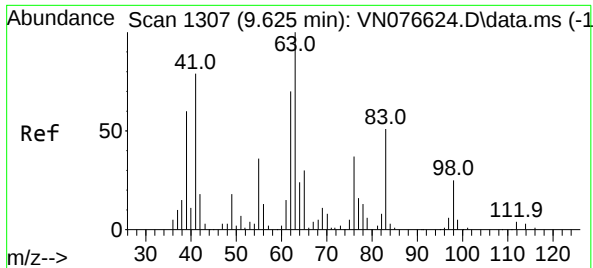
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#44
Trichloroethene
Concen: 52.029 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

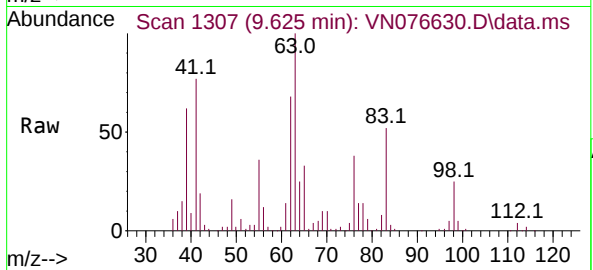
Tgt Ion:130 Resp: 220813
Ion Ratio Lower Upper
130 100
95 86.5 0.0 191.4





#45
1,2-Dichloropropane
Concen: 50.522 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

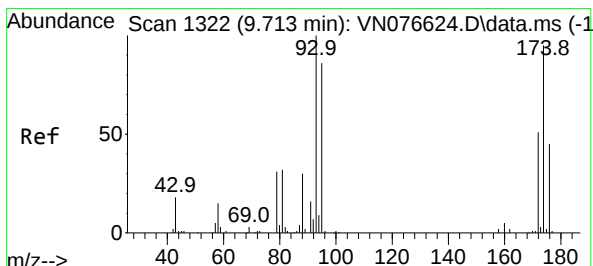
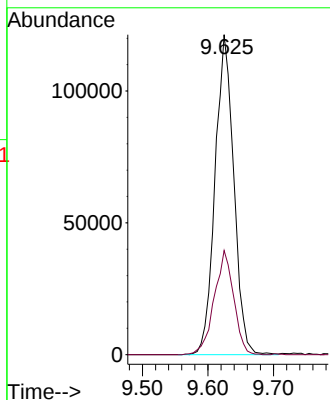
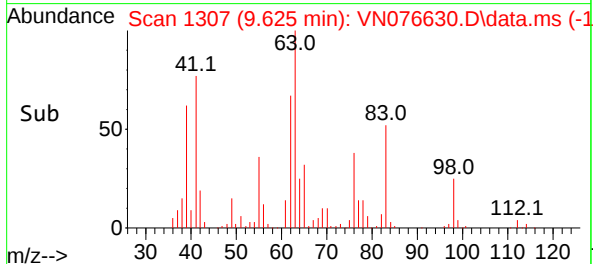
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



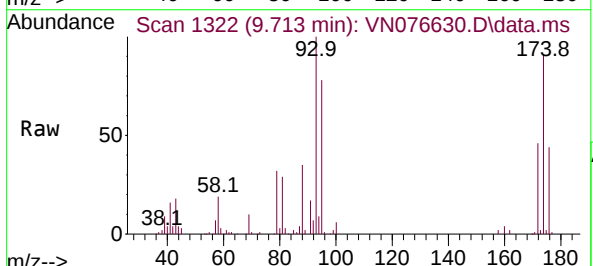
Tgt Ion: 63 Resp: 240190
Ion Ratio Lower Upper
63 100
65 32.6 24.2 36.2

Manual Integrations
APPROVED

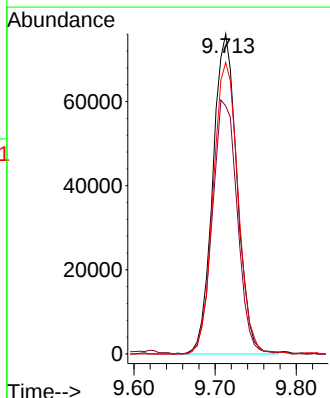
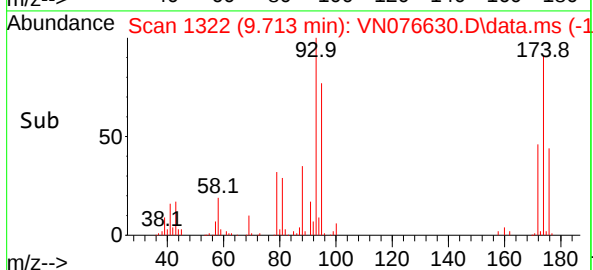
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

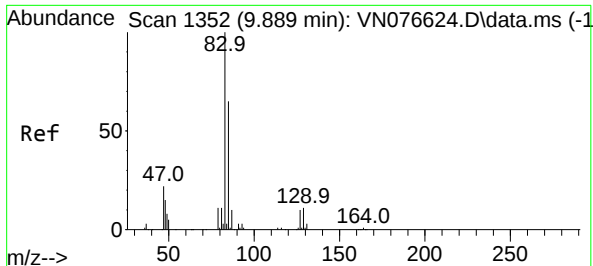


#46
Dibromomethane
Concen: 51.867 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion: 93 Resp: 157646
Ion Ratio Lower Upper
93 100
95 81.6 66.0 99.0
174 93.4 75.8 113.8





#47

Bromodichloromethane

Concen: 52.033 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 317079

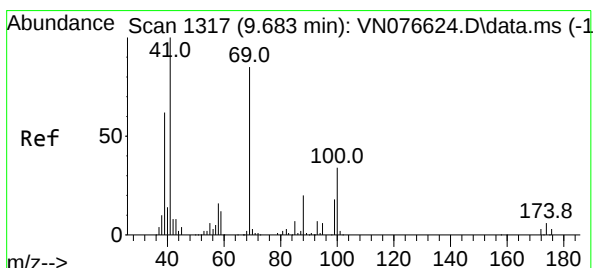
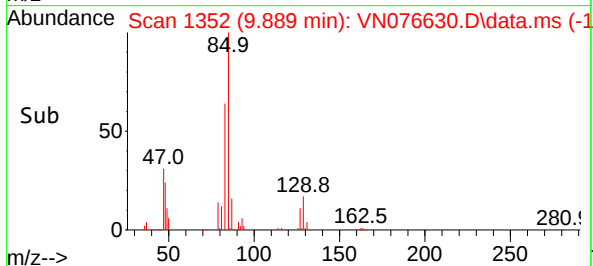
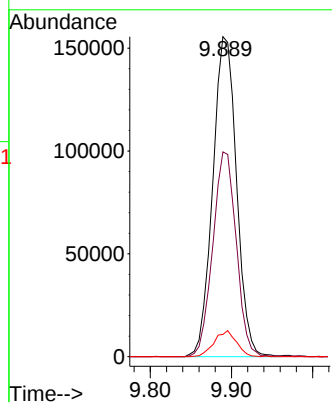
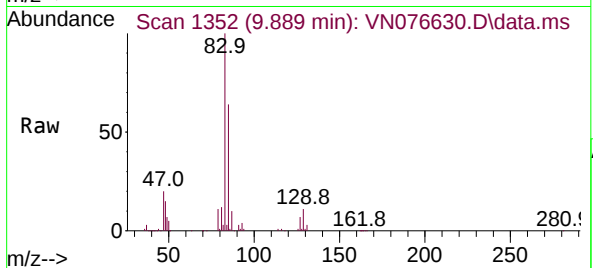
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.6
127	6.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#48

Methyl methacrylate

Concen: 54.202 ug/l

RT: 9.684 min Scan# 1317

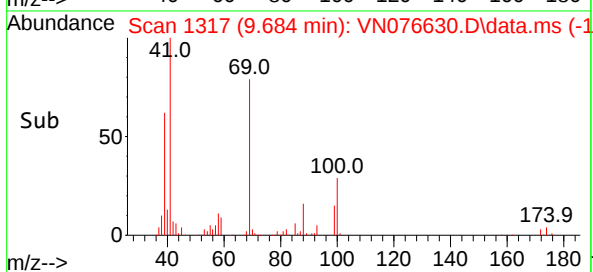
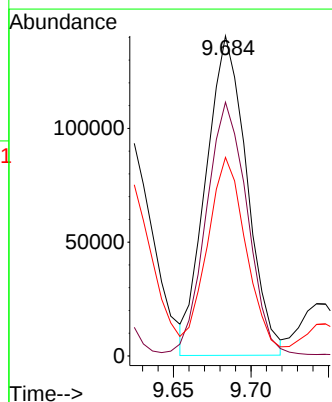
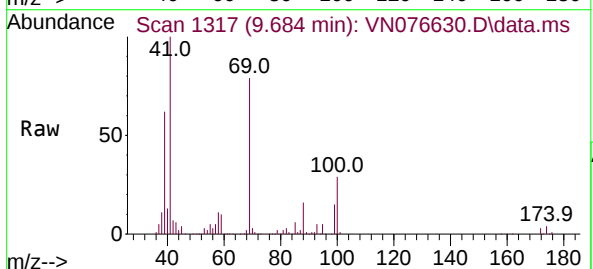
Delta R.T. 0.000 min

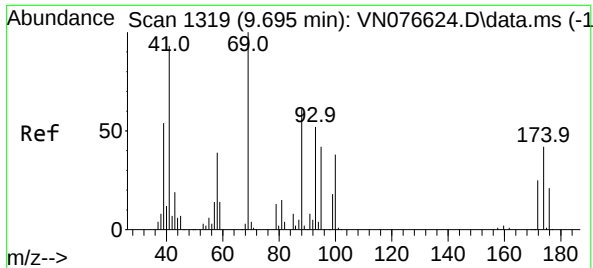
Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Tgt Ion: 41 Resp: 257529

Ion	Ratio	Lower	Upper
41	100		
69	80.5	65.4	98.0
39	59.9	49.3	73.9





#49

1,4-Dioxane

Concen: 1118.025 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 9188

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8

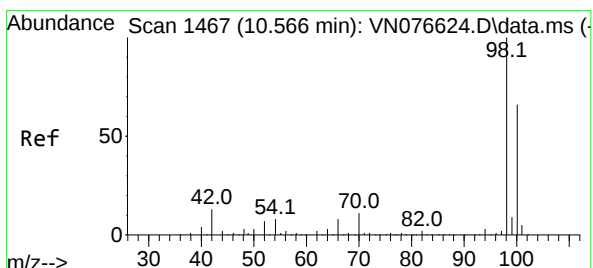
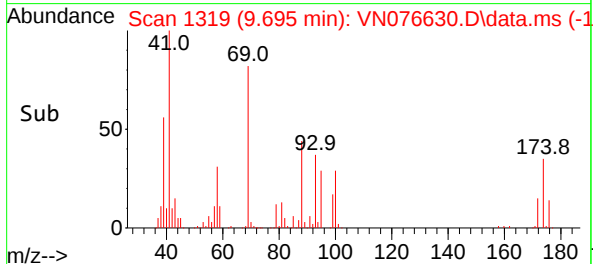
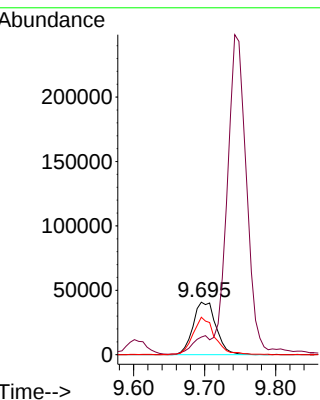
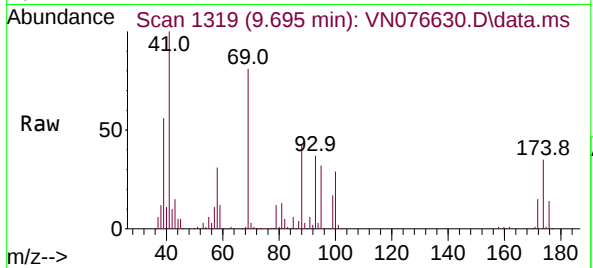
58 67.7 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#50

Toluene-d8

Concen: 49.534 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076630.D

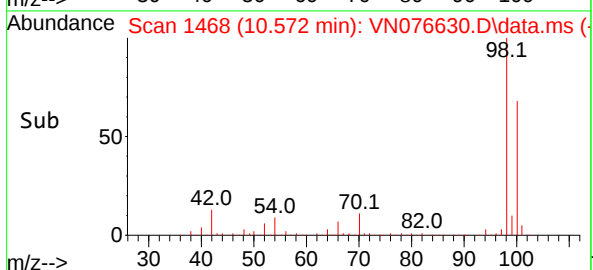
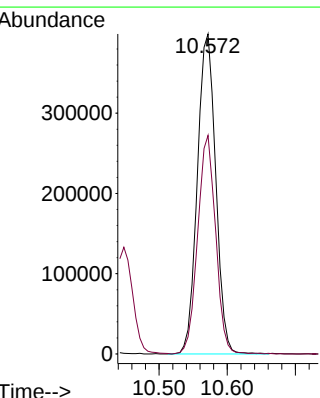
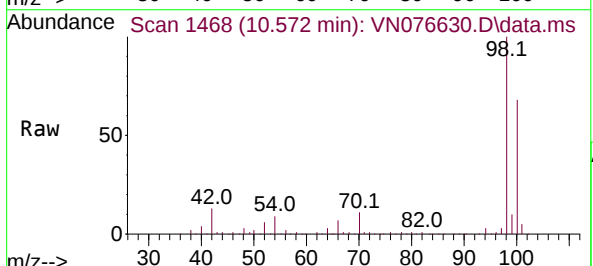
Acq: 13 Feb 2023 15:48

Tgt Ion: 98 Resp: 748783

Ion Ratio Lower Upper

98 100

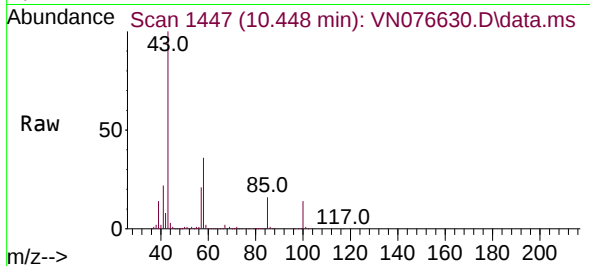
100 66.8 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 270.287 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

