

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022423\
 Data File : VN076803.D
 Acq On : 24 Feb 2023 12:38
 Operator : JC\MD
 Sample : VN0224WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2023
 Supervised By : Mahesh Dadoda 02/27/2023

Quant Time: Feb 25 01:43:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	265495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	471373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	441263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	206618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172155	46.959	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.920%		
35) Dibromofluoromethane	8.172	113	129124	41.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	83.660%		
50) Toluene-d8	10.572	98	517560	44.895	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.780%		
62) 4-Bromofluorobenzene	12.854	95	176278	46.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.143	85	51334	18.209	ug/l	95
3) Chloromethane	2.378	50	62938	17.112	ug/l	97
4) Vinyl Chloride	2.525	62	66970	18.501	ug/l	97
5) Bromomethane	2.966	94	45054	20.541	ug/l	87
6) Chloroethane	3.131	64	47825	20.906	ug/l	92
7) Trichlorofluoromethane	3.513	101	87210	17.707	ug/l	89
8) Diethyl Ether	3.972	74	37882	19.960	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.390	101	55415	19.148	ug/l	99
10) Methyl Iodide	4.601	142	65814	18.415	ug/l	97
11) Tert butyl alcohol	5.525	59	52472	108.433	ug/l	97
12) 1,1-Dichloroethene	4.348	96	52249	19.066	ug/l	95
13) Acrolein	4.190	56	71420	98.307	ug/l	99
14) Allyl chloride	5.042	41	87146	18.353	ug/l	97
15) Acrylonitrile	5.737	53	179819	104.706	ug/l	99
16) Acetone	4.443	43	155989	95.255	ug/l	95
17) Carbon Disulfide	4.725	76	118106	16.323	ug/l #	90
18) Methyl Acetate	5.042	43	115962	21.694	ug/l	98
19) Methyl tert-butyl Ether	5.801	73	202168	21.882	ug/l	96
20) Methylene Chloride	5.290	84	64730	18.860	ug/l	93
21) trans-1,2-Dichloroethene	5.801	96	55945	18.136	ug/l #	79
22) Diisopropyl ether	6.684	45	237621	21.336	ug/l	96
23) Vinyl Acetate	6.619	43	757815	115.006	ug/l	96
24) 1,1-Dichloroethane	6.572	63	118397	19.398	ug/l	95
25) 2-Butanone	7.495	43	254178	105.224	ug/l	95
26) 2,2-Dichloropropane	7.495	77	86742	19.703	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	69273	18.933	ug/l	95
28) Bromochloromethane	7.819	49	61457	21.156	ug/l	90
29) Tetrahydrofuran	7.842	42	159556	101.098	ug/l	96
30) Chloroform	7.972	83	119795	19.644	ug/l	98
31) Cyclohexane	8.266	56	105243	18.301	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	99044	19.316	ug/l	91
36) 1,1-Dichloropropene	8.372	75	85516	19.174	ug/l	97
37) Ethyl Acetate	7.572	43	97852	20.852	ug/l	96
38) Carbon Tetrachloride	8.366	117	81507	18.116	ug/l	95
39) Methylcyclohexane	9.607	83	92838	18.312	ug/l	93
40) Benzene	8.613	78	265805	19.407	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	58934	21.679	ug/l	97
42) 1,2-Dichloroethane	8.678	62	98247	20.567	ug/l	98
43) Isopropyl Acetate	8.695	43	166397	21.791	ug/l	99
44) Trichloroethene	9.360	130	61006	18.848	ug/l	97
45) 1,2-Dichloropropane	9.630	63	72848	20.092	ug/l	100
46) Dibromomethane	9.707	93	47829	20.634	ug/l	94
47) Bromodichloromethane	9.889	83	94620	20.360	ug/l	97
48) Methyl methacrylate	9.683	41	78954	21.790	ug/l	97
49) 1,4-Dioxane	9.695	88	27404	437.210	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	549282	113.059	ug/l	97
52) Toluene	10.630	92	166635	20.151	ug/l	96
53) t-1,3-Dichloropropene	10.836	75	97849	21.814	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	105226	20.337	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	71063	21.134	ug/l	97
56) Ethyl methacrylate	10.877	69	104256	22.027	ug/l #	92
57) 1,3-Dichloropropane	11.166	76	120665	20.887	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	221376	102.128	ug/l	96
59) 2-Hexanone	11.195	43	392018	111.907	ug/l	99
60) Dibromochloromethane	11.360	129	69764	19.686	ug/l	95
61) 1,2-Dibromoethane	11.471	107	66698	19.817	ug/l	93
64) Tetrachloroethene	11.101	164	48139	17.311	ug/l	91
65) Chlorobenzene	11.895	112	177380	18.968	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	64604	19.019	ug/l	96
67) Ethyl Benzene	11.966	91	315939	19.830	ug/l	98
68) m/p-Xylenes	12.071	106	251398	40.937	ug/l	96
69) o-Xylene	12.401	106	121283	20.250	ug/l	96
70) Styrene	12.413	104	202225	20.880	ug/l	99
71) Bromoform	12.583	173	46533	18.676	ug/l #	99
73) Isopropylbenzene	12.695	105	313753	20.718	ug/l	98
74) N-amyl acetate	12.495	43	141268	20.695	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.936	83	107231	19.561	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	91486m	21.901	ug/l	
77) Bromobenzene	12.983	156	72176	19.102	ug/l	92
78) n-propylbenzene	13.036	91	372967	20.973	ug/l	98
79) 2-Chlorotoluene	13.130	91	219472	20.156	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	265160	21.186	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	33722	23.513	ug/l #	82
82) 4-Chlorotoluene	13.130	91	219472	20.156	ug/l	97
83) tert-Butylbenzene	13.442	119	235699	20.817	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	269855	21.634	ug/l	100
85) sec-Butylbenzene	13.618	105	335920	21.250	ug/l	98
86) p-Isopropyltoluene	13.730	119	271999	21.548	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	140367	19.652	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	136479	19.188	ug/l	98
89) n-Butylbenzene	14.060	91	230169	20.965	ug/l	97
90) Hexachloroethane	14.336	117	49978	18.910	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	141273	19.293	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	18264	17.197	ug/l	92
93) 1,2,4-Trichlorobenzene	15.395	180	67230	18.406	ug/l	97
94) Hexachlorobutadiene	15.507	225	33085	18.481	ug/l	95
95) Naphthalene	15.642	128	218205	19.687	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	66592	18.818	ug/l	97

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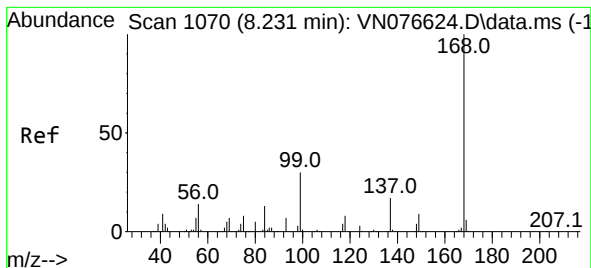
Manual Integrations
APPROVED

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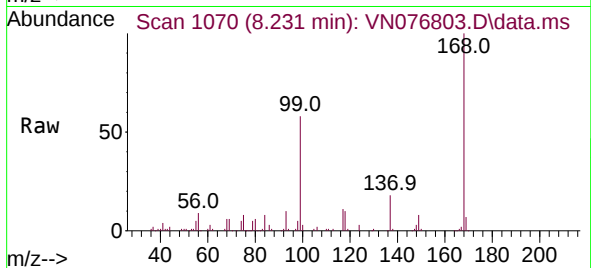
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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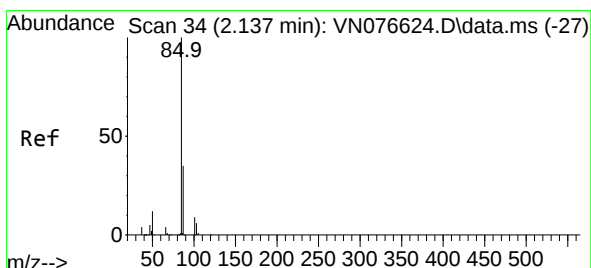
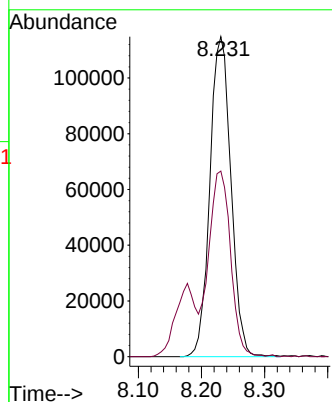
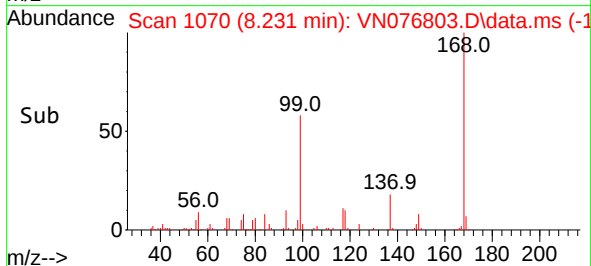
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion:168 Resp: 26549
Ion Ratio Lower Upper
168 100
99 58.0 44.8 67.2

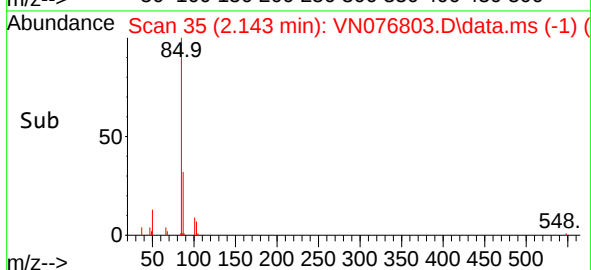
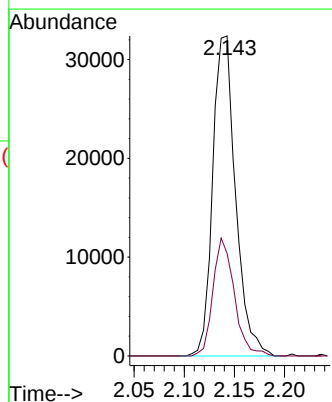
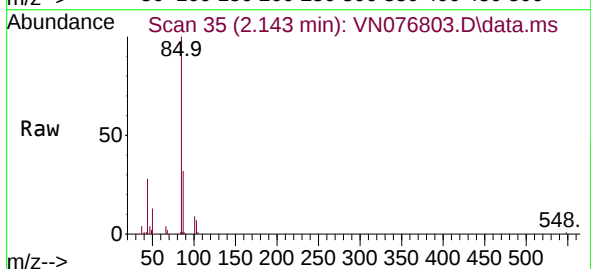
Manual Integrations
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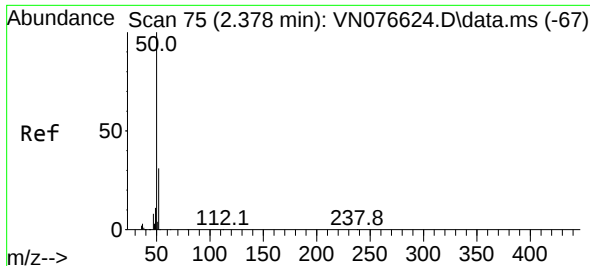
Reviewed By :John Carlone 02/27/2023
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#2
Dichlorodifluoromethane
Concen: 18.209 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

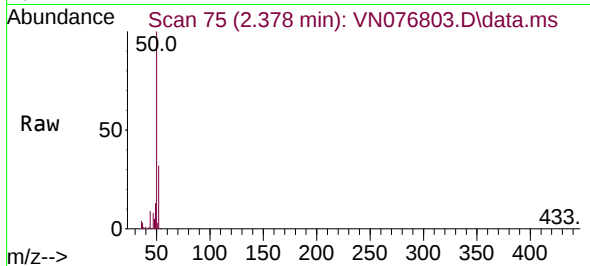
Tgt Ion: 85 Resp: 51334
Ion Ratio Lower Upper
85 100
87 32.0 17.4 52.2





#3
Chloromethane
Concen: 17.112 ug/l
RT: 2.378 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

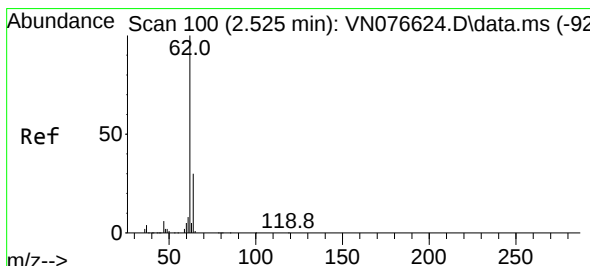
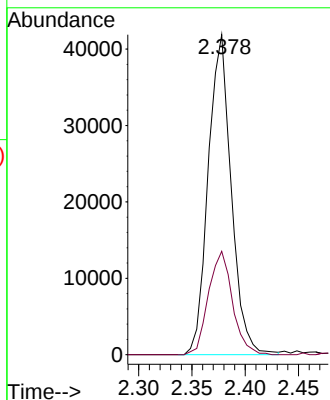
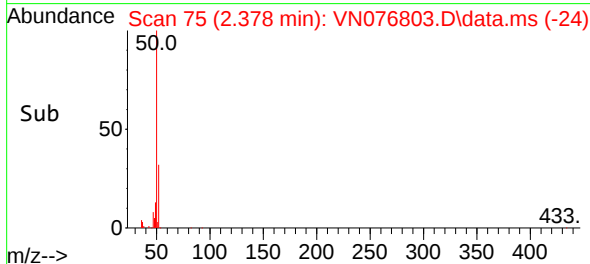
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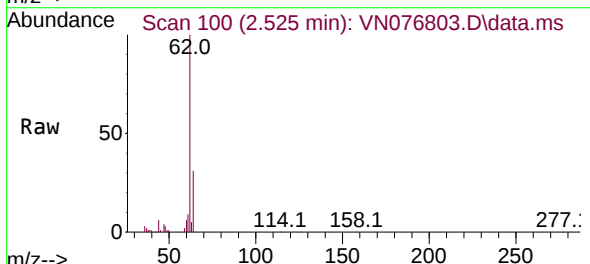
Tgt Ion: 50 Resp: 62938
Ion Ratio Lower Upper
50 100
52 32.3 24.7 37.1