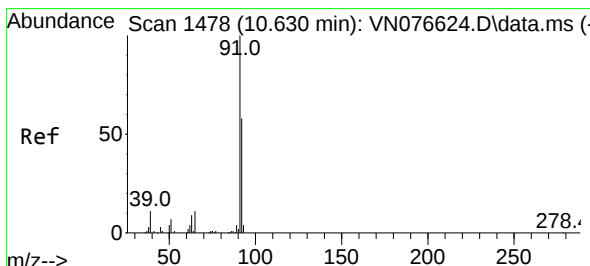
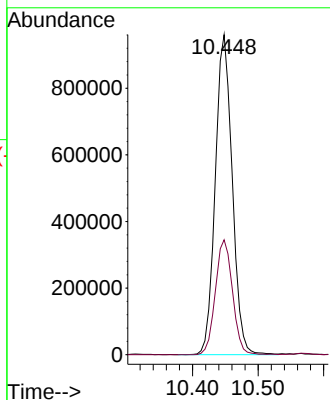
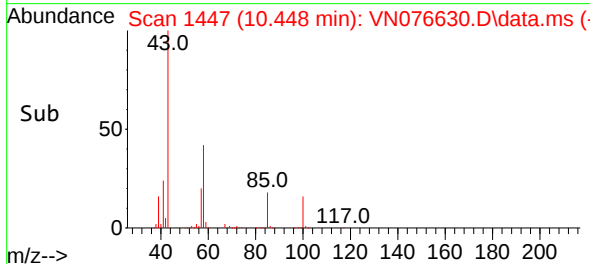
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 172186
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3

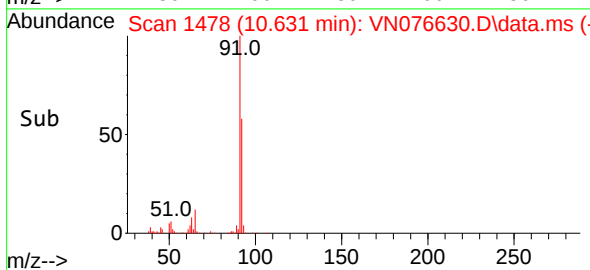
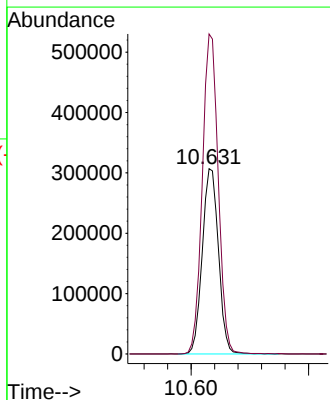
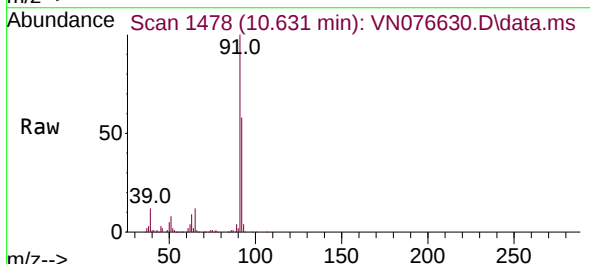
Manual Integrations
APPROVED

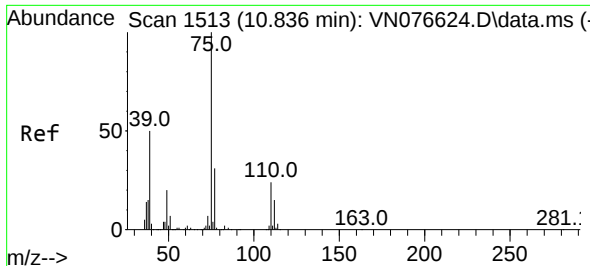
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#52
Toluene
Concen: 53.908 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

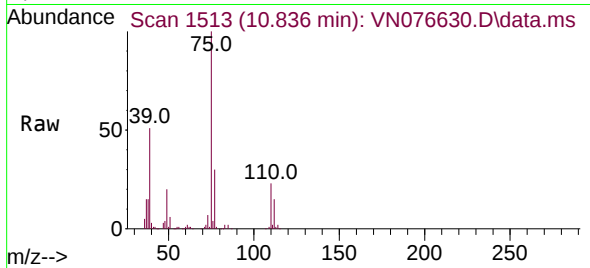
Tgt Ion: 92 Resp: 584527
Ion Ratio Lower Upper
92 100
91 170.3 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 56.478 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

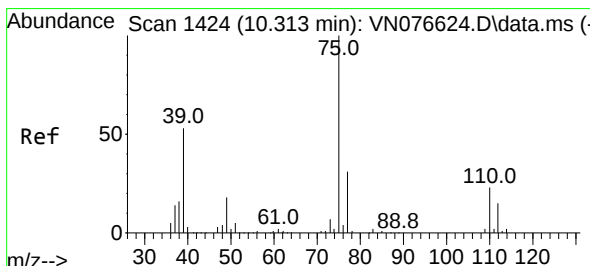
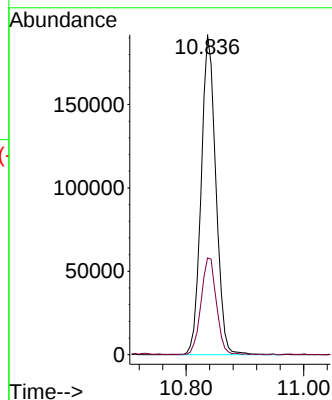
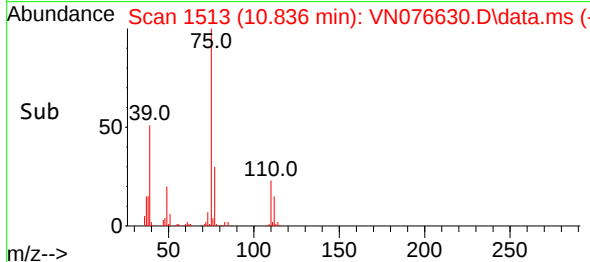
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 332180
Ion Ratio Lower Upper
75 100
77 30.2 24.6 37.0

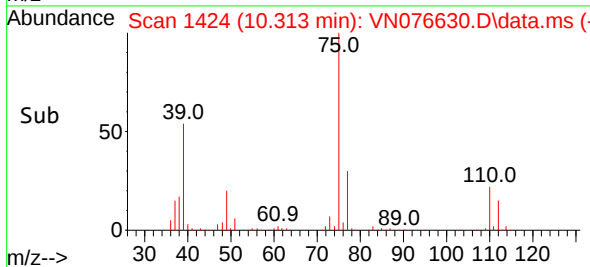
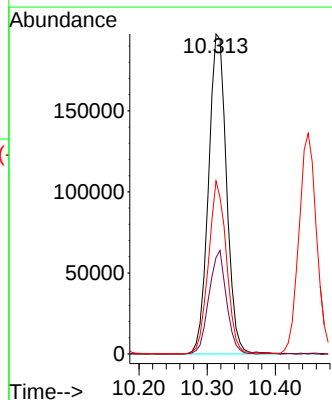
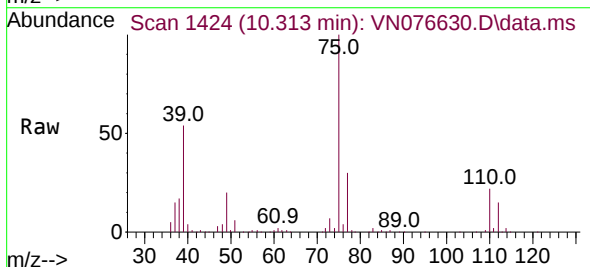
Manual Integrations
APPROVED

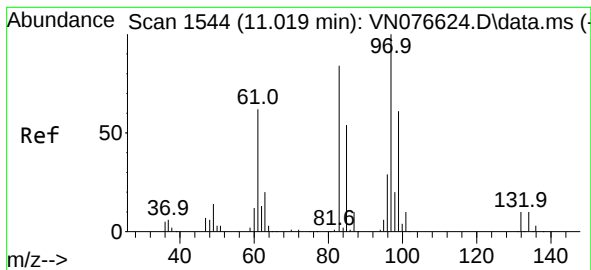
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#54
cis-1,3-Dichloropropene
Concen: 53.569 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

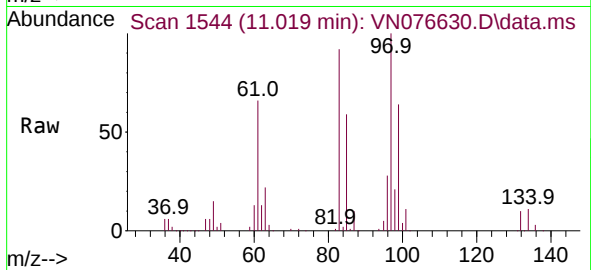
Tgt Ion: 75 Resp: 363430
Ion Ratio Lower Upper
75 100
77 30.1 25.1 37.7
39 53.9 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 51.750 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

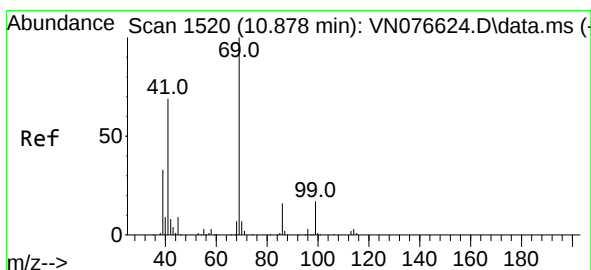
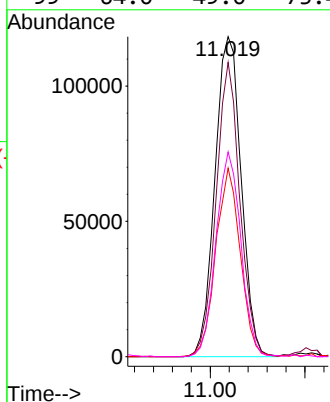
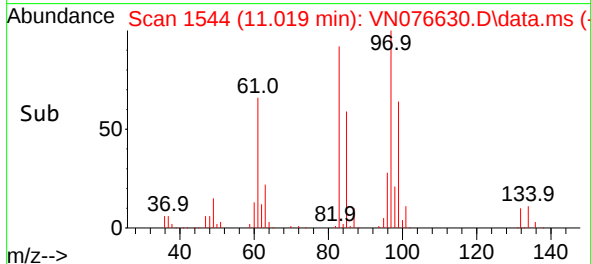
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



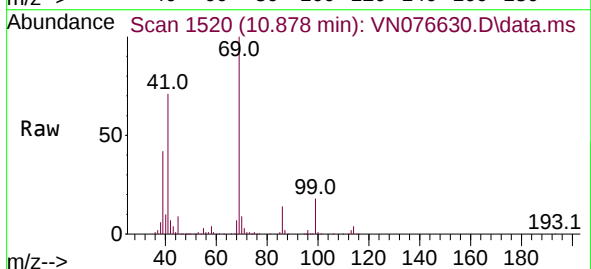
Tgt Ion: 97 Resp: 228170
Ion Ratio Lower Upper
97 100
83 92.0 67.3 100.9
85 58.9 43.2 64.8
99 64.0 49.0 73.4

Manual Integrations
APPROVED

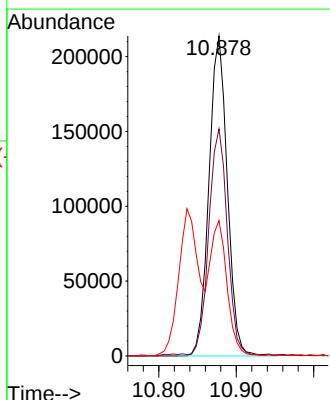
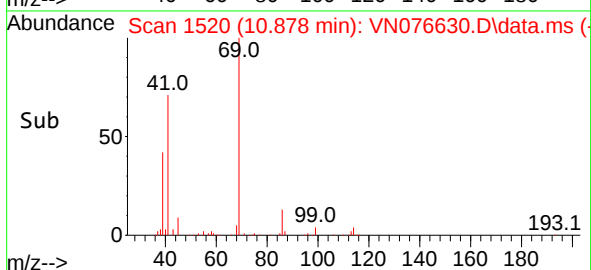
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#56
Ethyl methacrylate
Concen: 56.852 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion: 69 Resp: 352834
Ion Ratio Lower Upper
69 100
41 72.8 55.1 82.7
39 38.1 30.7 46.1





#57

1,3-Dichloropropane

Concen: 51.384 ug/l

RT: 11.166 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 389230

Ion Ratio Lower Upper

76 100

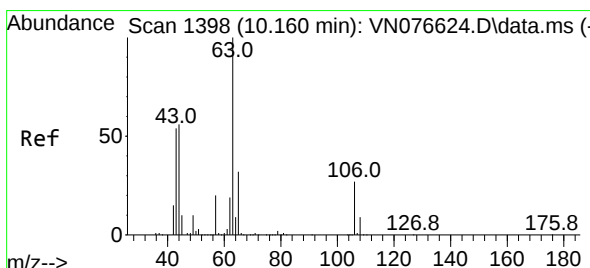
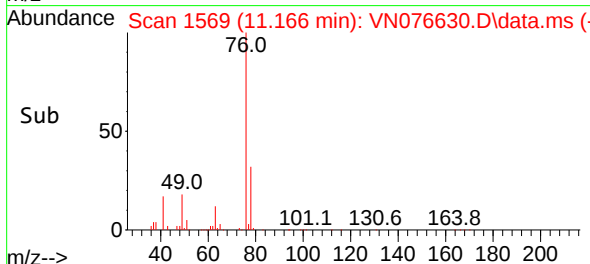
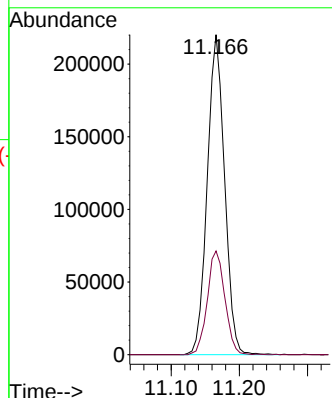
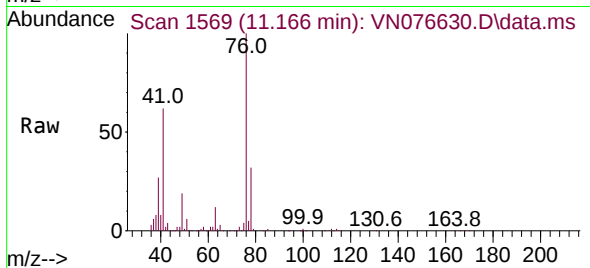
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#58

2-Chloroethyl Vinyl ether

Concen: 288.922 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076630.D

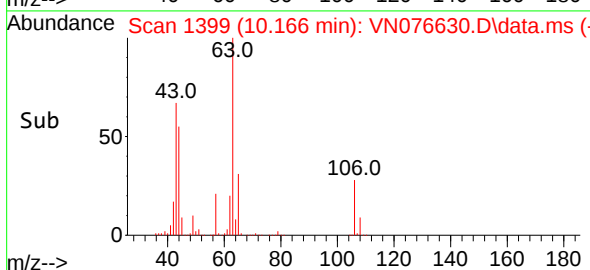
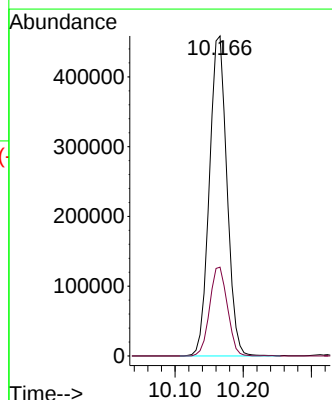
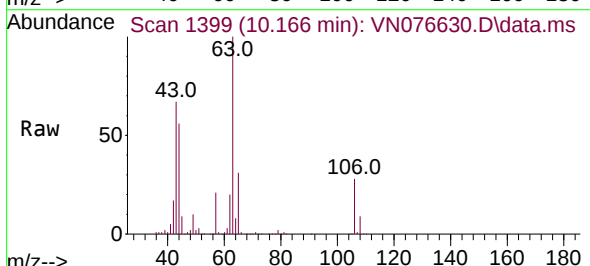
Acq: 13 Feb 2023 15:48

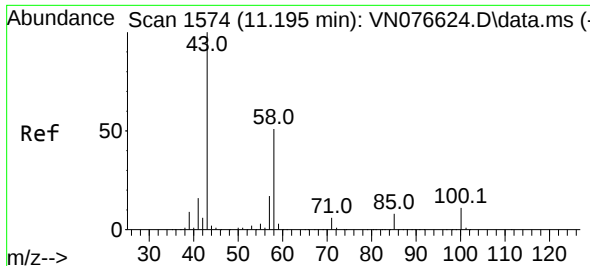
Tgt Ion: 63 Resp: 821199

Ion Ratio Lower Upper

63 100

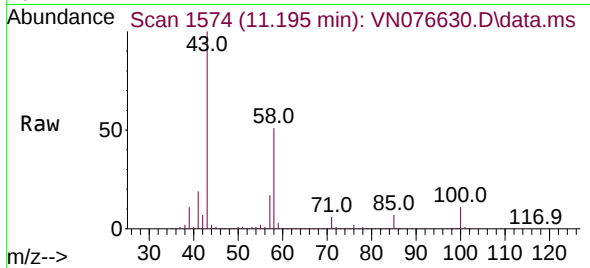
106 28.1 22.3 33.5





#59
2-Hexanone
Concen: 273.711 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

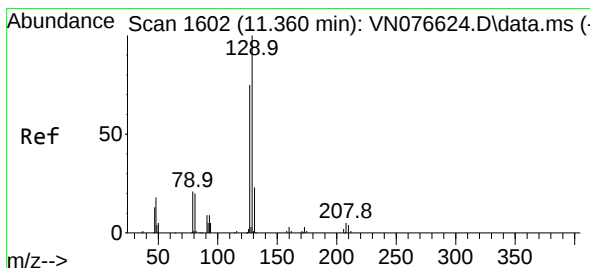
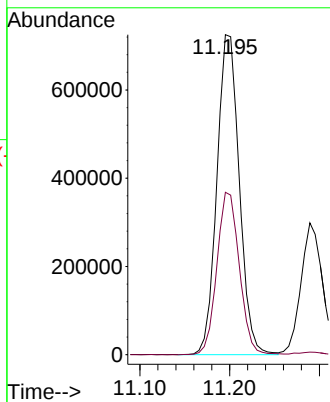
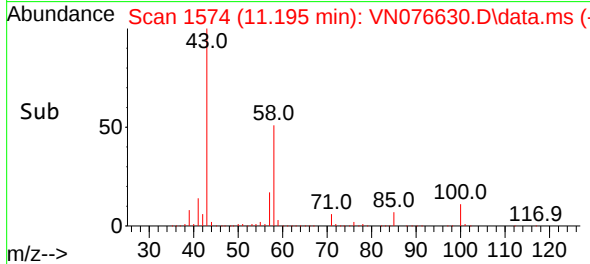
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 125725
Ion Ratio Lower Upper
43 100
58 50.9 25.4 76.0

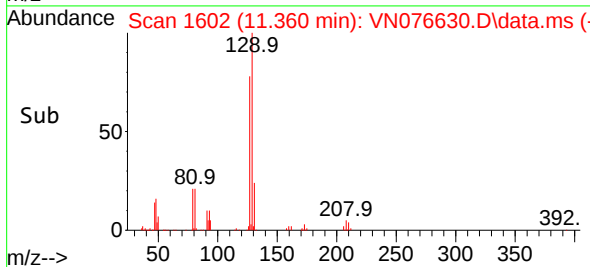
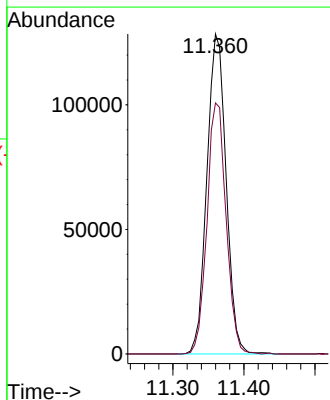
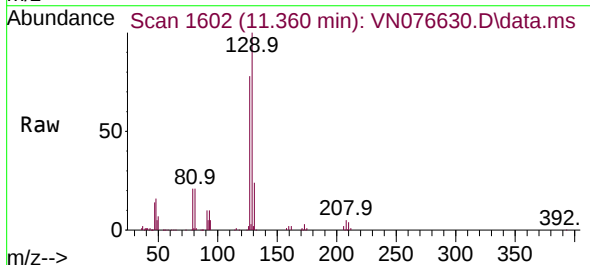
Manual Integrations
APPROVED

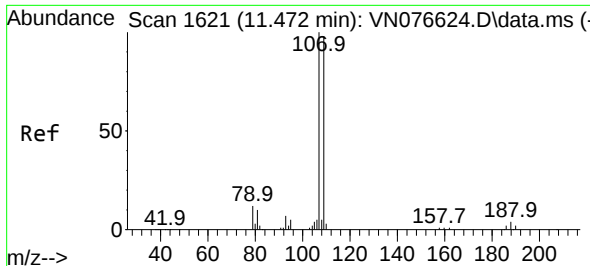
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#60
Dibromochloromethane
Concen: 51.970 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

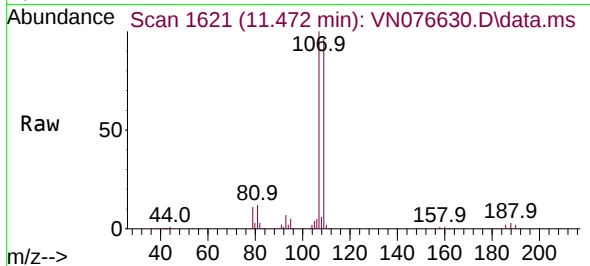
Tgt Ion:129 Resp: 241500
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.934 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

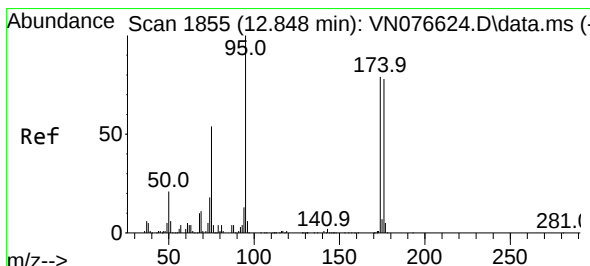
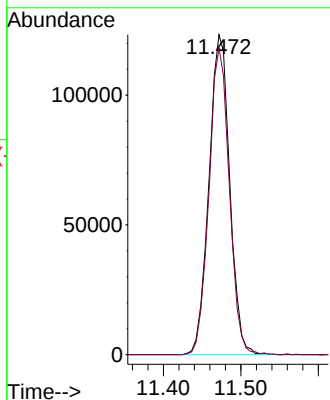
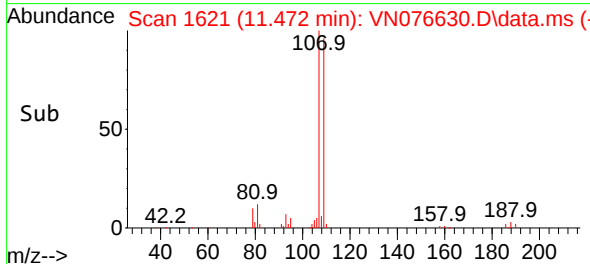
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



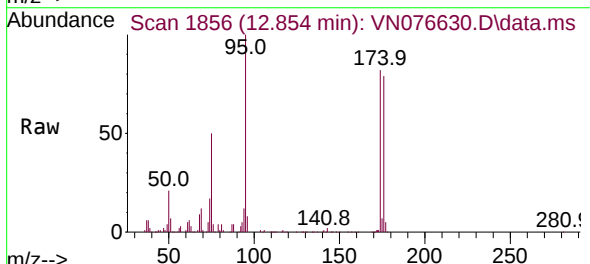
Tgt Ion:107 Resp: 229198
Ion Ratio Lower Upper
107 100
109 93.8 76.8 115.2

Manual Integrations
APPROVED

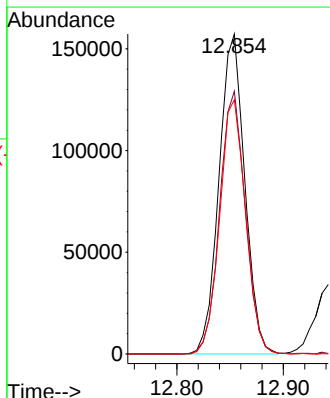
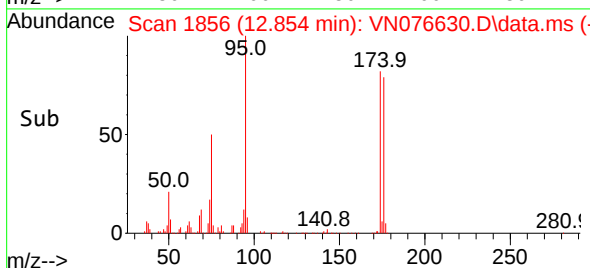
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

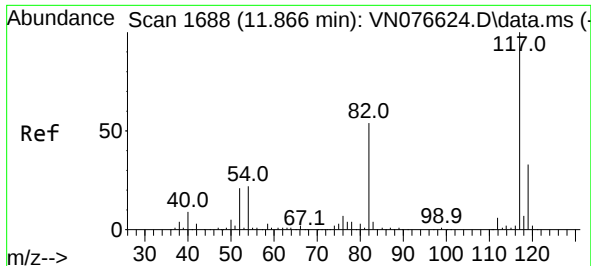


#62
4-Bromofluorobenzene
Concen: 52.648 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



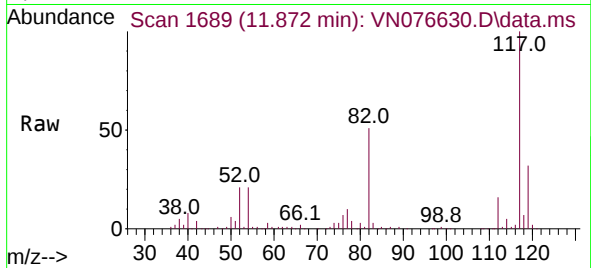
Tgt Ion: 95 Resp: 263586
Ion Ratio Lower Upper
95 100
174 81.7 0.0 169.2
176 80.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

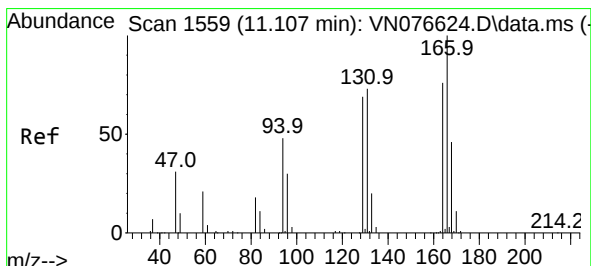
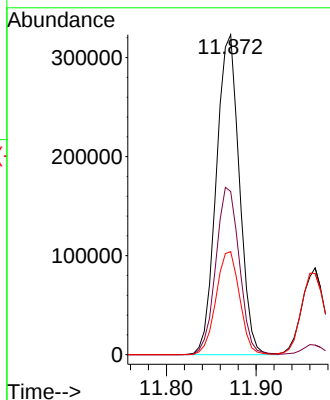
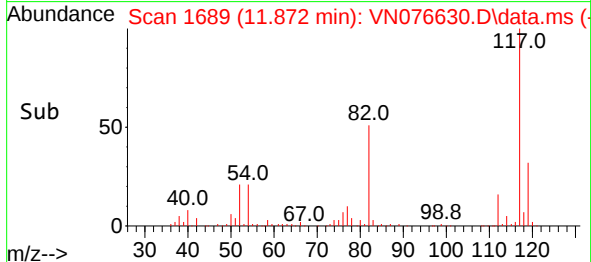
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 57649
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.2
119 32.2 26.1 39.1