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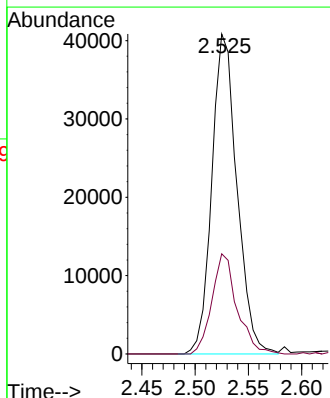
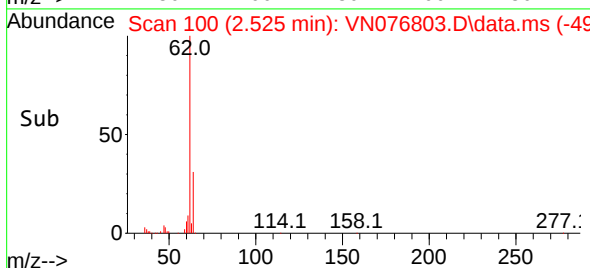
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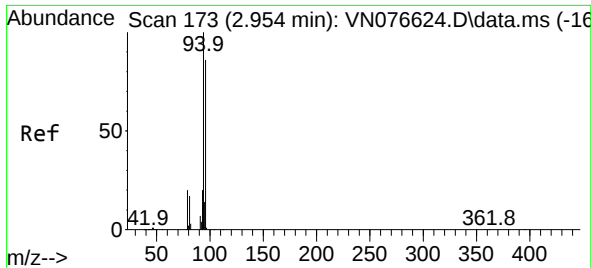


#4
Vinyl Chloride
Concen: 18.501 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



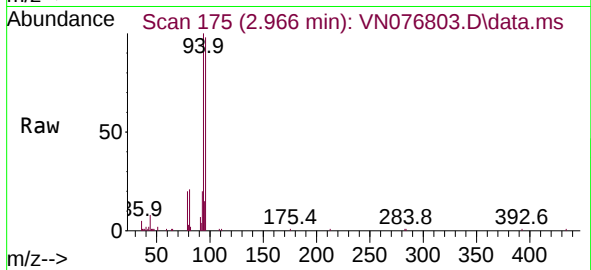
Tgt Ion: 62 Resp: 66970
Ion Ratio Lower Upper
62 100
64 31.3 23.9 35.9





#5
Bromomethane
Concen: 20.541 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

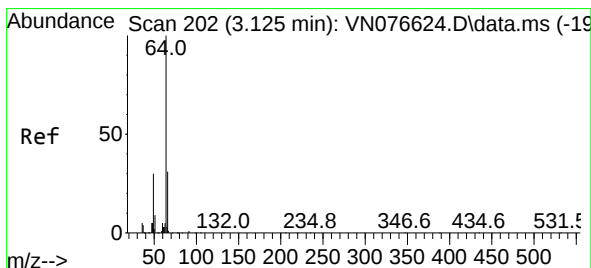
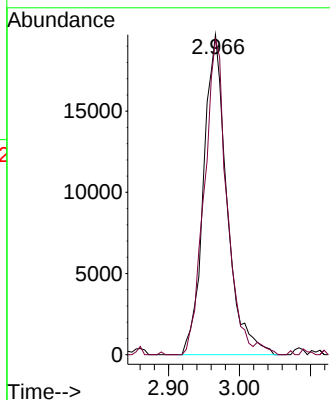
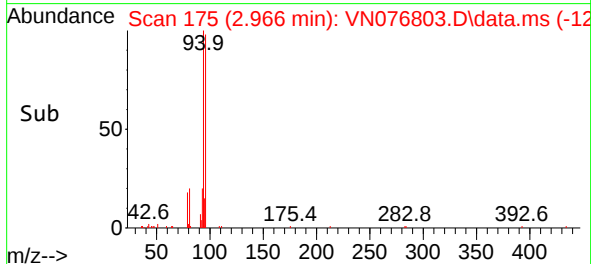
Instrument :
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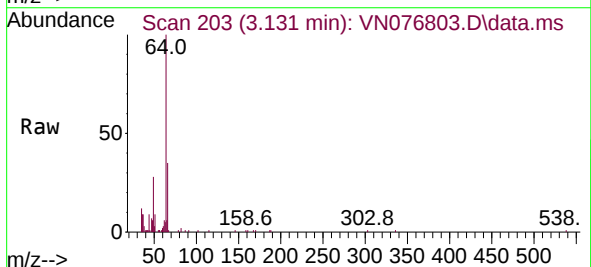
Tgt Ion: 94 Resp: 45054
Ion Ratio Lower Upper
94 100
96 98.5 69.0 103.4

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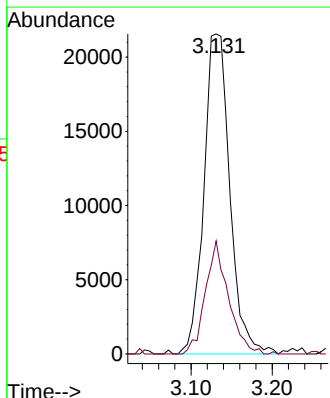
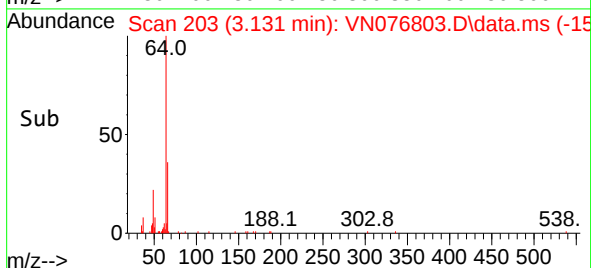
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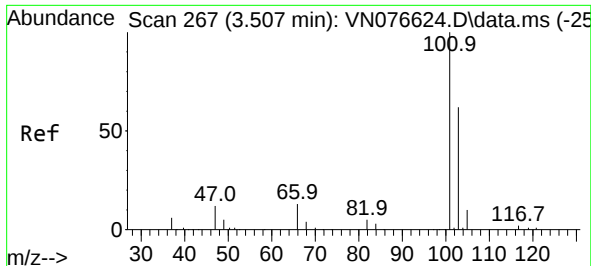


#6
Chloroethane
Concen: 20.906 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion: 64 Resp: 47825
Ion Ratio Lower Upper
64 100
66 35.3 24.6 37.0





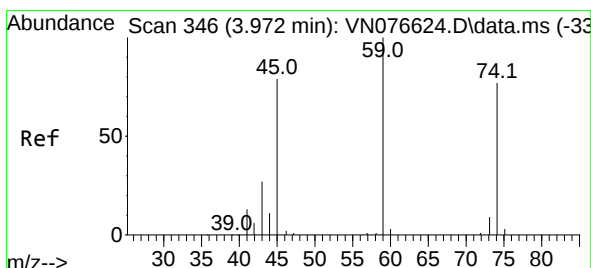
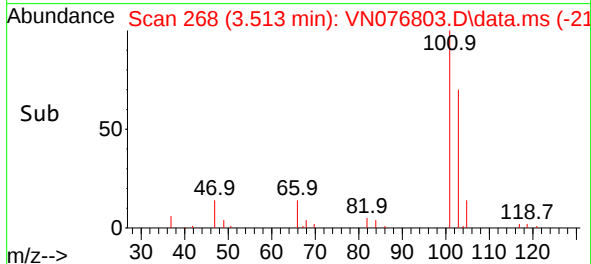
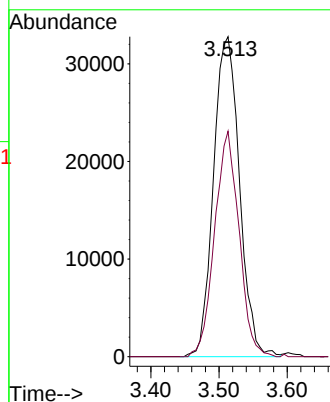
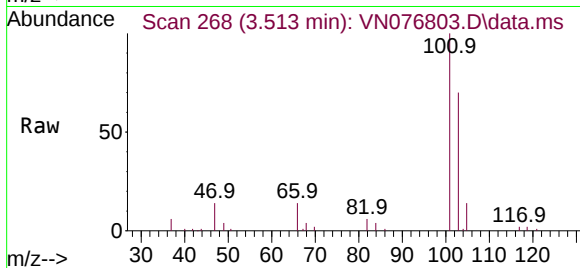
#7
Trichlorofluoromethane
Concen: 17.707 ug/l
RT: 3.513 min Scan# 267
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
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ClientSampleId :
VN0224WBSD01

Tgt Ion:101 Resp: 87210
Ion Ratio Lower Upper
101 100
103 70.4 49.4 74.2

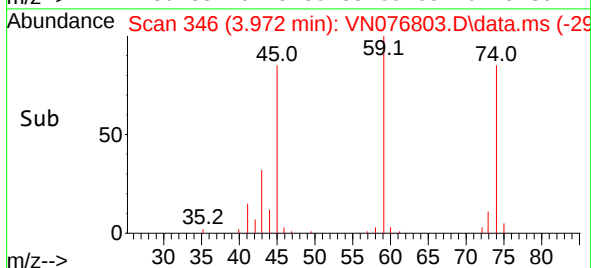
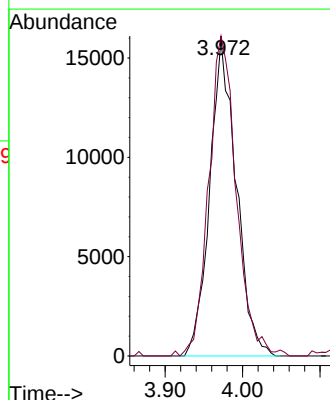
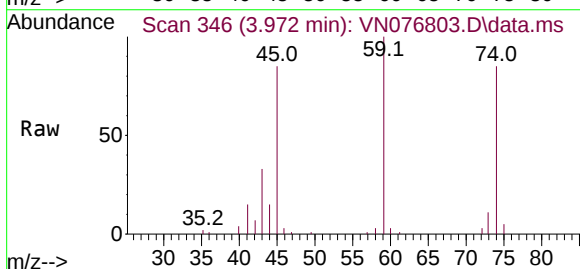
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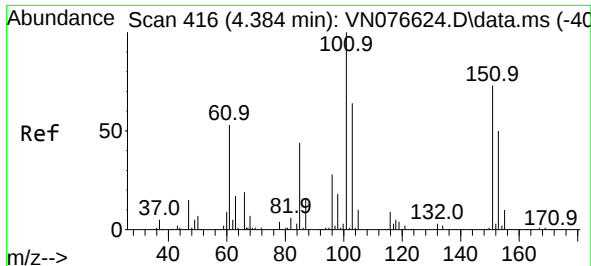
Reviewed By :John Carlone 02/27/2023
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#8
Diethyl Ether
Concen: 19.960 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion: 74 Resp: 37882
Ion Ratio Lower Upper
74 100
45 105.4 51.3 153.9





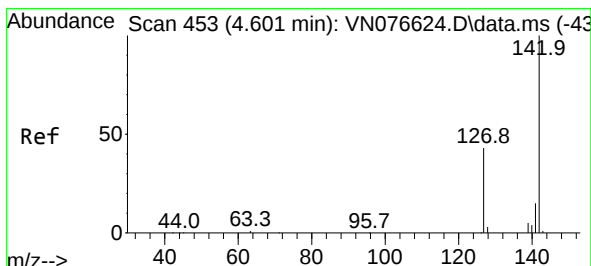
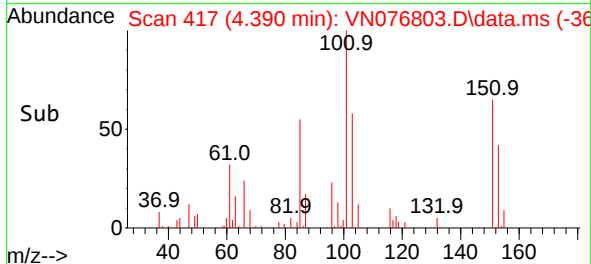
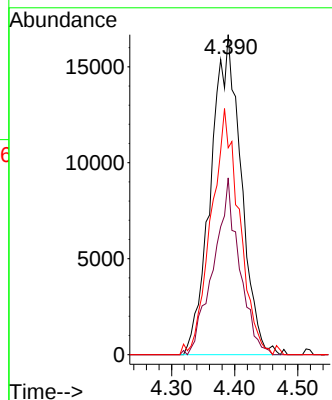
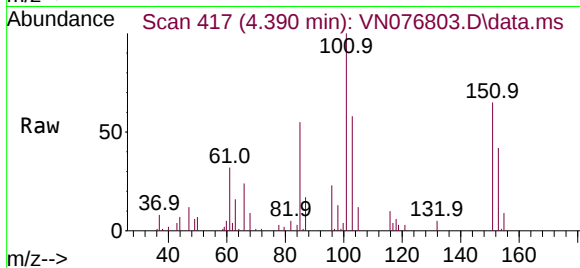
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.148 ug/l
RT: 4.390 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:101 Resp: 5541
Ion Ratio Lower Upper
101 100
85 47.3 37.4 56.0
151 71.9 58.7 88.1

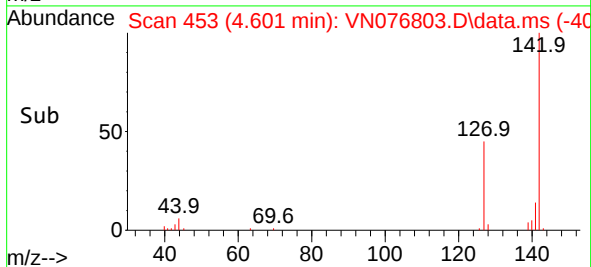
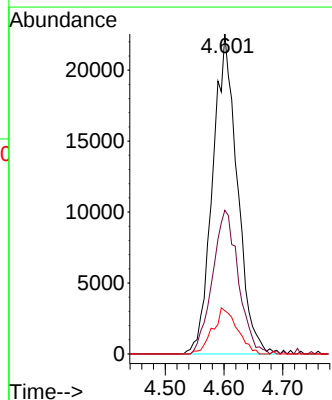
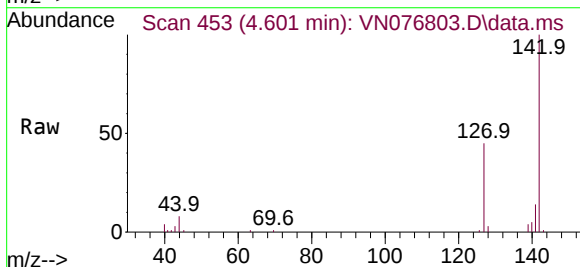
Manual Integrations
APPROVED

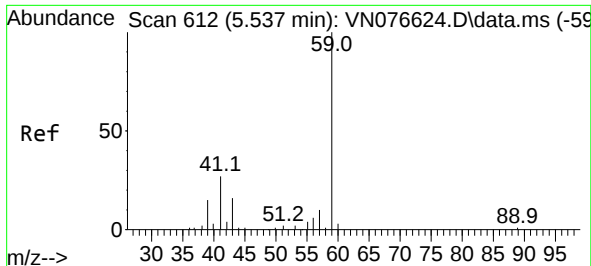
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#10
Methyl Iodide
Concen: 18.415 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

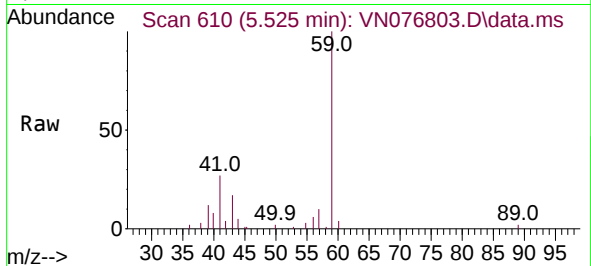
Tgt Ion:142 Resp: 65814
Ion Ratio Lower Upper
142 100
127 44.9 34.6 51.8
141 13.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 108.433 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

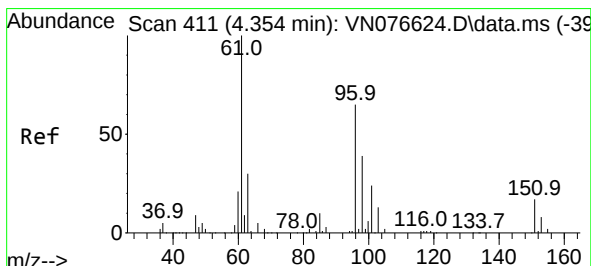
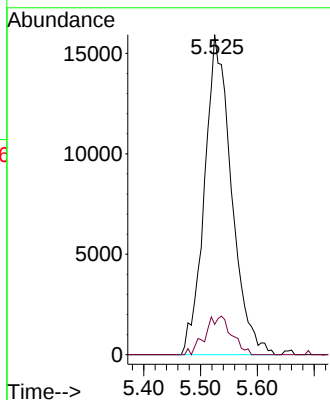
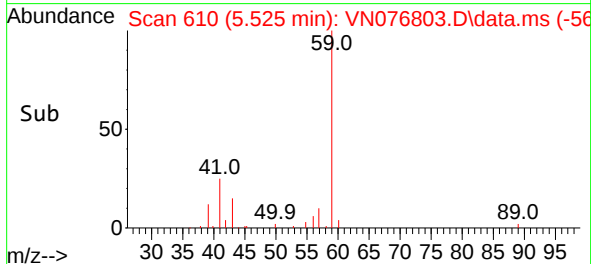
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



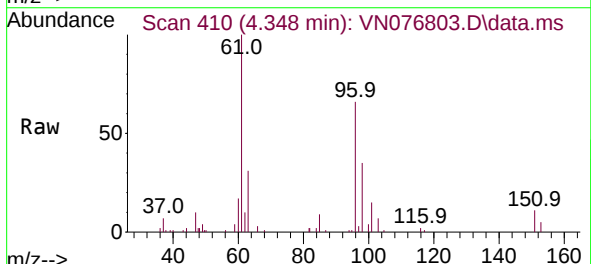
Tgt Ion: 59 Resp: 52472
Ion Ratio Lower Upper
59 100
57 11.9 8.7 13.1

Manual Integrations
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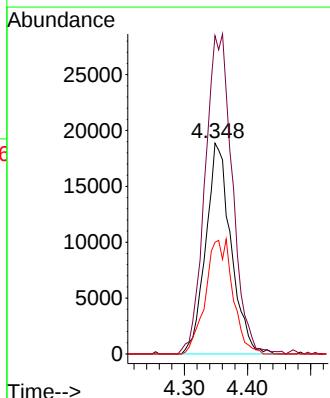
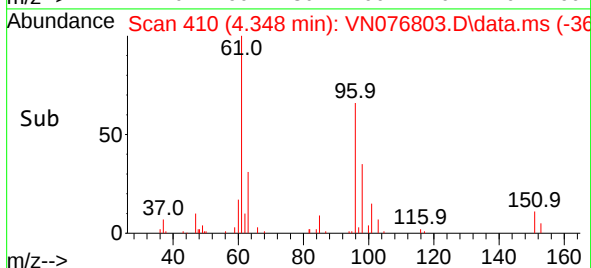
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

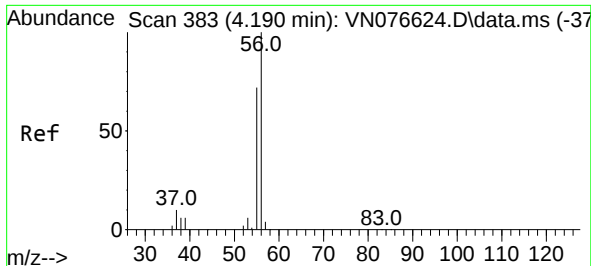


#12
1,1-Dichloroethene
Concen: 19.066 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion: 96 Resp: 52249
Ion Ratio Lower Upper
96 100
61 151.1 123.8 185.6
98 53.0 48.4 72.6





#13

Acrolein

Concen: 98.307 ug/l

RT: 4.190 min Scan# 383

Delta R.T. -0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 56 Resp: 71420

Ion Ratio Lower Upper

56 100

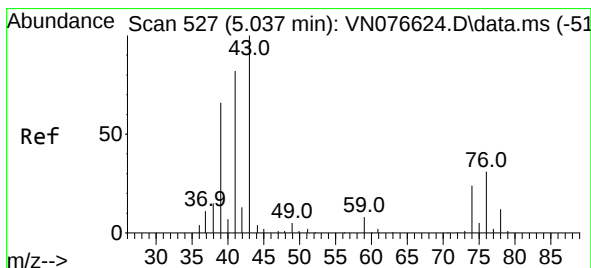
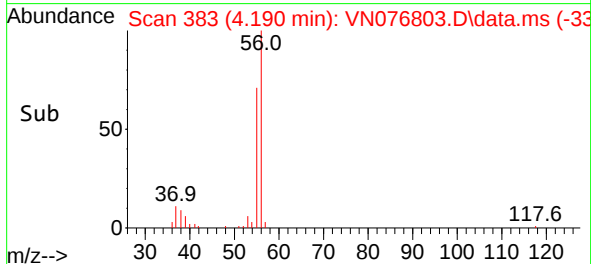
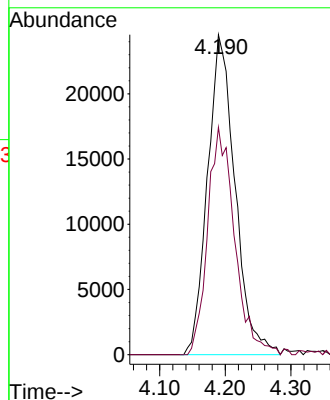
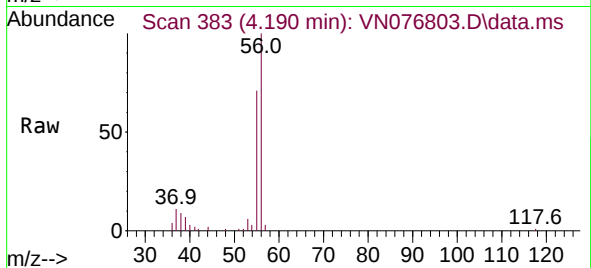
55 69.7 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#14

Allyl chloride

Concen: 18.353 ug/l

RT: 5.042 min Scan# 528

Delta R.T. 0.005 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

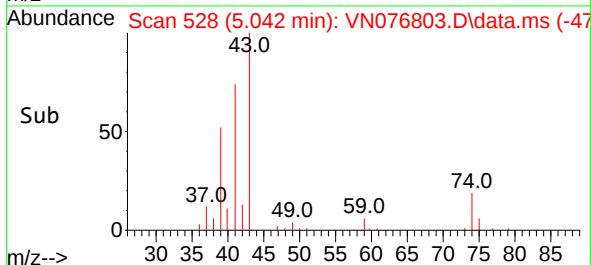
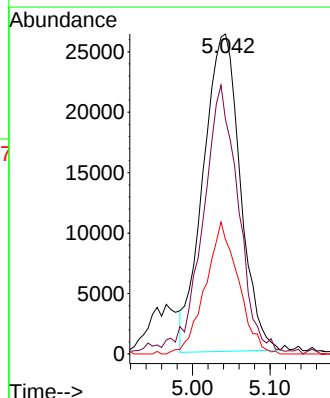
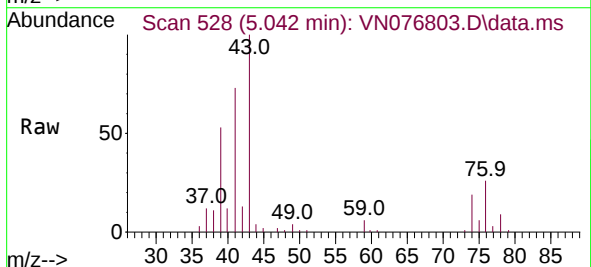
Tgt Ion: 41 Resp: 87146

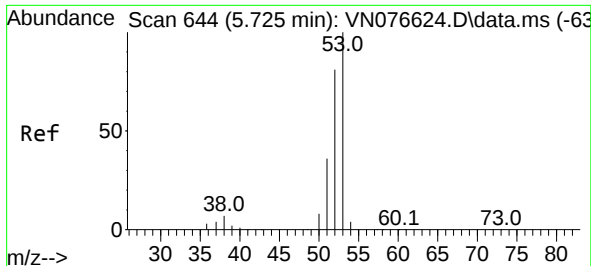
Ion Ratio Lower Upper

41 100

39 79.4 62.3 93.5

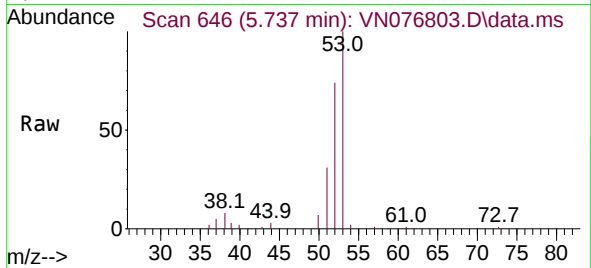
76 37.0 27.0 40.6





#15
Acrylonitrile
Concen: 104.706 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