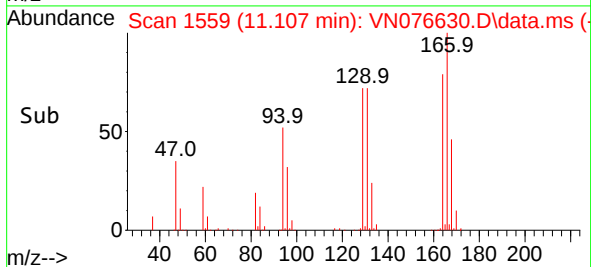
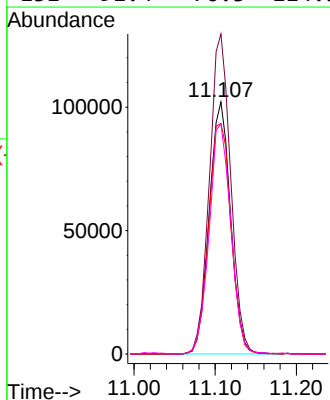
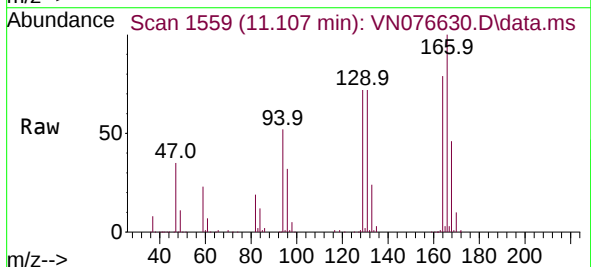
Manual Integrations
APPROVED

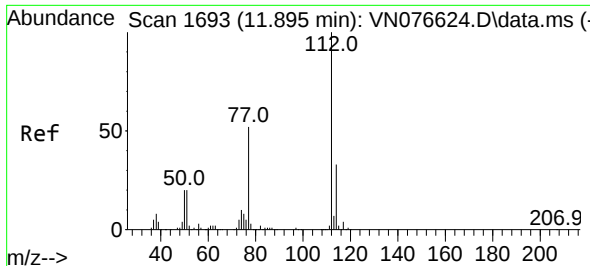
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#64
Tetrachloroethene
Concen: 51.424 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Tgt Ion:164 Resp: 186824
Ion Ratio Lower Upper
164 100
166 127.0 104.8 157.2
129 91.5 72.2 108.2
131 91.4 76.3 114.5





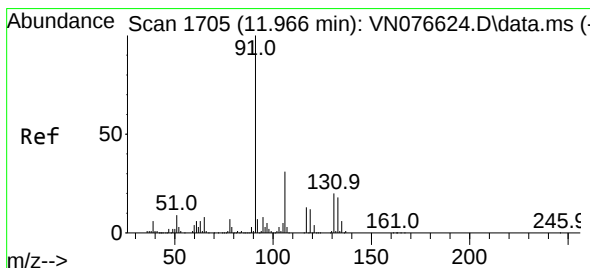
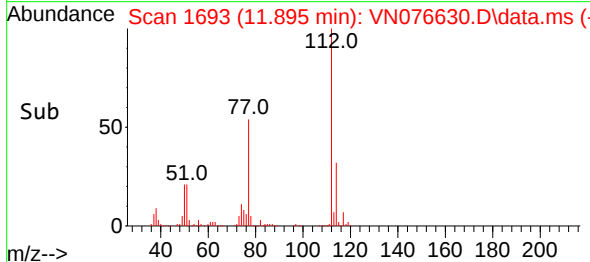
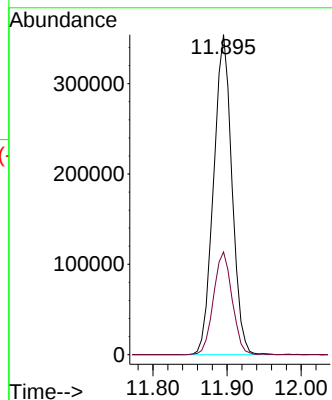
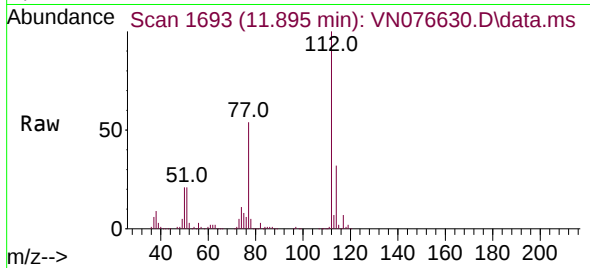
#65
Chlorobenzene
Concen: 49.782 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 60821
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6

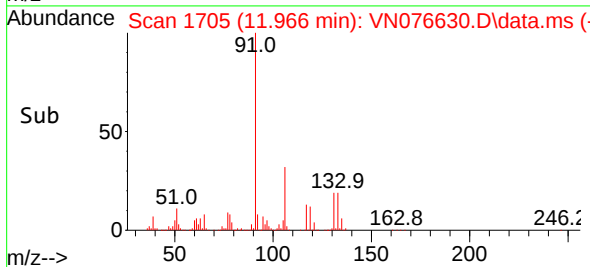
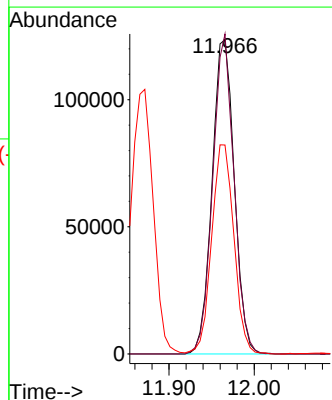
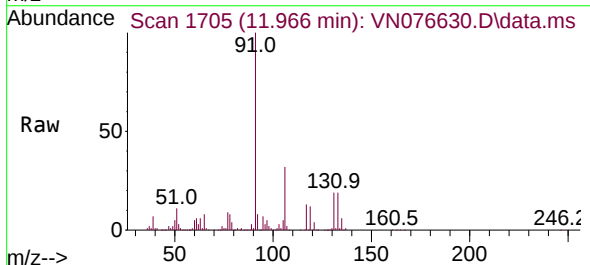
Manual Integrations
APPROVED

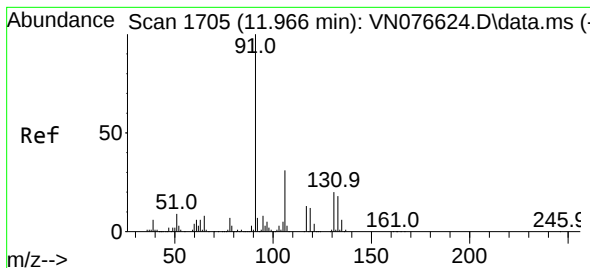
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.511 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

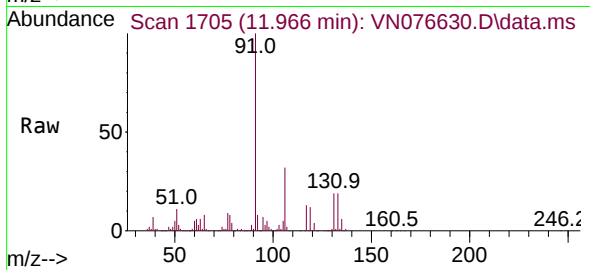
Tgt Ion:131 Resp: 224153
Ion Ratio Lower Upper
131 100
133 97.1 47.0 141.0
119 66.6 32.3 96.8





#67
Ethyl Benzene
Concen: 53.133 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

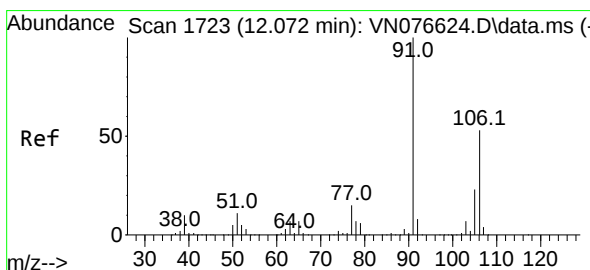
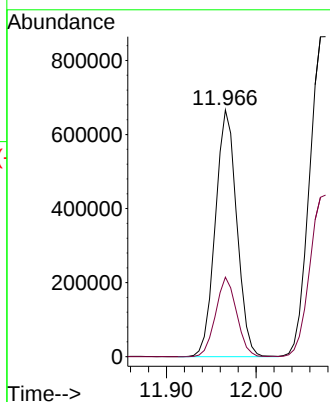
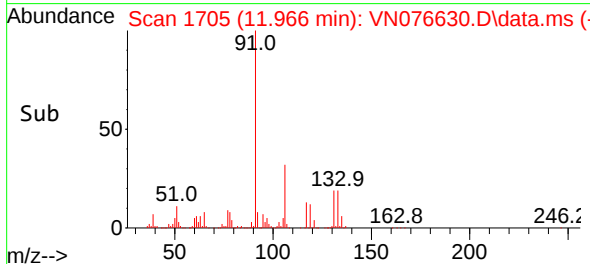
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



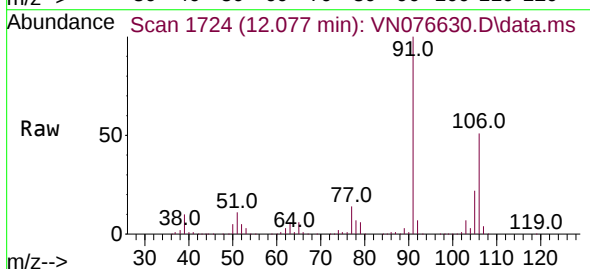
Tgt Ion: 91 Resp: 1105936
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

Manual Integrations
APPROVED

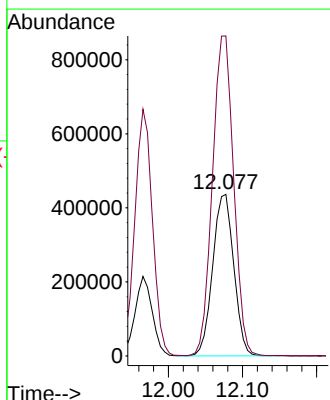
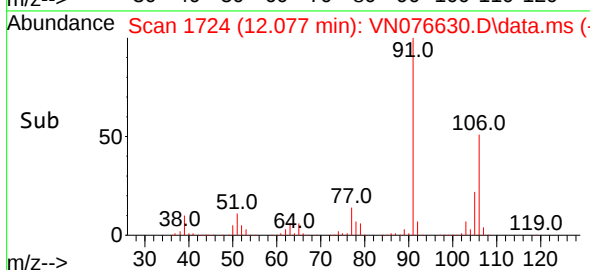
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

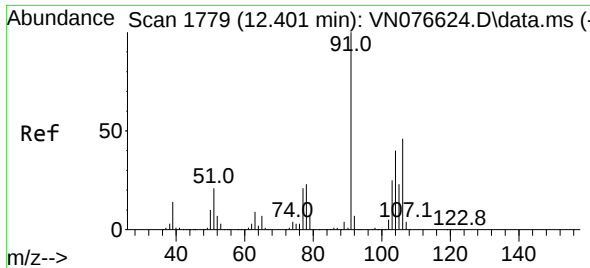


#68
m/p-Xylenes
Concen: 107.292 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion:106 Resp: 860805
Ion Ratio Lower Upper
106 100
91 199.0 154.7 232.1





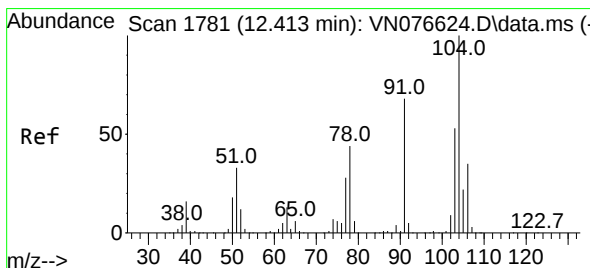
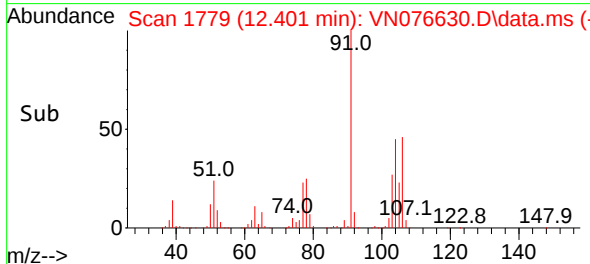
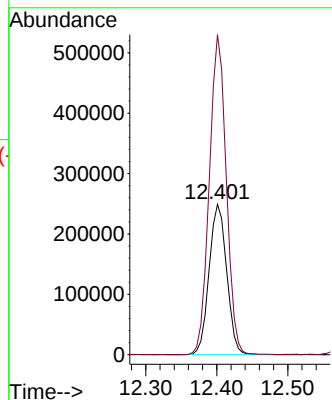
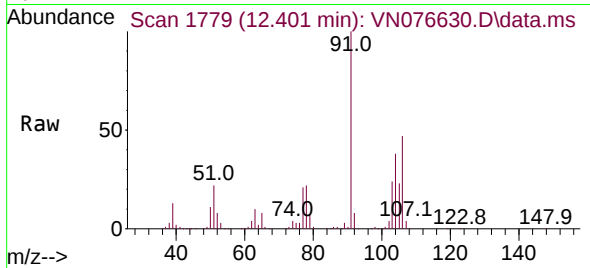
#69
o-Xylene
Concen: 54.649 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 427615
Ion Ratio Lower Upper
106 100
91 206.1 105.8 317.4

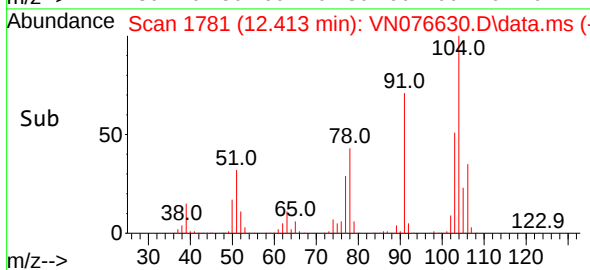
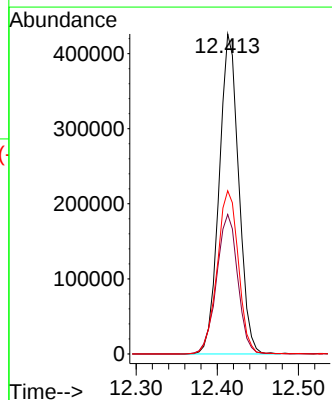
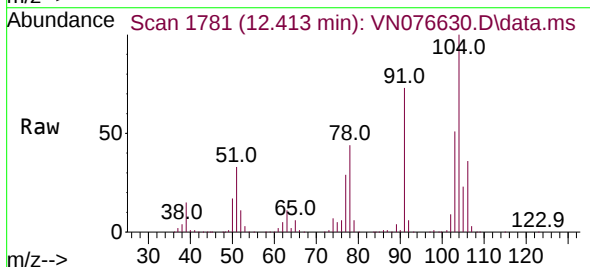
Manual Integrations
APPROVED