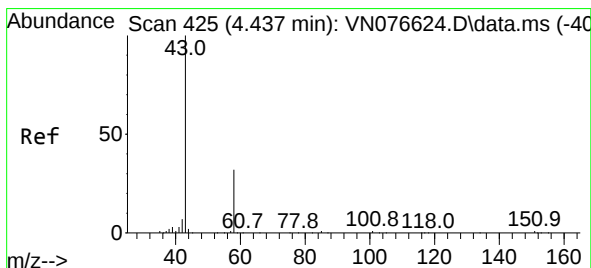
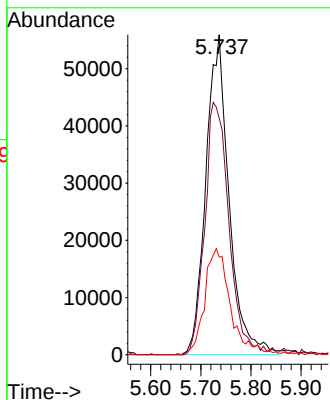
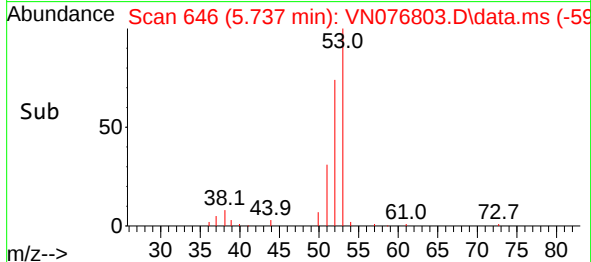
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 53 Resp: 179819
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.2 29.2 43.8

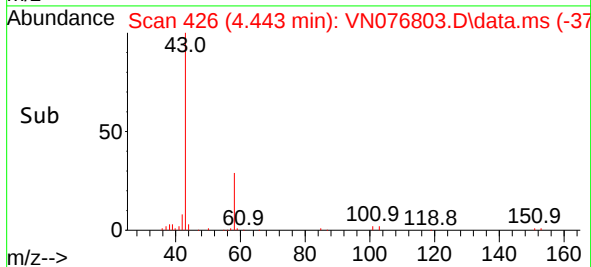
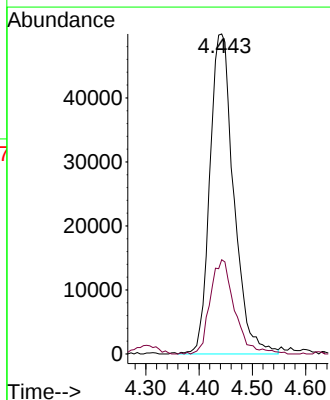
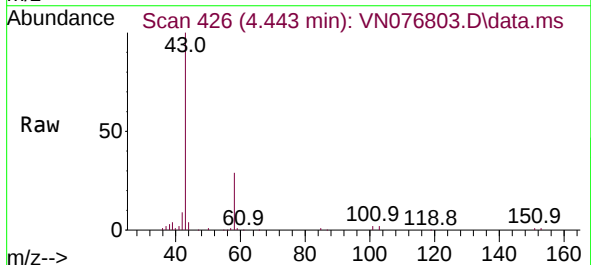
Manual Integrations
APPROVED

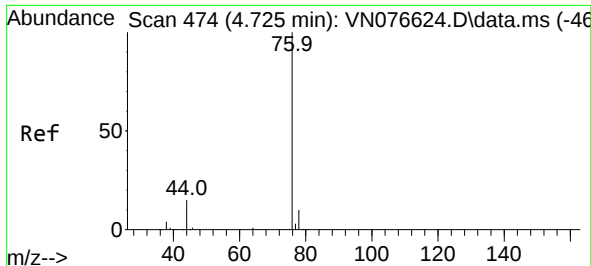
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#16
Acetone
Concen: 95.255 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

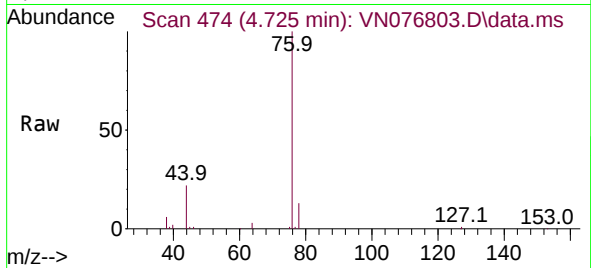
Tgt Ion: 43 Resp: 155989
Ion Ratio Lower Upper
43 100
58 29.5 25.9 38.9





#17
Carbon Disulfide
Concen: 16.323 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

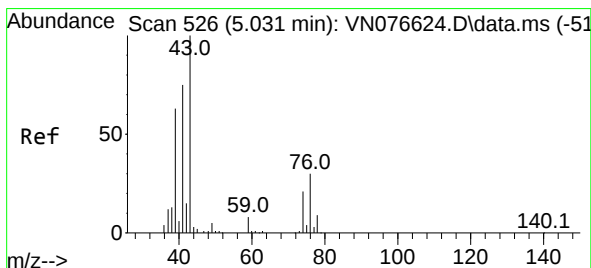
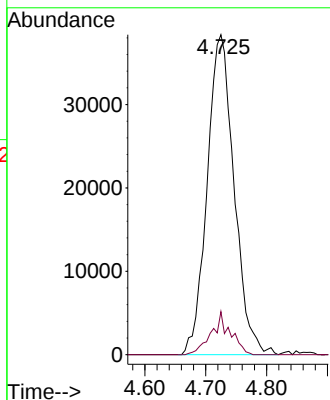
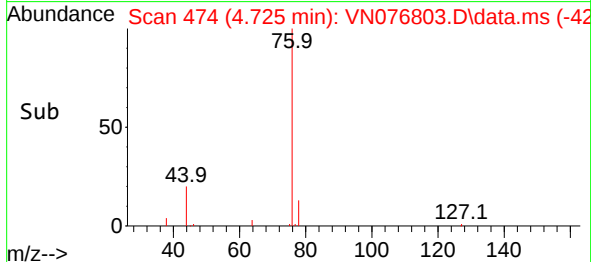
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



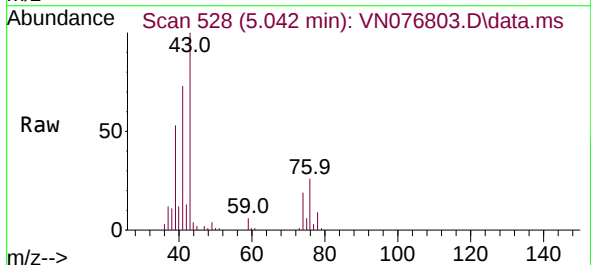
Tgt Ion: 76 Resp: 118100
Ion Ratio Lower Upper
76 100
78 13.5 7.8 11.8

Manual Integrations
APPROVED

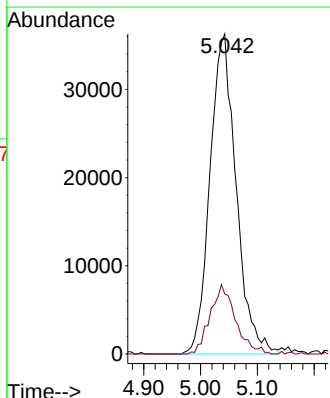
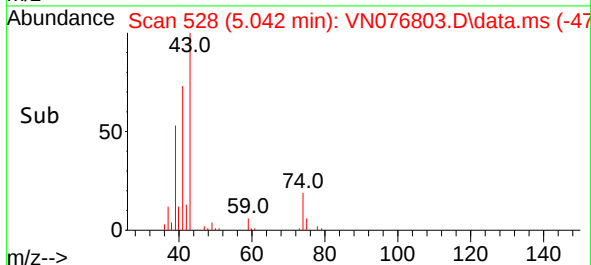
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

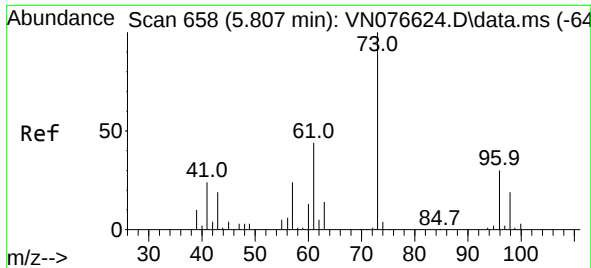


#18
Methyl Acetate
Concen: 21.694 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.011 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion: 43 Resp: 115962
Ion Ratio Lower Upper
43 100
74 20.9 17.7 26.5





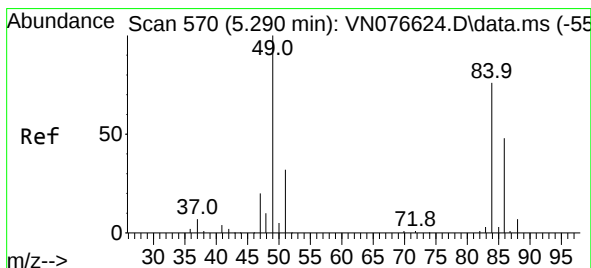
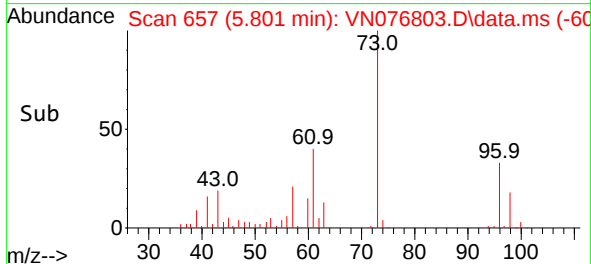
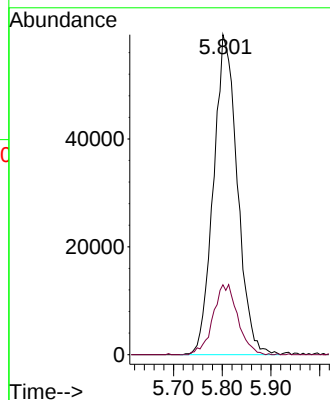
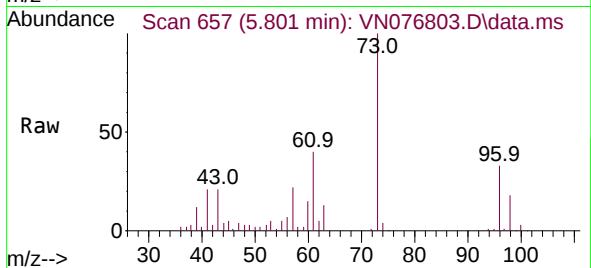
#19
Methyl tert-butyl Ether
Concen: 21.882 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 73 Resp: 20216
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.4

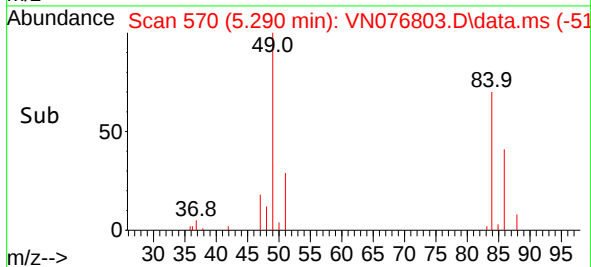
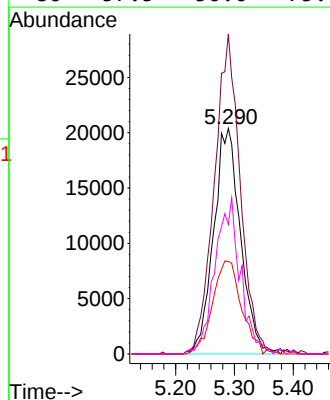
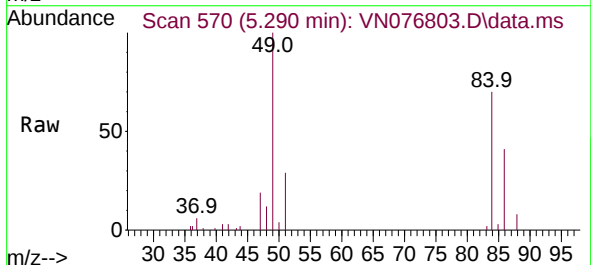
Manual Integrations
APPROVED

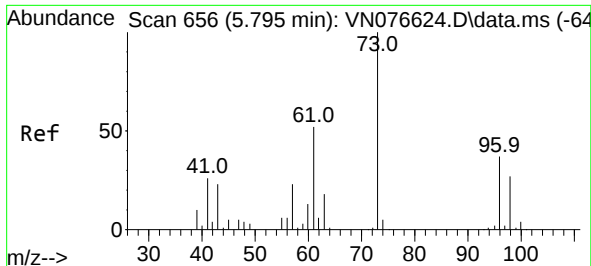
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#20
Methylene Chloride
Concen: 18.860 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

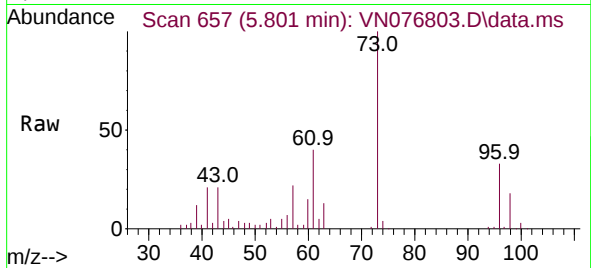
Tgt Ion: 84 Resp: 64730
Ion Ratio Lower Upper
84 100
49 141.9 104.9 157.3
51 41.0 33.8 50.8
86 57.5 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 18.136 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

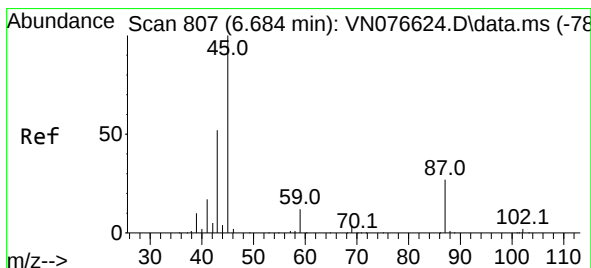
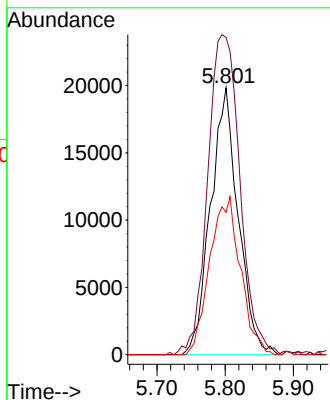
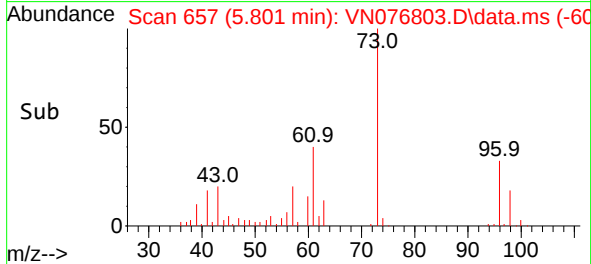
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



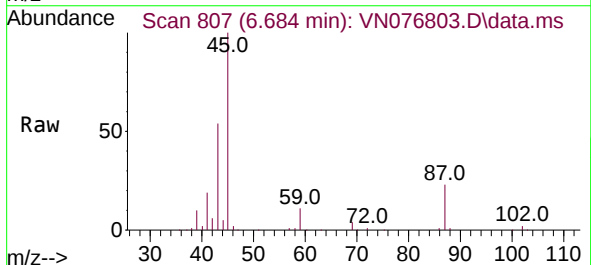
Tgt Ion: 96 Resp: 5594
Ion Ratio Lower Upper
96 100
61 118.0 113.9 170.9
98 53.3 59.4 89.0

Manual Integrations
APPROVED

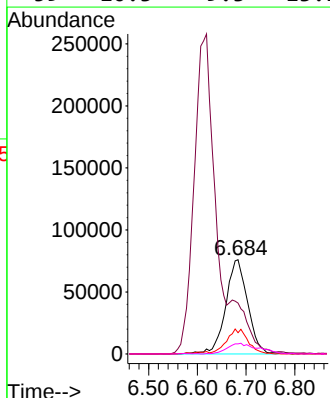
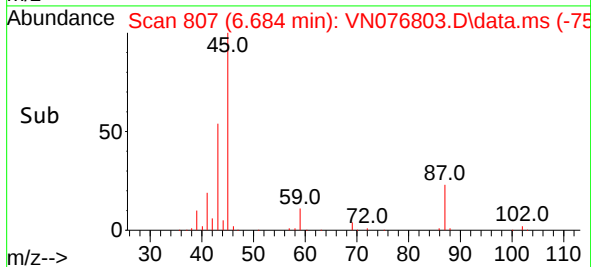
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

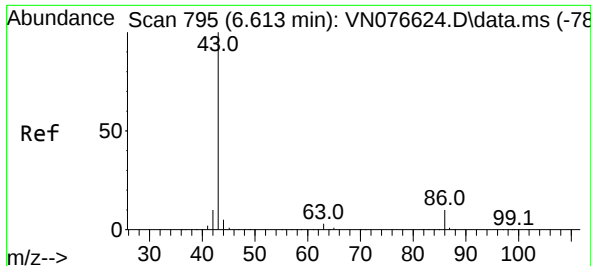


#22
Diisopropyl ether
Concen: 21.336 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion: 45 Resp: 237621
Ion Ratio Lower Upper
45 100
43 51.7 41.8 62.6
87 22.3 21.8 32.8
59 10.3 9.3 13.9





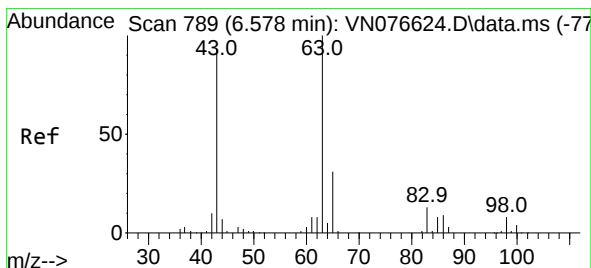
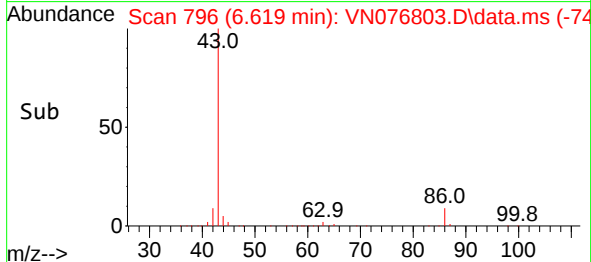
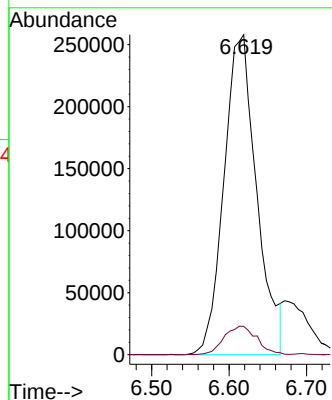
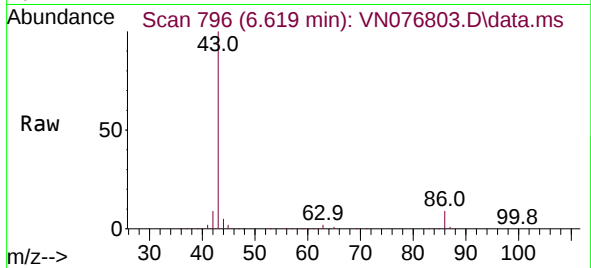
#23
 Vinyl Acetate
 Concen: 115.006 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN076803.D
 Acq: 24 Feb 2023 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Tgt Ion: 43 Resp: 757815
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.2 12.2

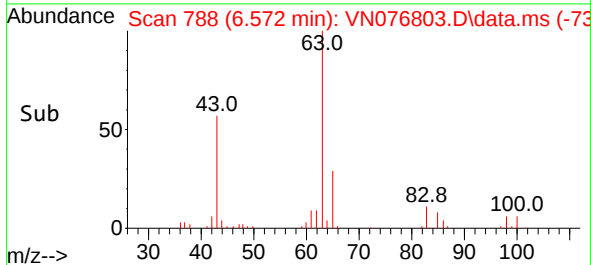
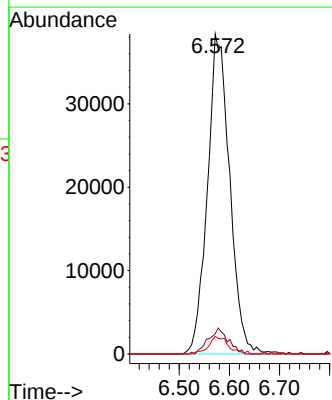
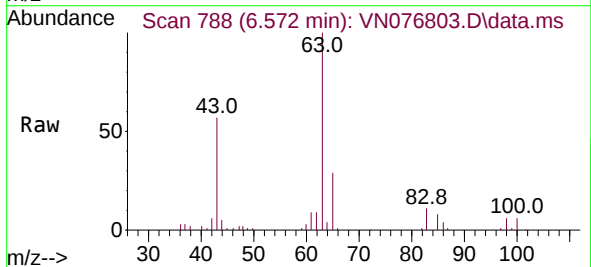
Manual Integrations
 APPROVED

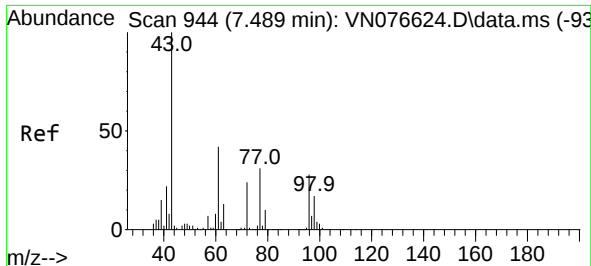
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#24
 1,1-Dichloroethane
 Concen: 19.398 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN076803.D
 Acq: 24 Feb 2023 12:38

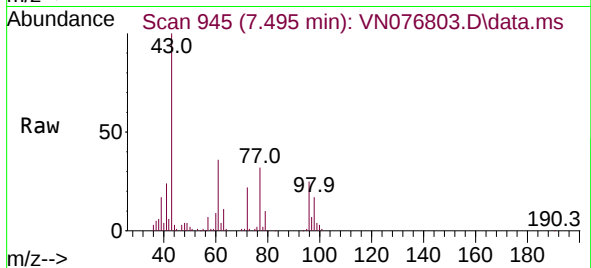
Tgt Ion: 63 Resp: 118397
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.1 12.3
 100 5.5 2.0 5.8





#25
2-Butanone
Concen: 105.224 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

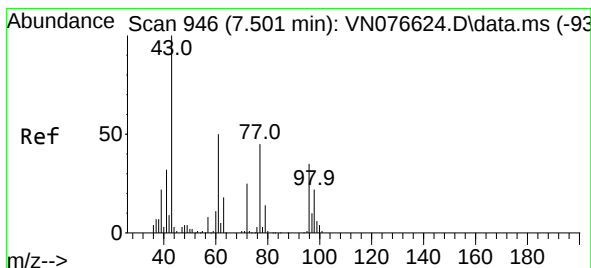
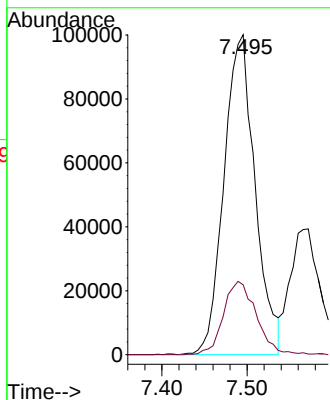
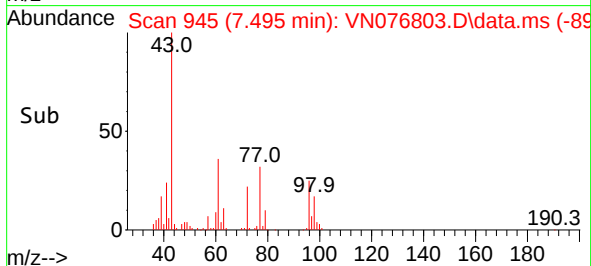
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 43 Resp: 254178
Ion Ratio Lower Upper
43 100
72 21.9 19.4 29.2

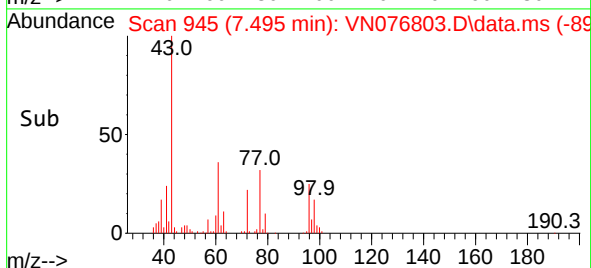
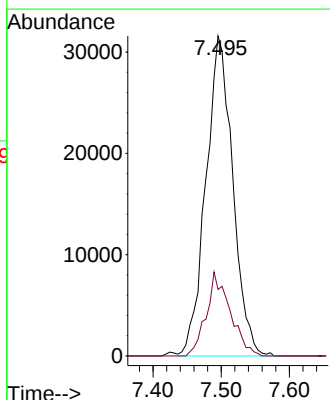
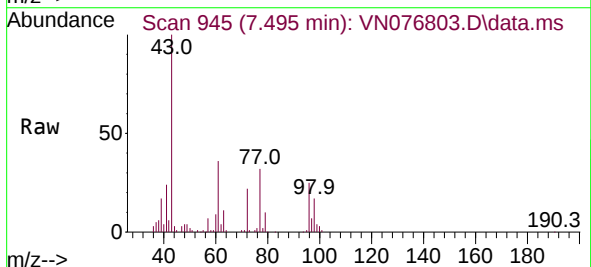
Manual Integrations
APPROVED

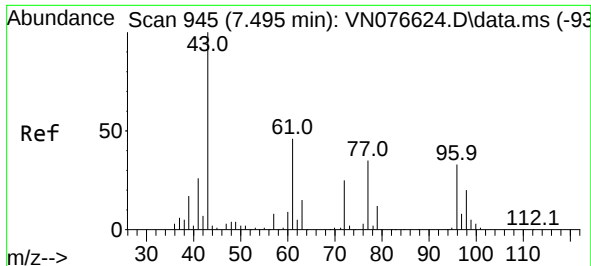
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#26
2,2-Dichloropropane
Concen: 19.703 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion: 77 Resp: 86742
Ion Ratio Lower Upper
77 100
97 23.3 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 18.933 ug/l

RT: 7.489 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN076803.D

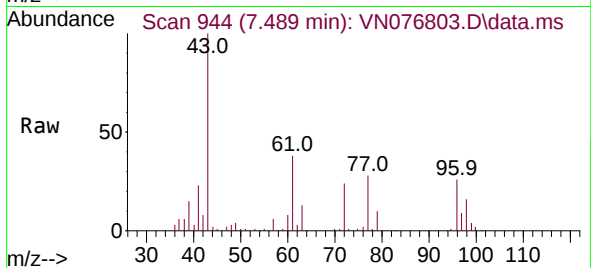
Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01