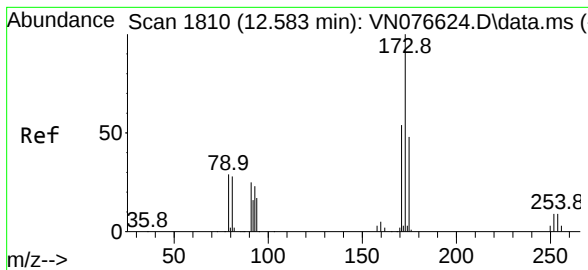
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#70
Styrene
Concen: 56.421 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

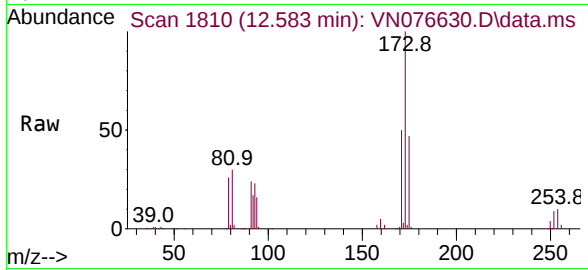
Tgt Ion:104 Resp: 713900
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.4
103 55.3 44.2 66.4





#71
Bromoform
Concen: 53.879 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

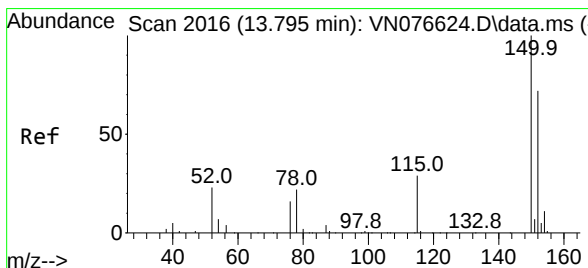
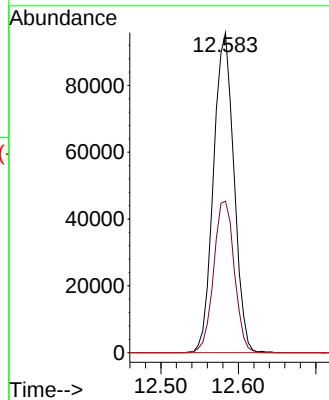
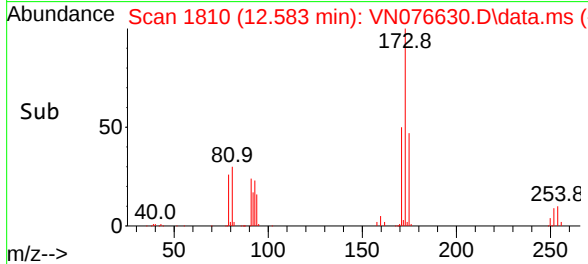
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



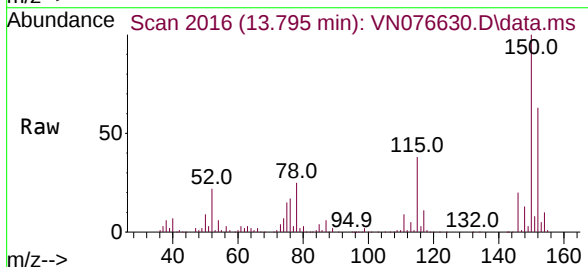
Tgt Ion:173 Resp: 17538
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

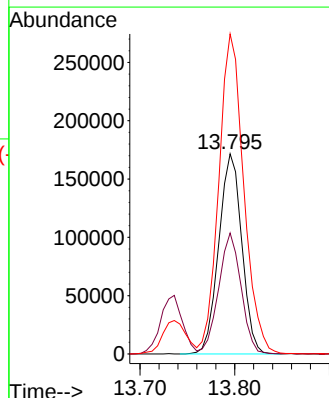
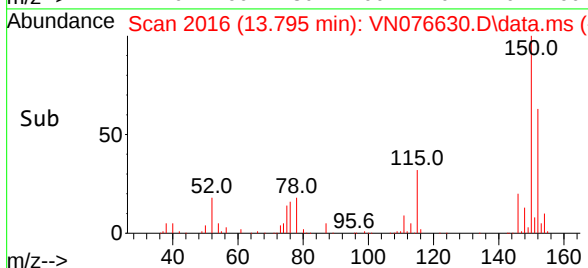
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

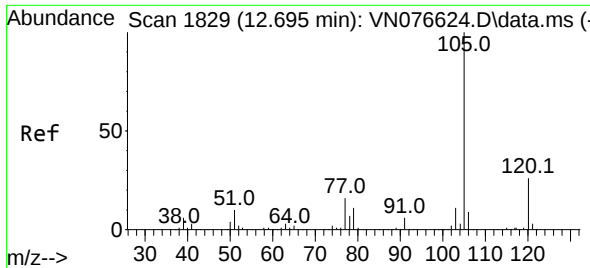


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion:152 Resp: 290080
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.9
150 173.2 0.0 349.8





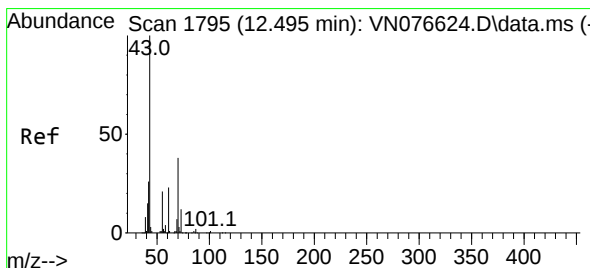
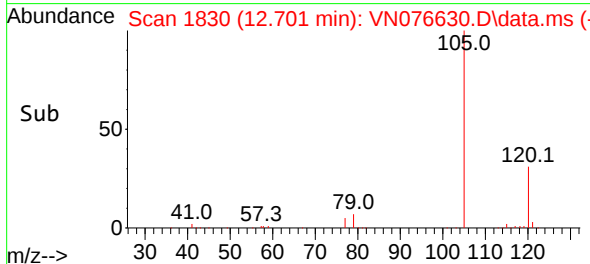
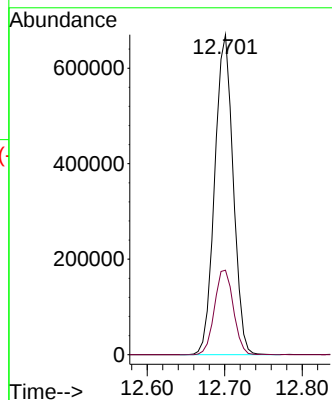
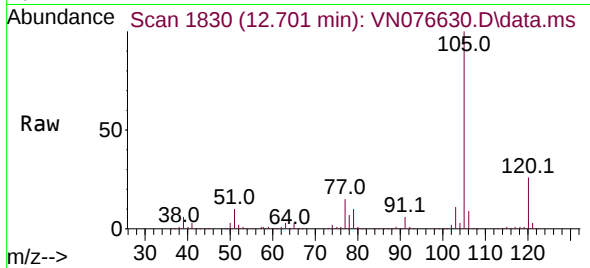
#73
Isopropylbenzene
Concen: 51.987 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1105334
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0

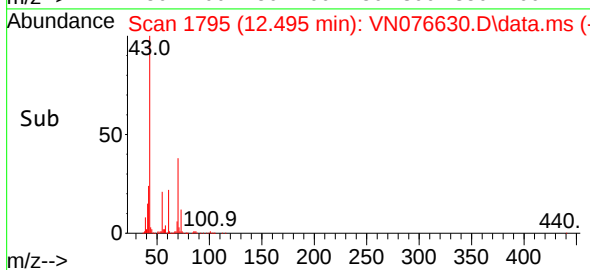
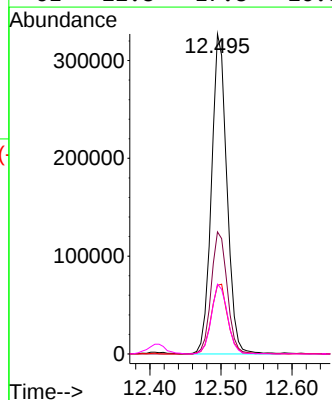
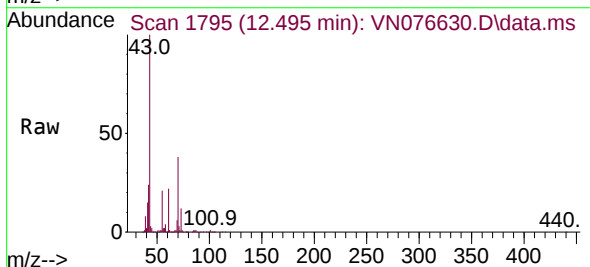
Manual Integrations
APPROVED

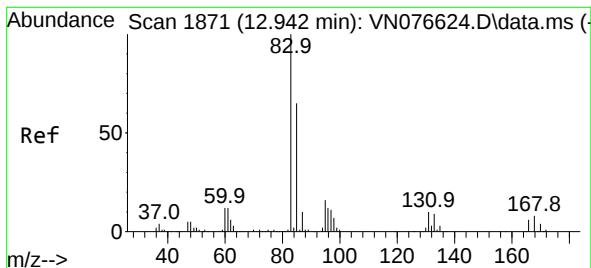
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#74
N-ethyl acetate
Concen: 51.497 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

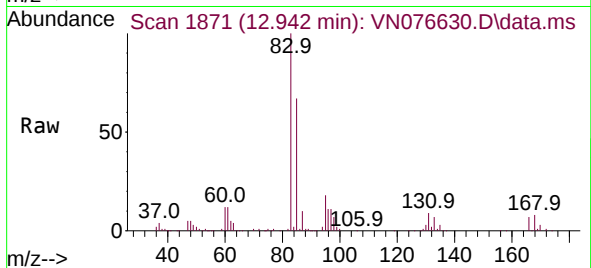
Tgt Ion: 43 Resp: 493527
Ion Ratio Lower Upper
43 100
70 39.5 30.5 45.7
55 23.4 17.8 26.8
61 22.8 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.811 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

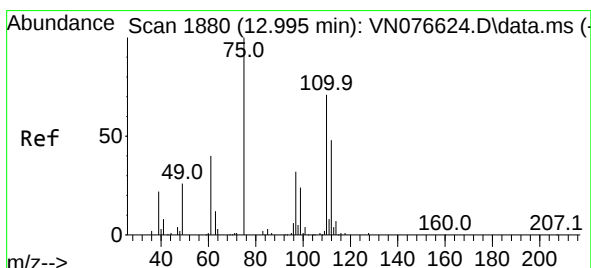
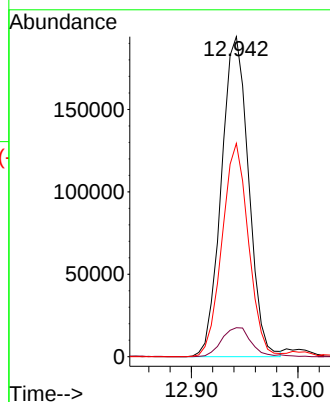
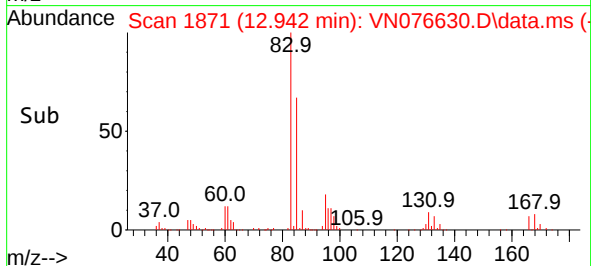
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



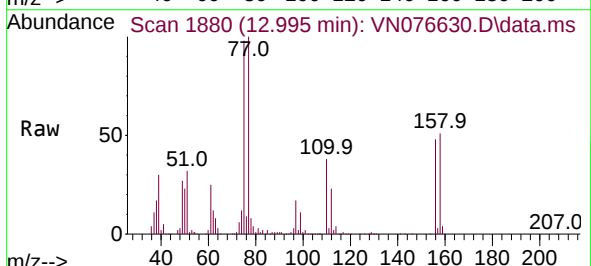
Tgt Ion: 83 Resp: 344879
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.6 31.8 95.3

Manual Integrations
APPROVED

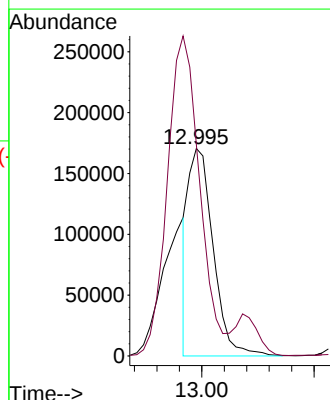
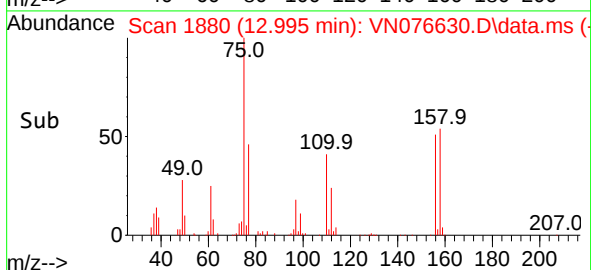
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

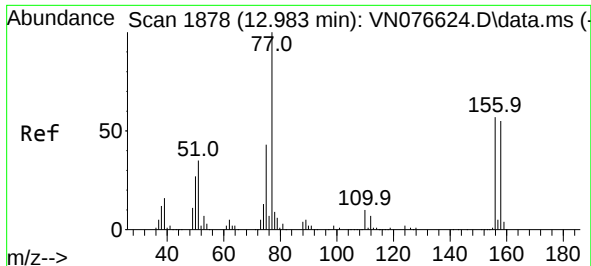


#76
1,2,3-Trichloropropane
Concen: 44.584 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



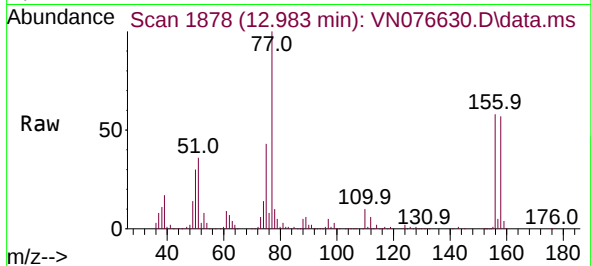
Tgt Ion: 75 Resp: 261465
Ion Ratio Lower Upper
75 100
77 200.2 93.1 279.3