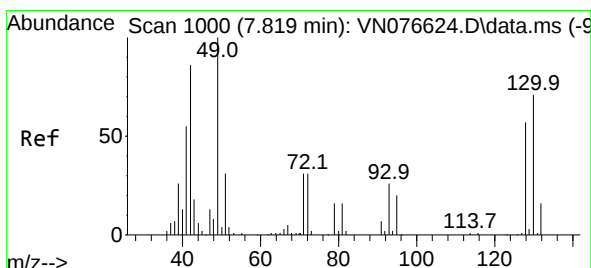
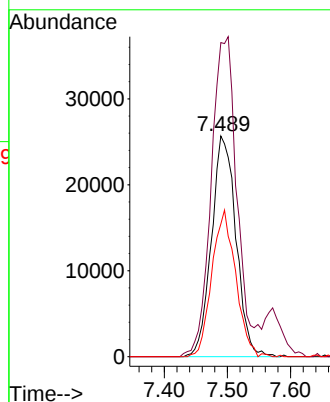
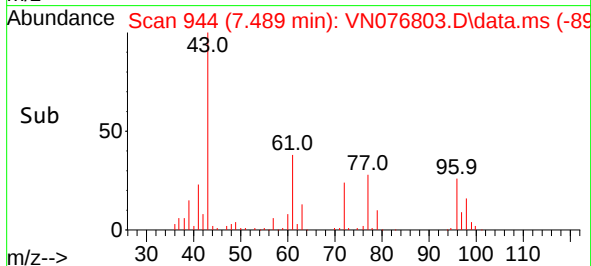
Tgt Ion:	96	Resp:	6927
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	286.8
98	64.6	0.0	124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#28

Bromochloromethane

Concen: 21.156 ug/l

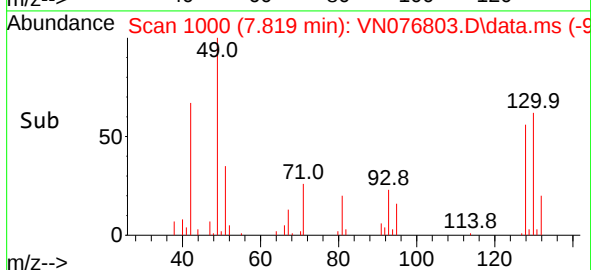
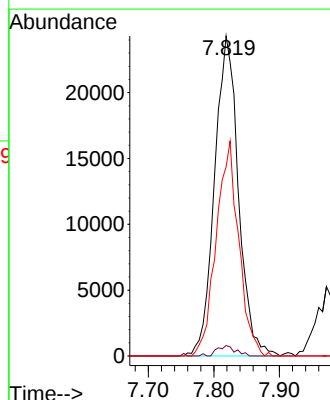
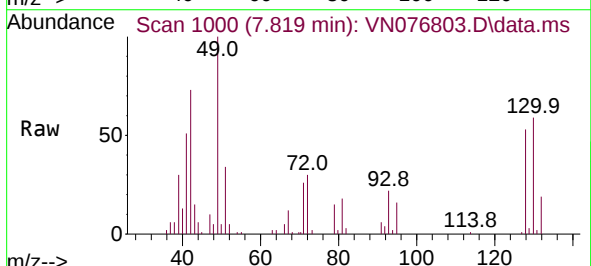
RT: 7.819 min Scan# 1000

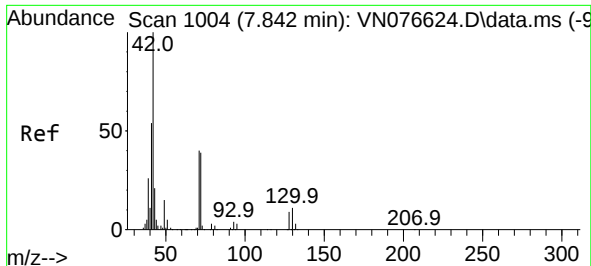
Delta R.T. -0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Tgt Ion:	49	Resp:	61457
Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	63.4	57.8	86.8





#29

Tetrahydrofuran

Concen: 101.098 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 42 Resp: 159550

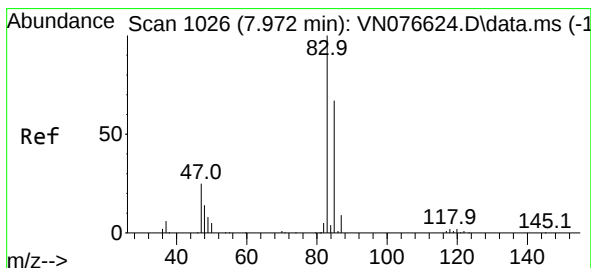
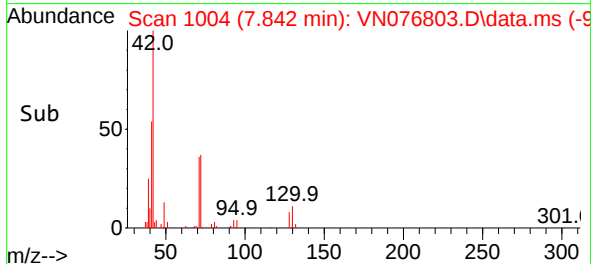
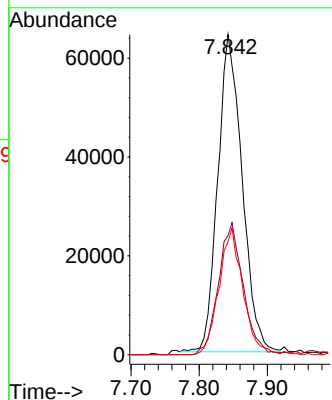
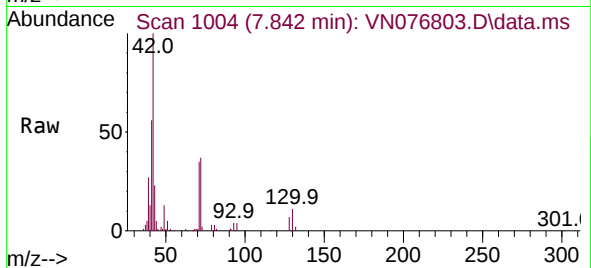
Ion	Ratio	Lower	Upper
42	100		
72	42.3	31.5	47.3
71	38.9	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#30

Chloroform

Concen: 19.644 ug/l

RT: 7.972 min Scan# 1026

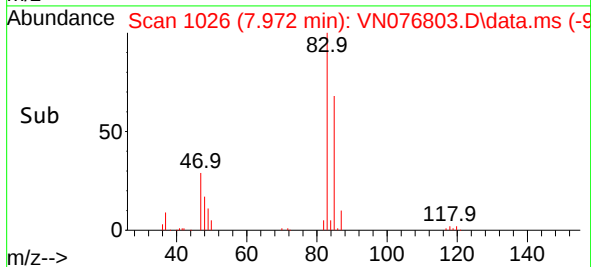
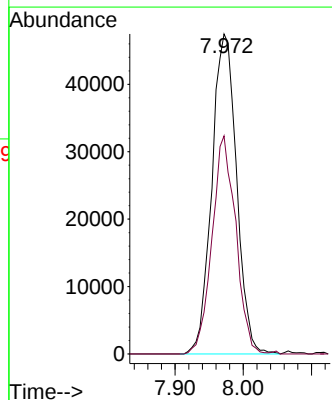
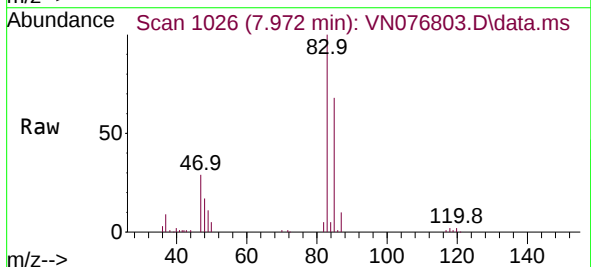
Delta R.T. -0.000 min

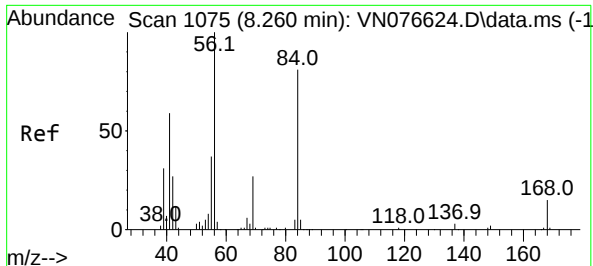
Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Tgt Ion: 83 Resp: 119795

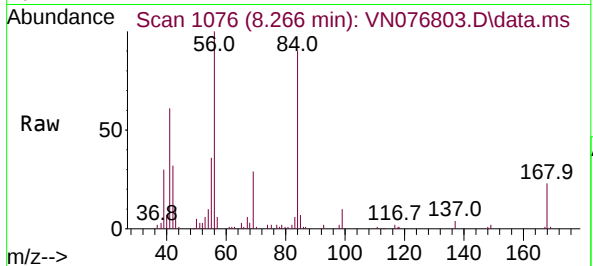
Ion	Ratio	Lower	Upper
83	100		
85	68.1	53.5	80.3





#31
Cyclohexane
Concen: 18.301 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

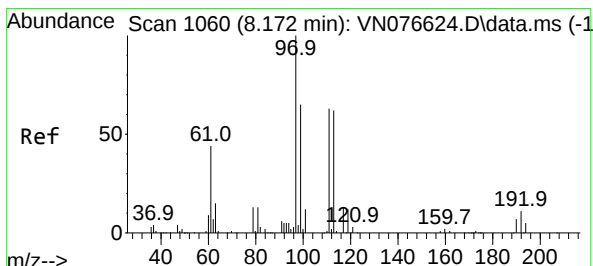
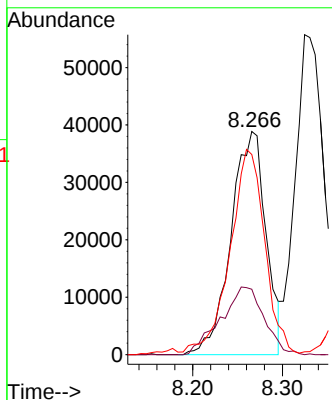
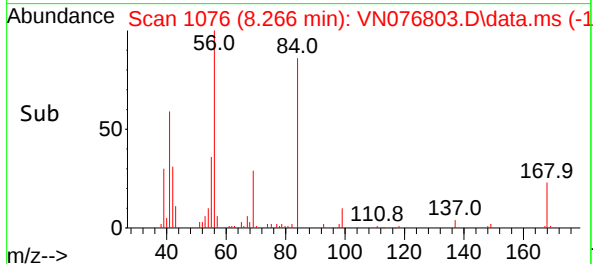
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 56 Resp: 10524
Ion Ratio Lower Upper
56 100
69 29.3 21.6 32.4
84 88.6 65.1 97.7

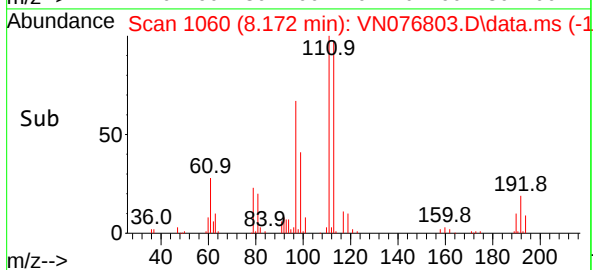
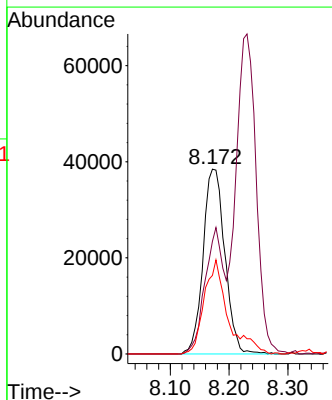
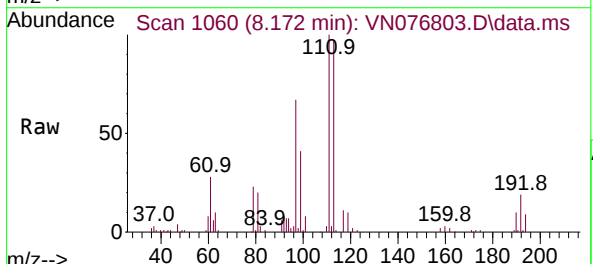
Manual Integrations
APPROVED

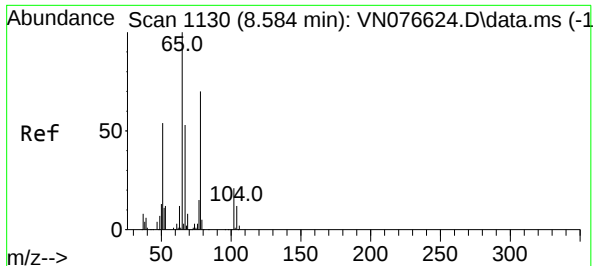
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#32
1,1,1-Trichloroethane
Concen: 19.316 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

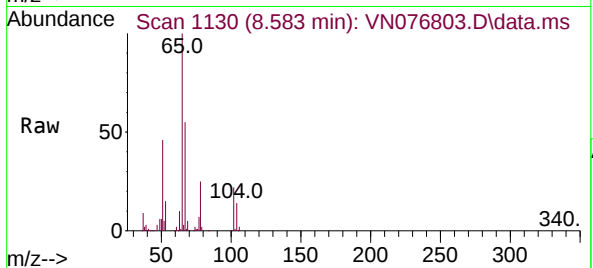
Tgt Ion: 97 Resp: 99044
Ion Ratio Lower Upper
97 100
99 58.5 51.2 76.8
61 55.1 38.2 57.2