#77
Bromobenzene
Concen: 48.186 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

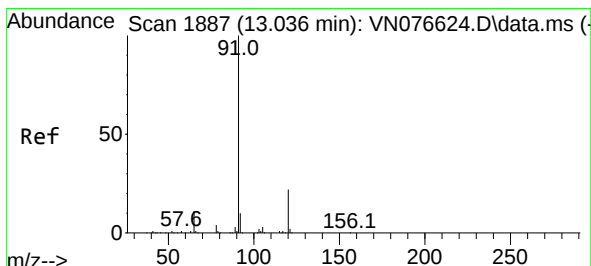
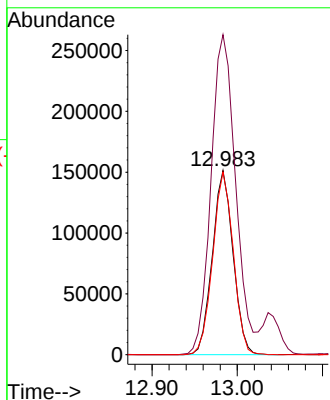
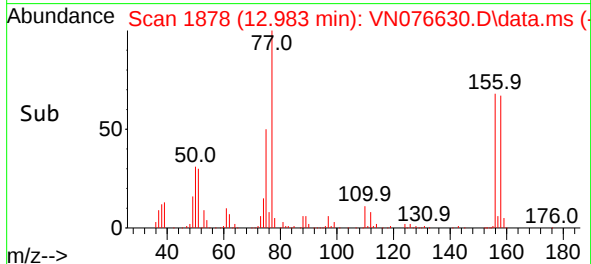
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



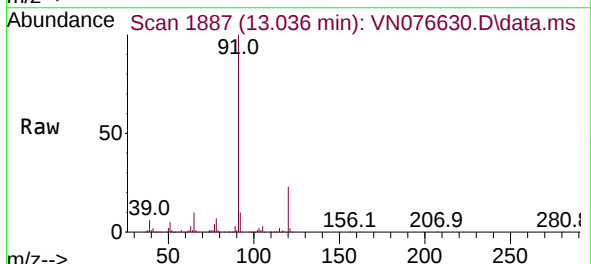
Tgt Ion:156 Resp: 255612
Ion Ratio Lower Upper
156 100
77 204.8 102.8 308.4
158 98.3 48.9 146.6

Manual Integrations
APPROVED

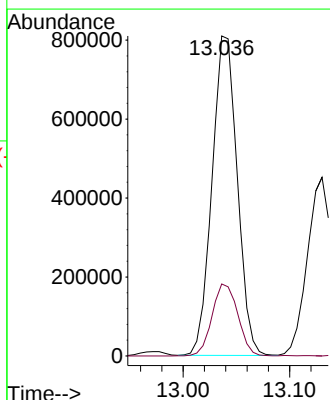
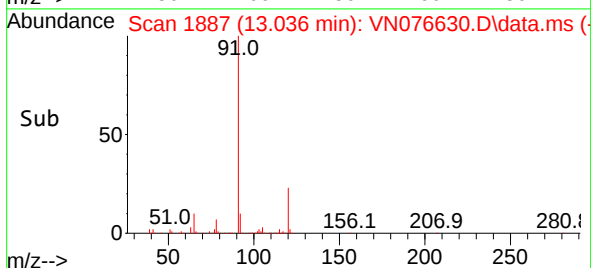
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

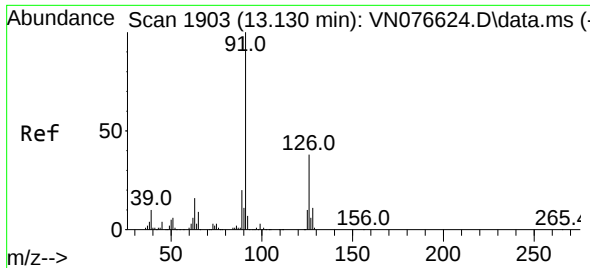


#78
n-propylbenzene
Concen: 53.285 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion: 91 Resp: 1330350
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.5





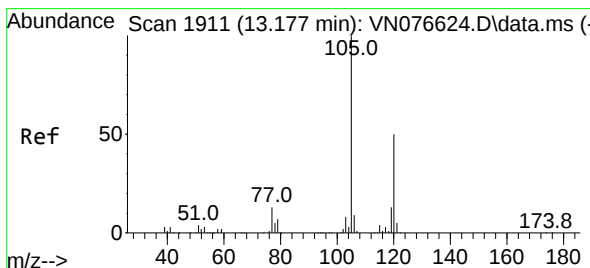
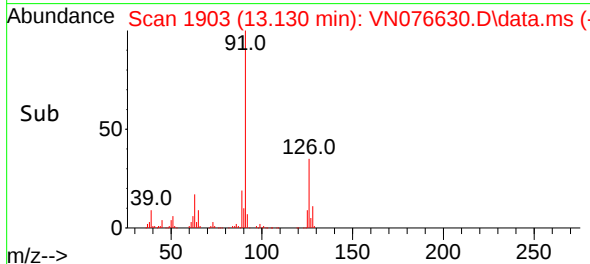
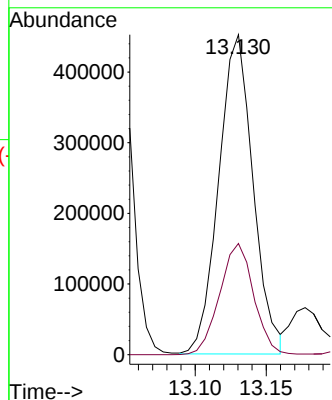
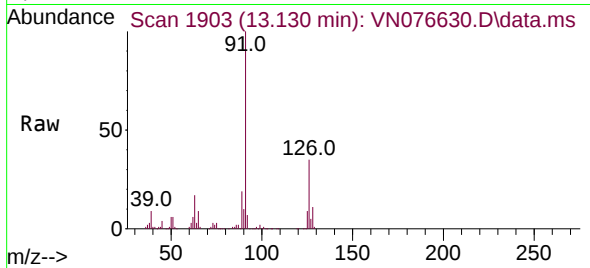
#79
2-Chlorotoluene
Concen: 49.661 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 75916
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1

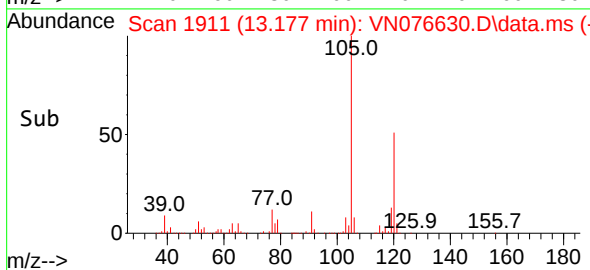
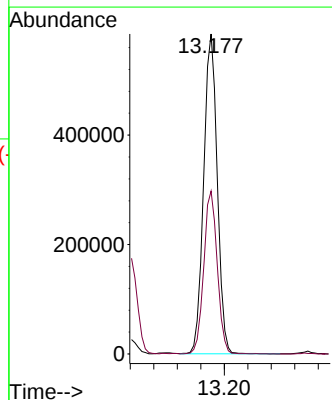
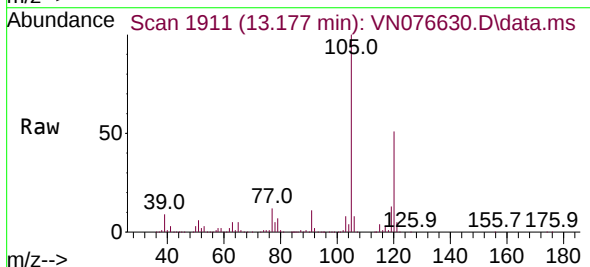
Manual Integrations
APPROVED

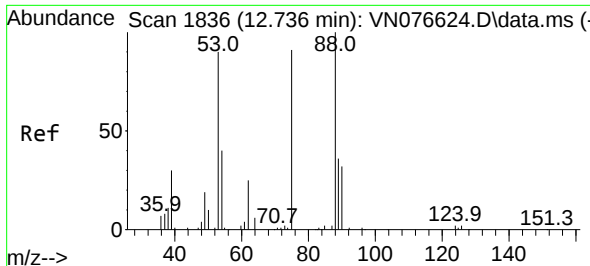
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.523 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

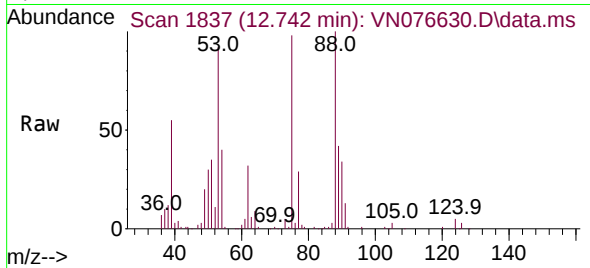
Tgt Ion:105 Resp: 940476
Ion Ratio Lower Upper
105 100
120 50.6 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 50.853 ug/l
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

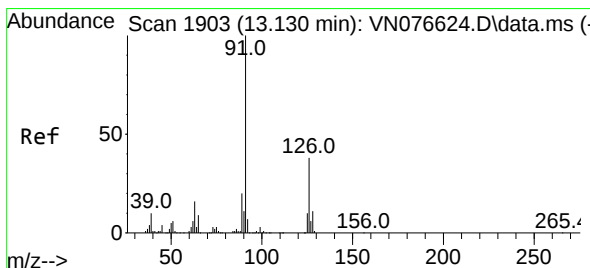
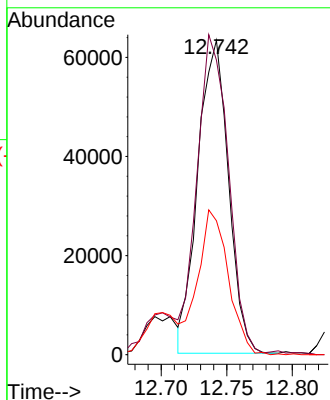
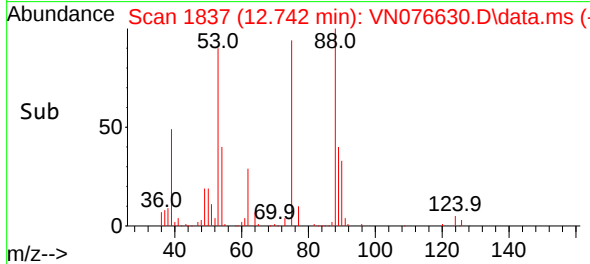
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



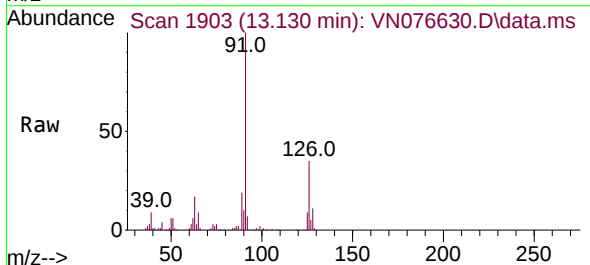
Tgt Ion: 75 Resp: 102395
Ion Ratio Lower Upper
75 100
53 120.3 92.1 138.1
89 46.8 37.5 56.3

Manual Integrations
APPROVED

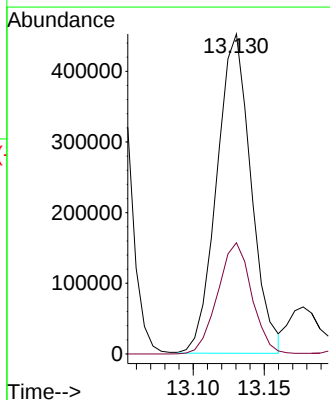
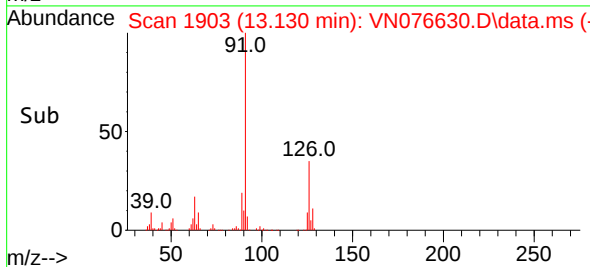
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

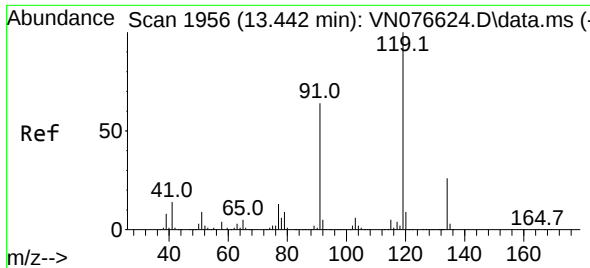


#82
4-Chlorotoluene
Concen: 49.661 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion: 91 Resp: 759163
Ion Ratio Lower Upper
91 100
126 34.6 17.7 53.1





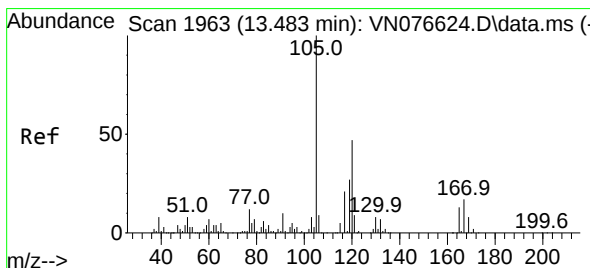
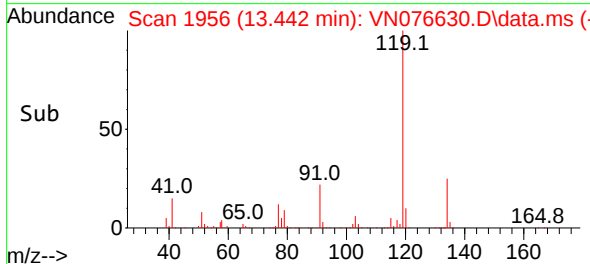
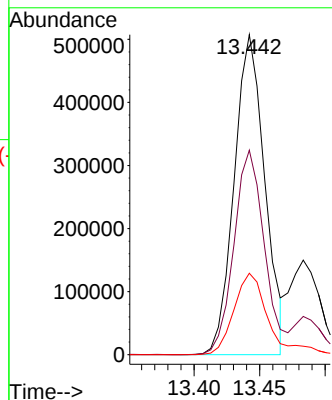
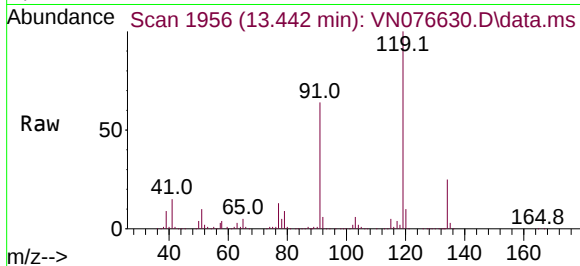
#83
tert-Butylbenzene
Concen: 51.870 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 824524
Ion Ratio Lower Upper
119 100
91 64.0 32.0 96.2
134 28.6 13.8 41.4

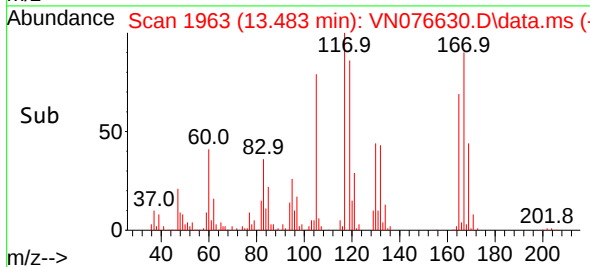
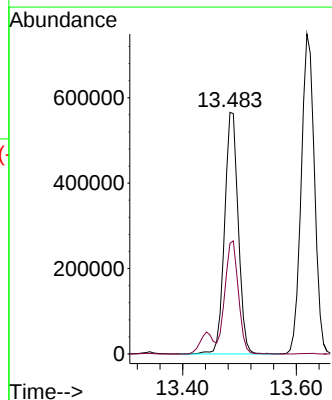
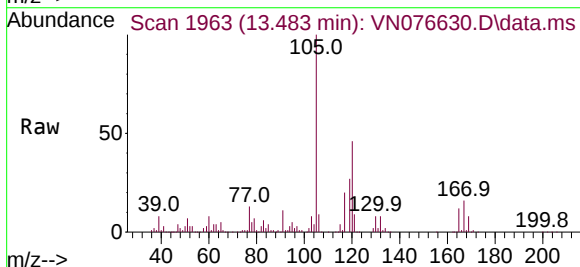
Manual Integrations
APPROVED

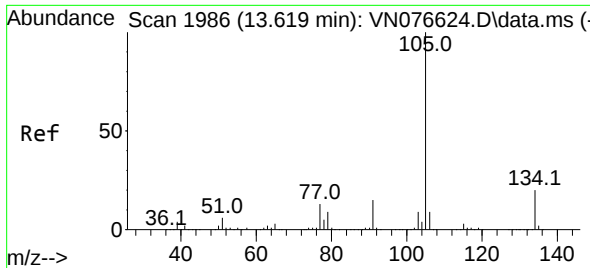
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.995 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

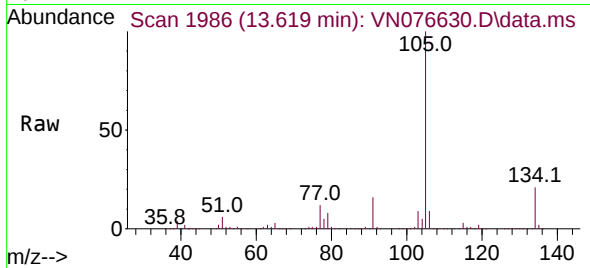
Tgt Ion:105 Resp: 945575
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 54.506 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

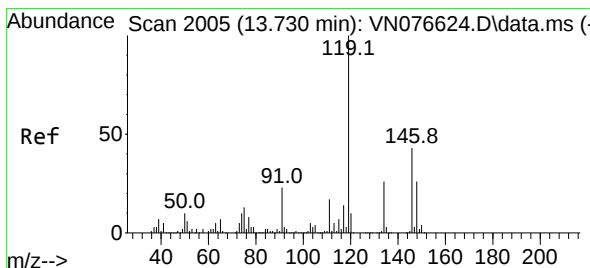
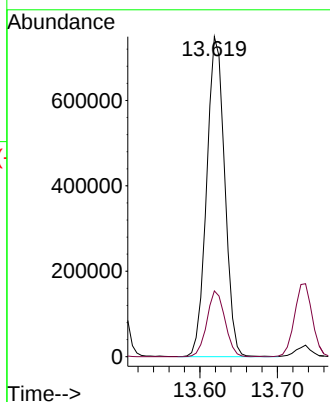
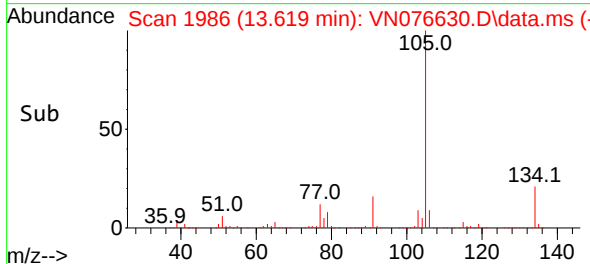
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



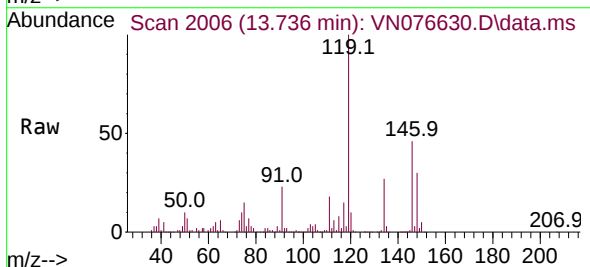
Tgt Ion:105 Resp: 1209650
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5

Manual Integrations
 APPROVED

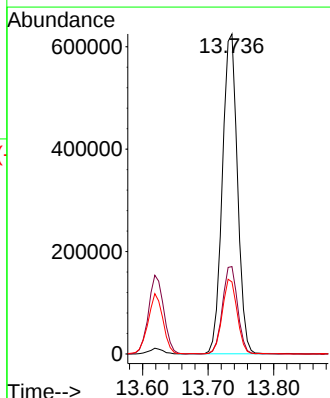
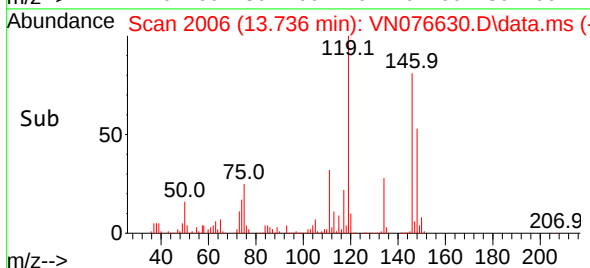
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

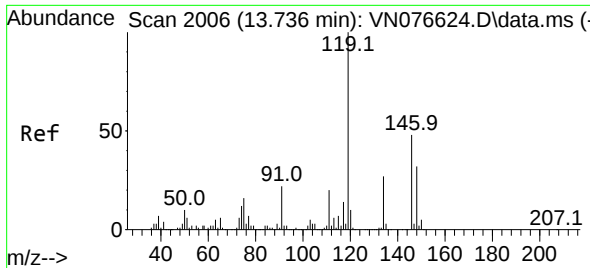


#86
 p-Isopropyltoluene
 Concen: 56.223 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48



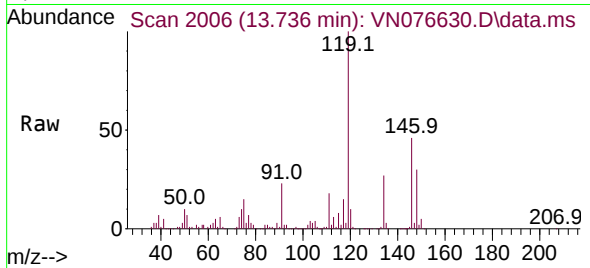
Tgt Ion:119 Resp: 996370
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.4 40.1
 91 22.9 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 49.584 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48

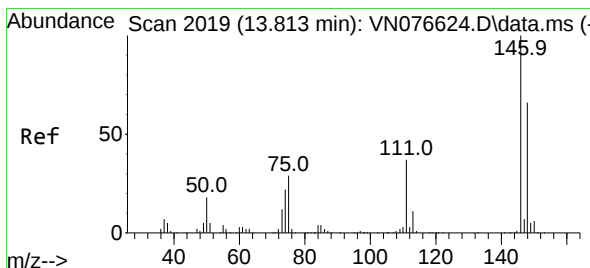
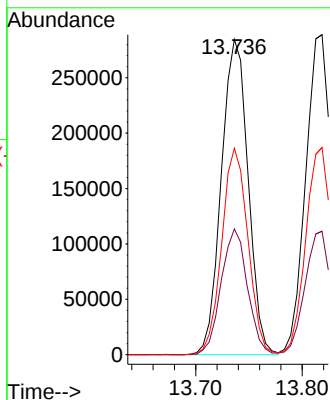
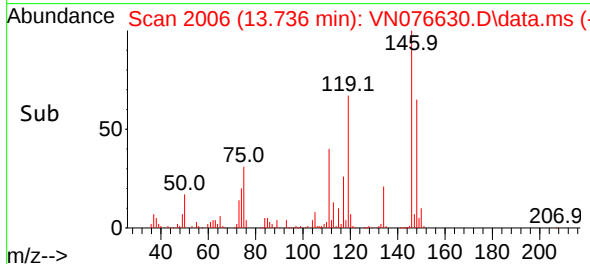
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



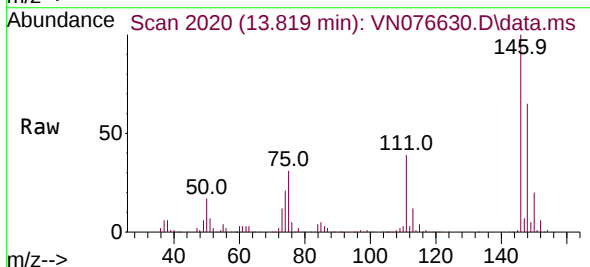
Tgt Ion:146 Resp: 497205
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.8 59.4
 148 64.0 32.0 96.2

Manual Integrations
 APPROVED

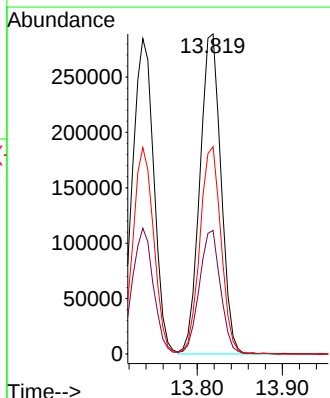
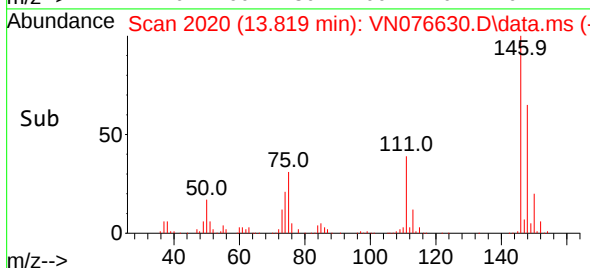
Reviewed By :John Carlone 02/14/2023
 Supervised By :Mahesh Dadoda 02/14/2023

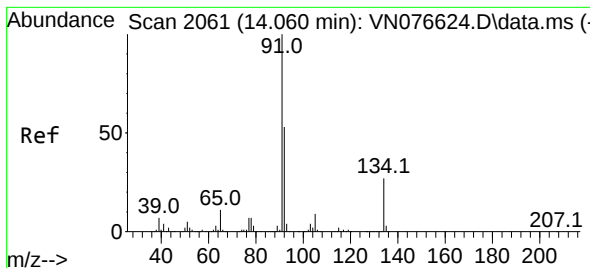


#88
 1,4-Dichlorobenzene
 Concen: 49.835 ug/l
 RT: 13.819 min Scan# 2020
 Delta R.T. 0.006 min
 Lab File: VN076630.D
 Acq: 13 Feb 2023 15:48



Tgt Ion:146 Resp: 497638
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.4 58.1
 148 64.5 32.7 98.1





#89

n-Butylbenzene

Concen: 57.387 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

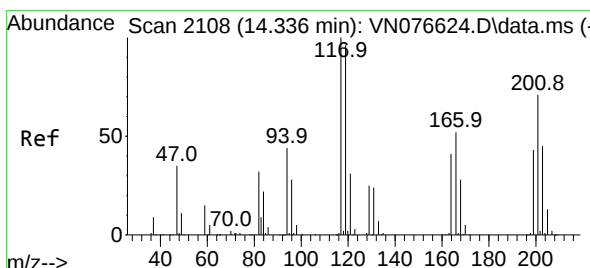
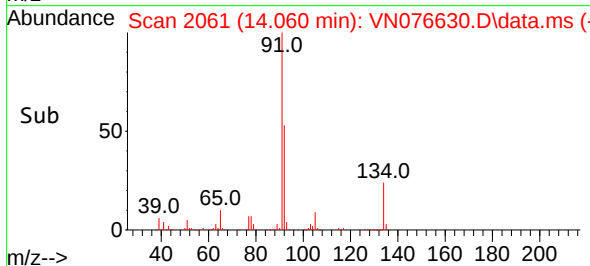
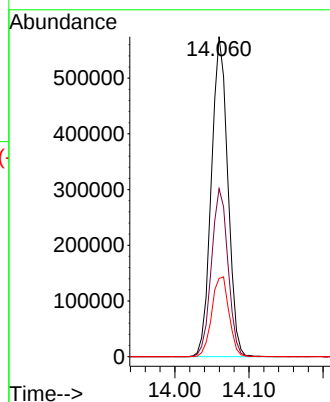
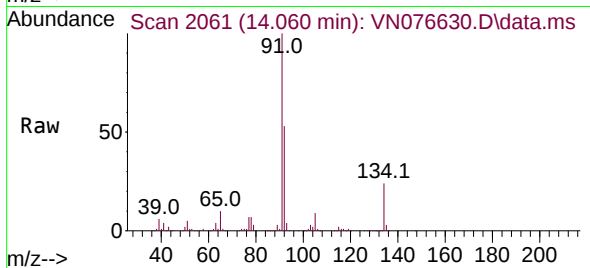
Tgt Ion:	91	Resp:	88453
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.4	79.0
134	26.2	13.2	39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#90