#33
1,2-Dichloroethane-d4
Concen: 46.959 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

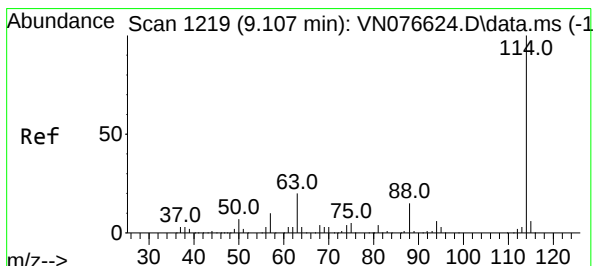
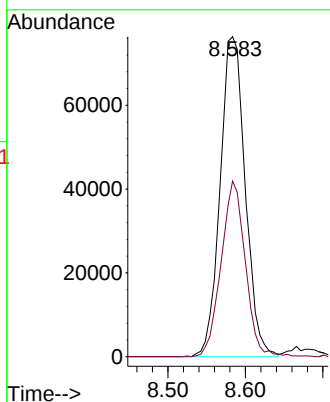
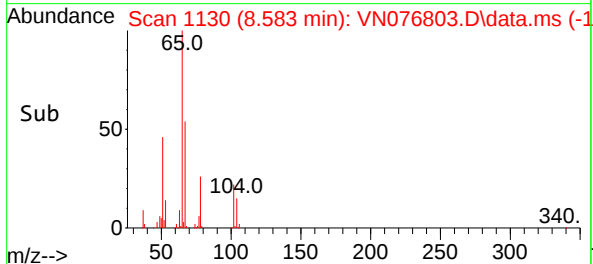
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



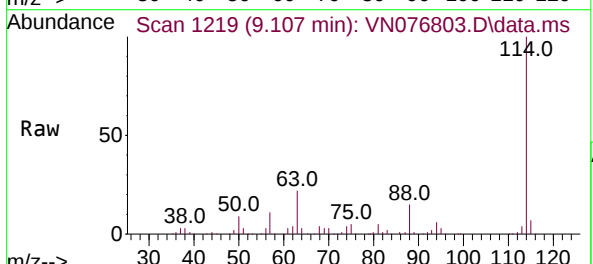
Tgt Ion: 65 Resp: 17215
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6

Manual Integrations
APPROVED

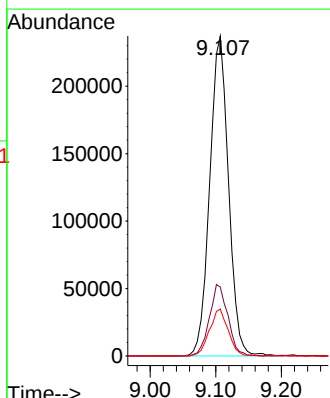
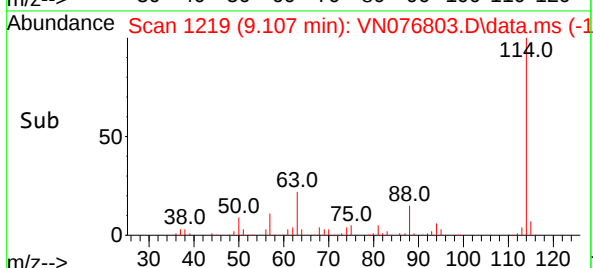
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

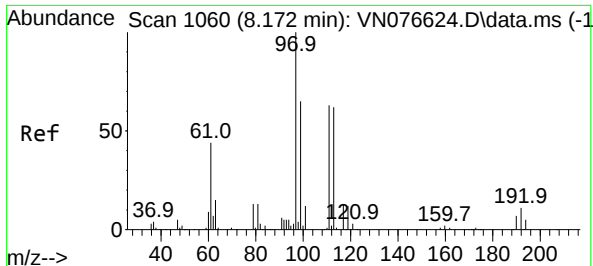


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



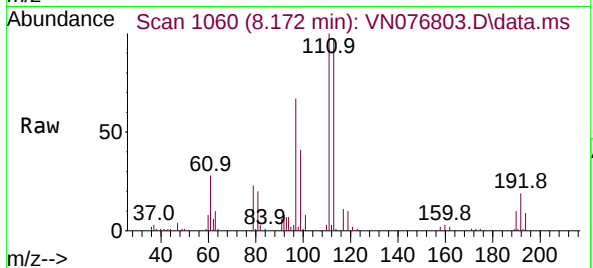
Tgt Ion:114 Resp: 471373
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.0
88 14.6 0.0 29.6





#35
Dibromofluoromethane
Concen: 41.829 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

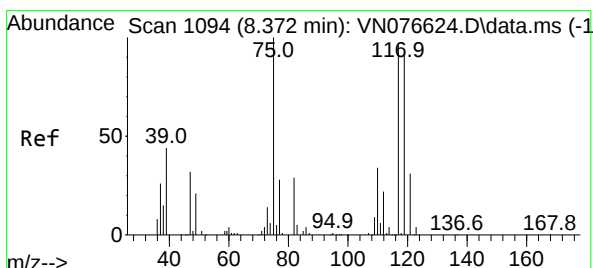
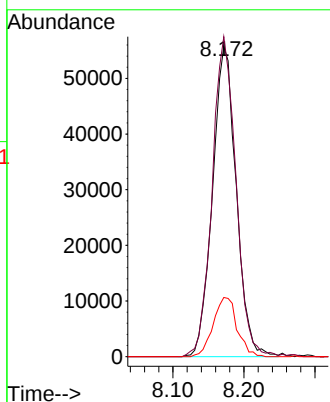
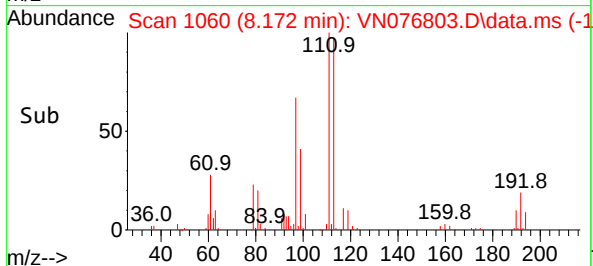
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 113 Resp: 129124
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 19.2 15.6 23.4

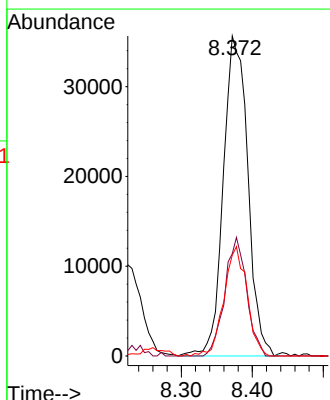
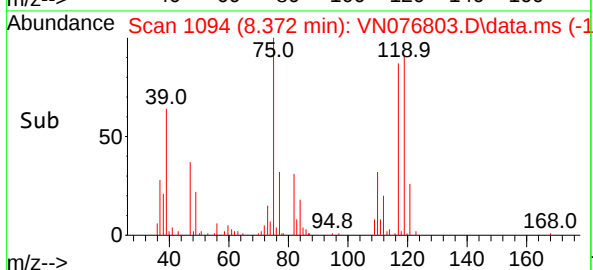
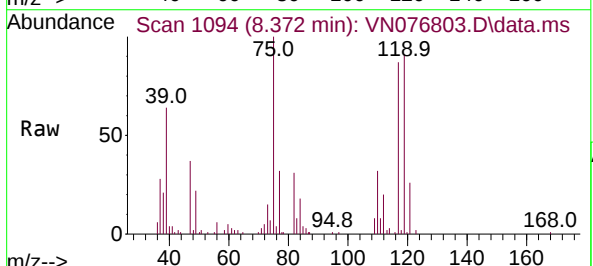
Manual Integrations
APPROVED

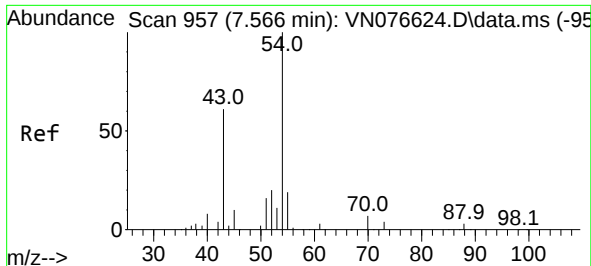
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#36
1,1-Dichloropropene
Concen: 19.174 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion: 75 Resp: 85516
Ion Ratio Lower Upper
75 100
110 33.0 17.5 52.5
77 32.2 24.5 36.7





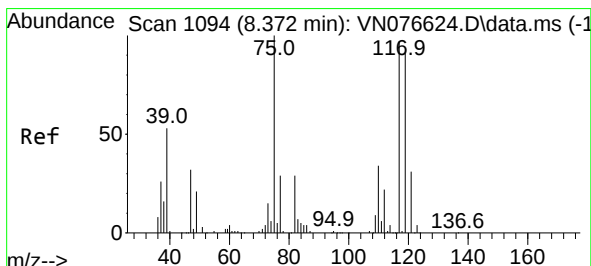
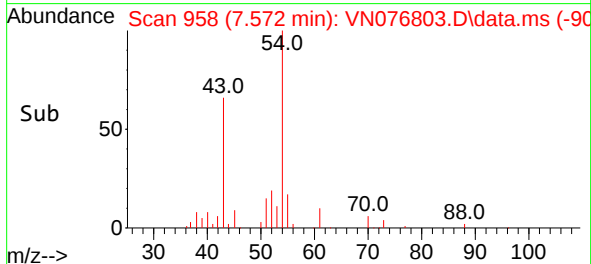
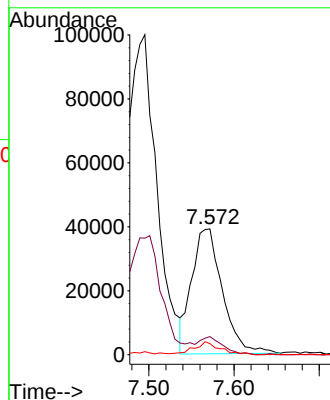
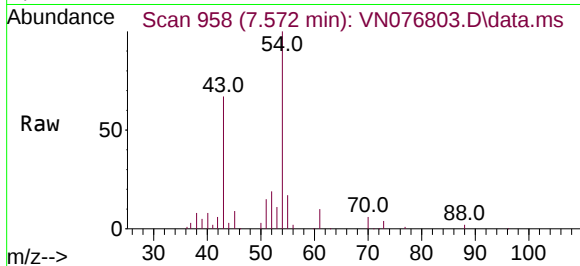
#37
Ethyl Acetate
Concen: 20.852 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 43 Resp: 97852
Ion Ratio Lower Upper
43 100
61 10.7 9.9 14.9
70 8.7 7.8 11.6

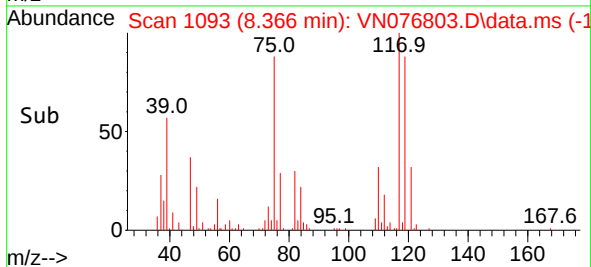
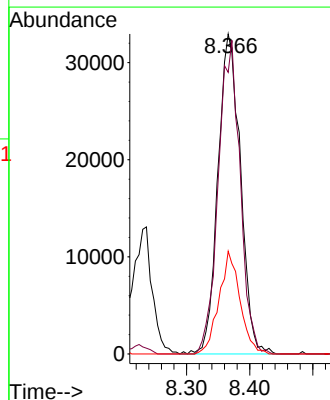
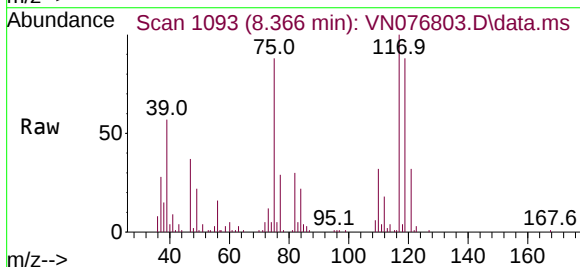
Manual Integrations
APPROVED

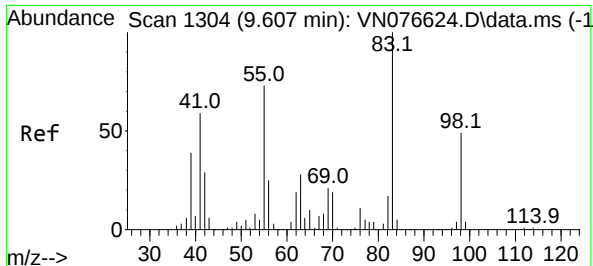
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#38
Carbon Tetrachloride
Concen: 18.116 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion:117 Resp: 81507
Ion Ratio Lower Upper
117 100
119 88.0 75.4 113.0
121 32.1 26.0 39.0





#39

Methylcyclohexane

Concen: 18.312 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. -0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 83 Resp: 92838