Hexachloroethane

Concen: 48.199 ug/l

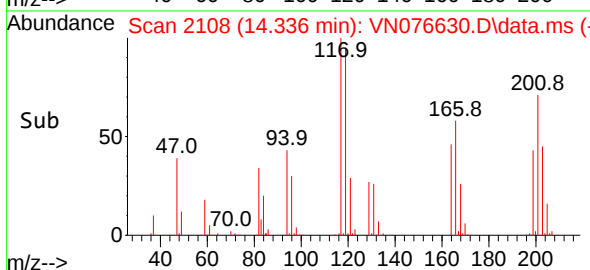
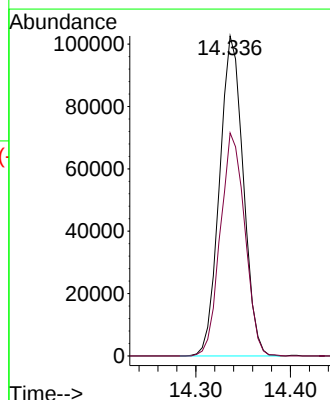
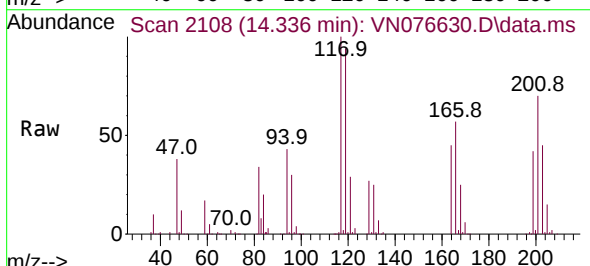
RT: 14.336 min Scan# 2108

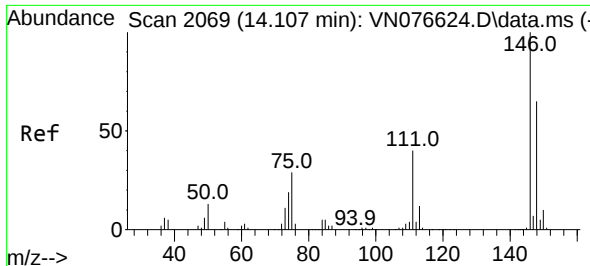
Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

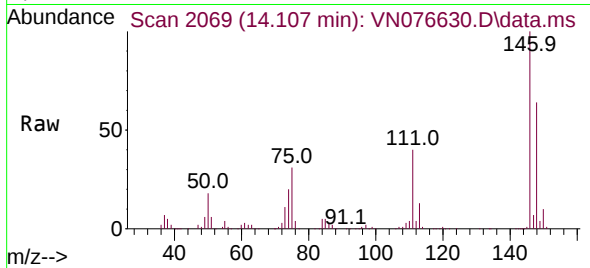
Tgt Ion:	117	Resp:	178850
Ion Ratio	Lower	Upper	
117	100		
201	71.9	35.5	106.7





#91
1,2-Dichlorobenzene
Concen: 48.792 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48

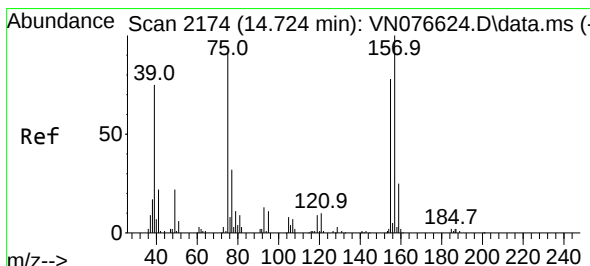
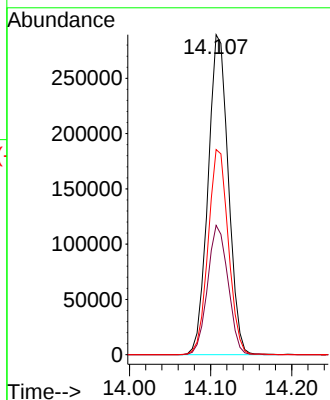
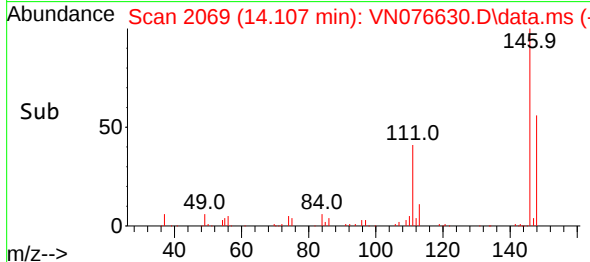
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



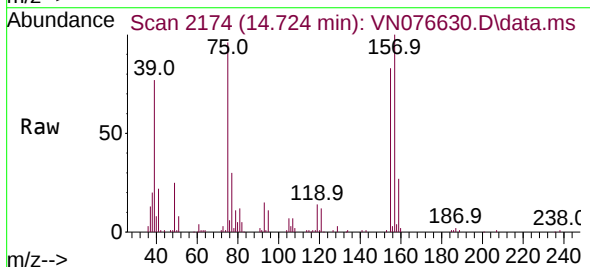
Tgt Ion:146 Resp: 501590
Ion Ratio Lower Upper
146 100
111 40.7 20.0 59.9
148 63.9 32.4 97.2

Manual Integrations
APPROVED

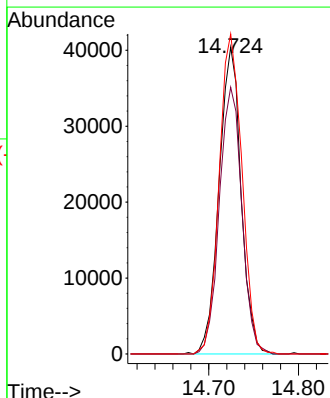
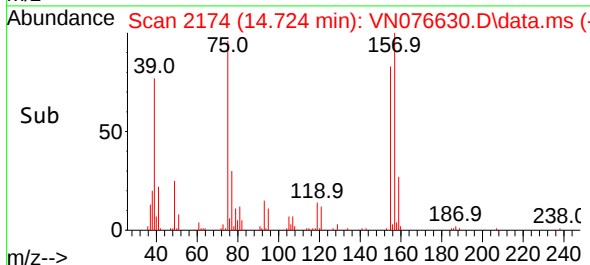
Reviewed By :John Carlone 02/14/2023
Supervised By :Mahesh Dadoda 02/14/2023

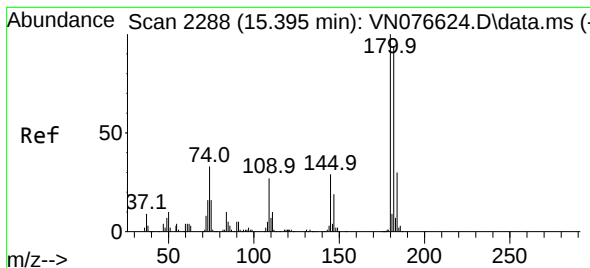


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.108 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076630.D
Acq: 13 Feb 2023 15:48



Tgt Ion: 75 Resp: 68750
Ion Ratio Lower Upper
75 100
155 88.6 43.4 130.2
157 107.6 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 58.792 ug/l

RT: 15.401 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 30148

Ion Ratio Lower Upper

180 100

182 92.9 48.0 144.0

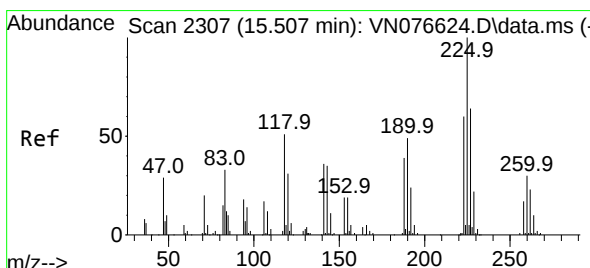
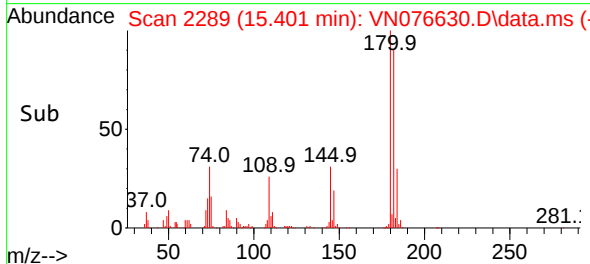
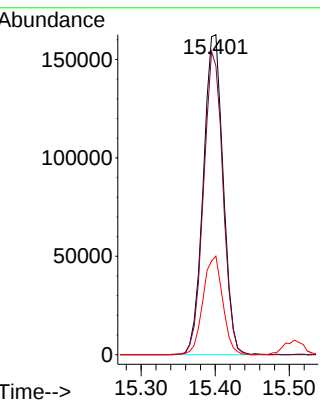
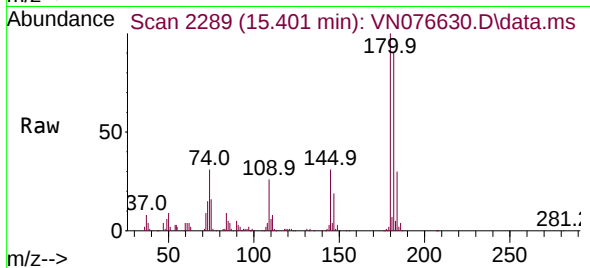
145 30.6 15.2 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#94

Hexachlorobutadiene

Concen: 53.073 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

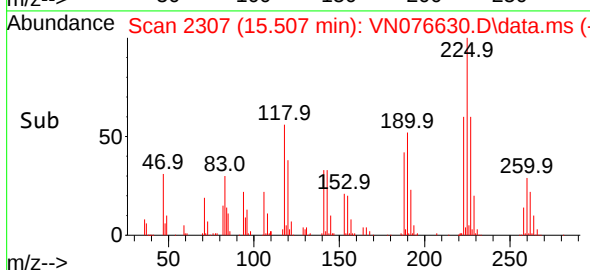
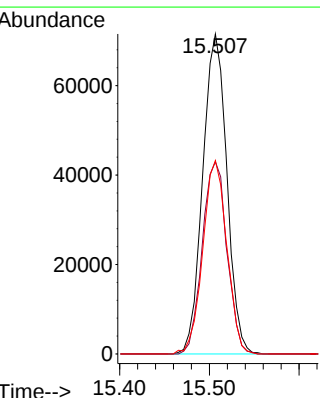
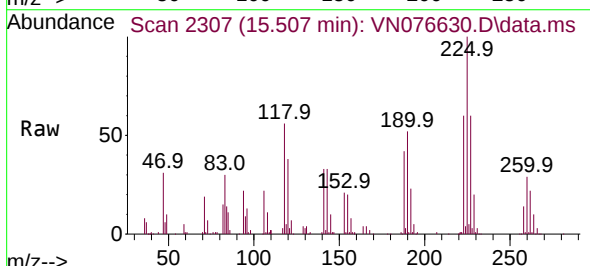
Tgt Ion:225 Resp: 133387

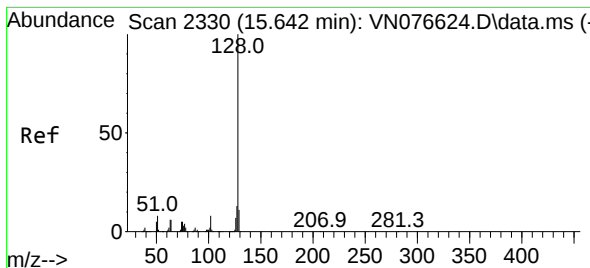
Ion Ratio Lower Upper

225 100

223 61.3 31.6 95.0

227 60.3 31.3 93.9





#95

Naphthalene

Concen: 62.220 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 96820

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

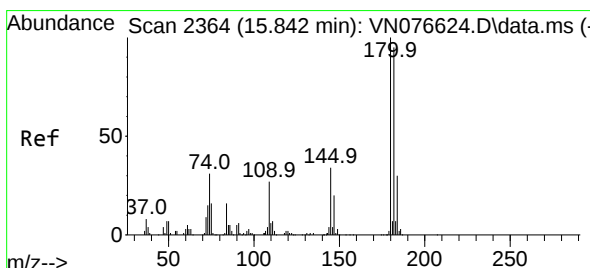
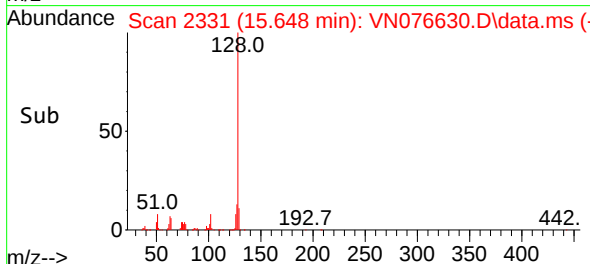
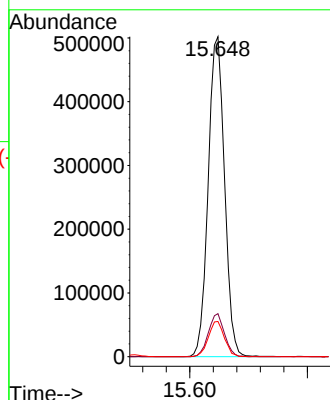
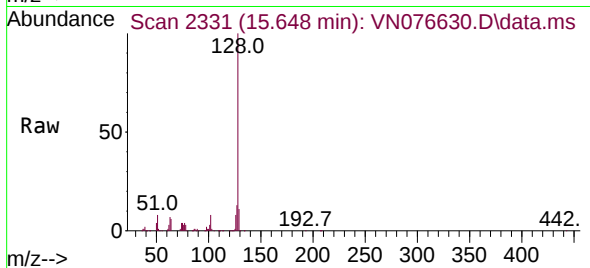
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2023

Supervised By :Mahesh Dadoda 02/14/2023



#96

1,2,3-Trichlorobenzene

Concen: 59.831 ug/l

RT: 15.842 min Scan# 2364

Delta R.T. 0.000 min

Lab File: VN076630.D

Acq: 13 Feb 2023 15:48

Tgt Ion:180 Resp: 297245

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 32.6 16.0 47.9