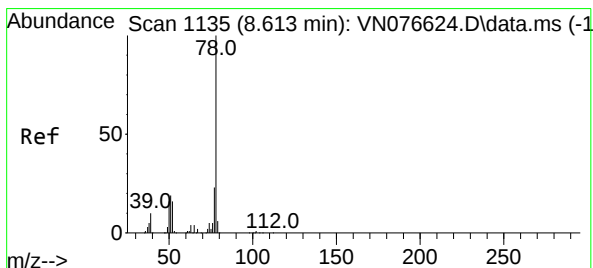
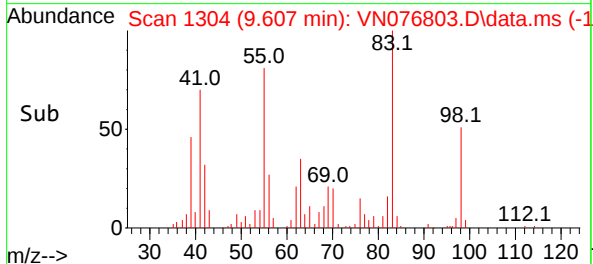
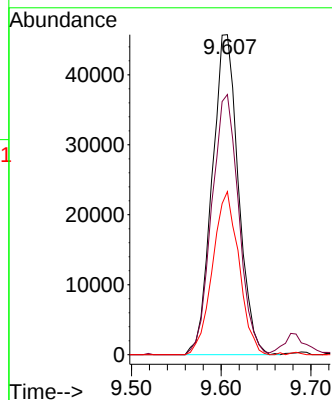
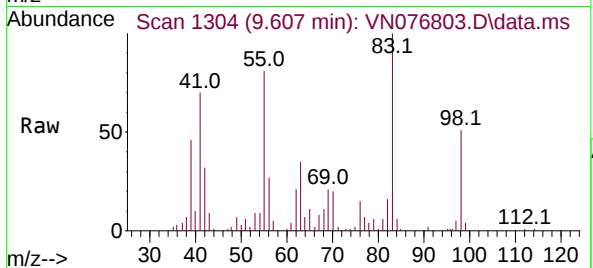
Ion	Ratio	Lower	Upper
83	100		
55	81.3	58.6	88.0
98	51.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#40

Benzene

Concen: 19.407 ug/l

RT: 8.613 min Scan# 1135

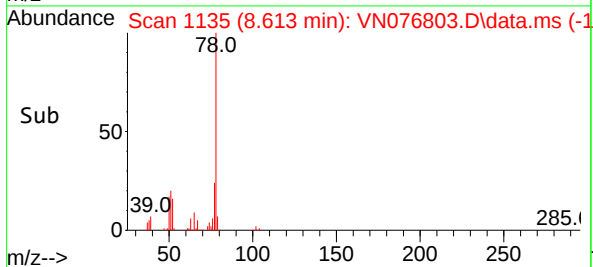
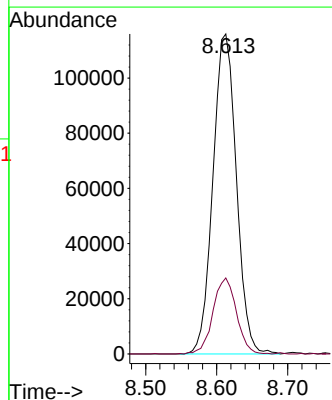
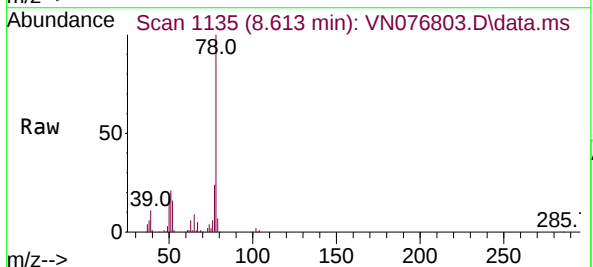
Delta R.T. -0.000 min

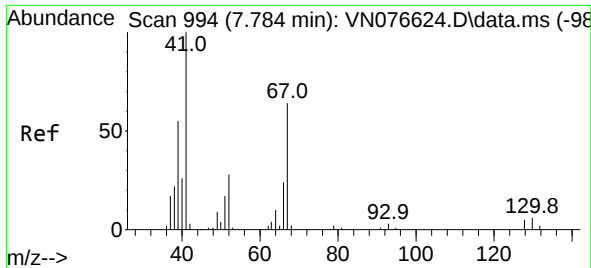
Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Tgt Ion: 78 Resp: 265805

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.4





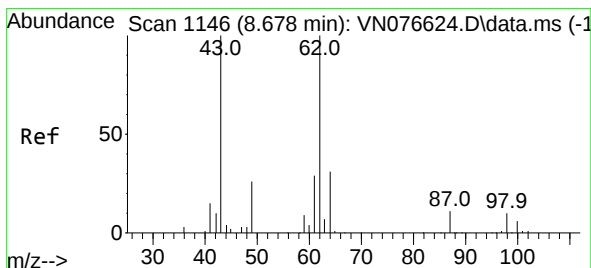
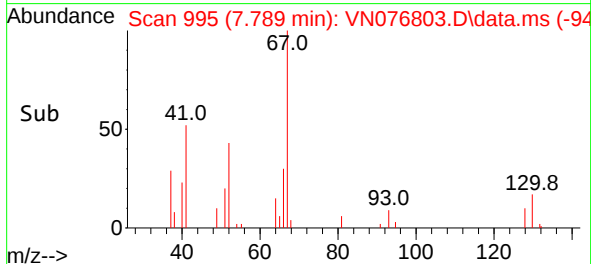
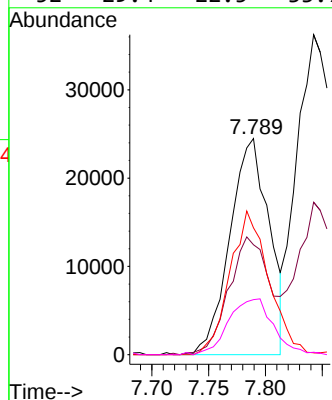
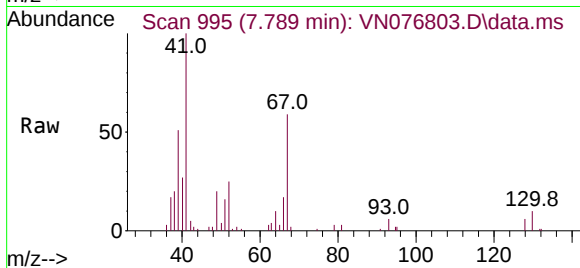
#41
Methacrylonitrile
Concen: 21.679 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 41 Resp: 58934
Ion Ratio Lower Upper
41 100
39 57.2 42.6 63.8
67 65.7 51.4 77.0
52 29.4 22.5 33.7

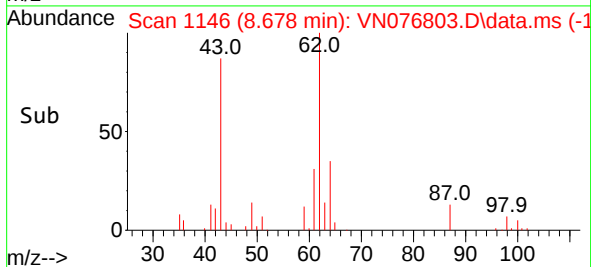
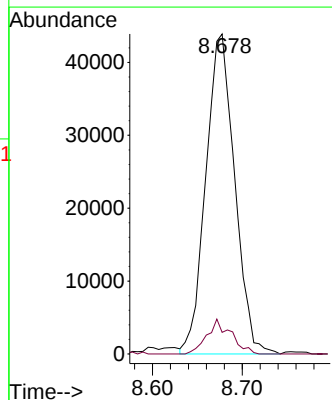
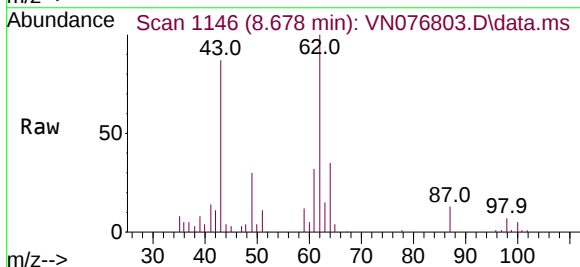
Manual Integrations
APPROVED

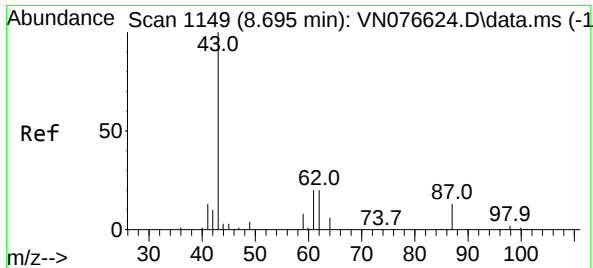
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#42
1,2-Dichloroethane
Concen: 20.567 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

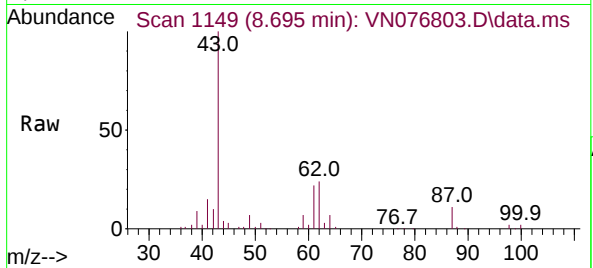
Tgt Ion: 62 Resp: 98247
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 21.791 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

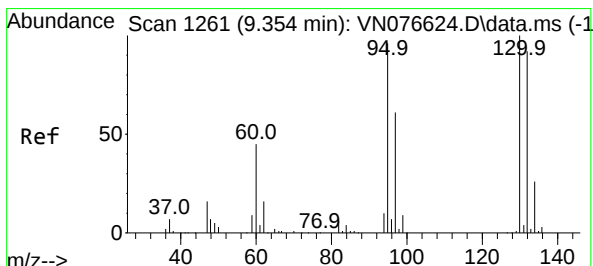
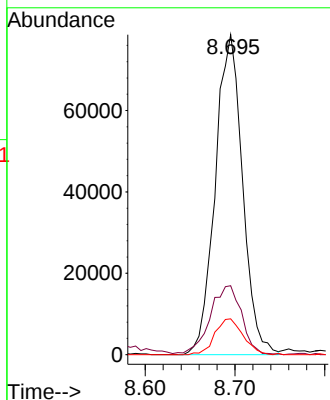
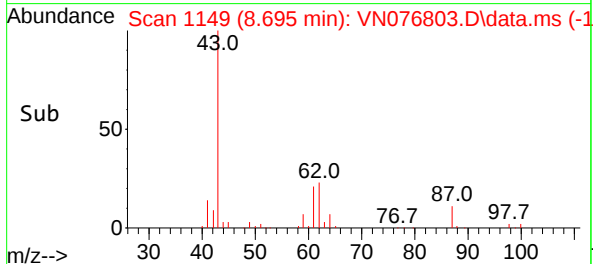
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



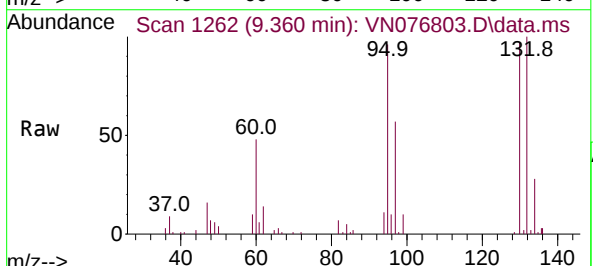
Tgt Ion: 43 Resp: 16639
Ion Ratio Lower Upper
43 100
61 25.0 20.0 30.0
87 11.5 9.9 14.9

Manual Integrations
APPROVED

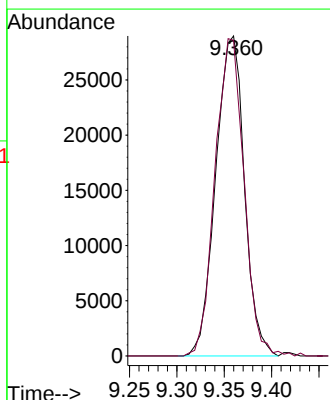
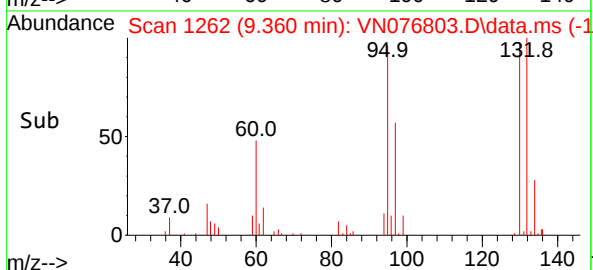
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

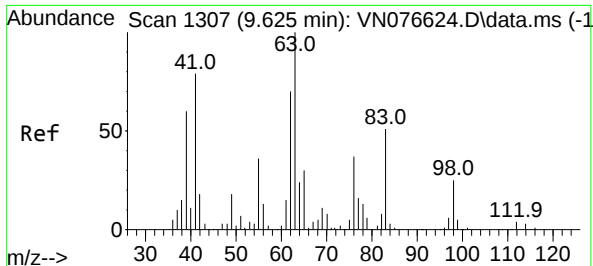


#44
Trichloroethene
Concen: 18.848 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion:130 Resp: 61006
Ion Ratio Lower Upper
130 100
95 98.7 0.0 191.4





#45

1,2-Dichloropropane

Concen: 20.092 ug/l

RT: 9.630 min Scan# 1308

Delta R.T. 0.005 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 63 Resp: 7284

Ion Ratio Lower Upper

63 100

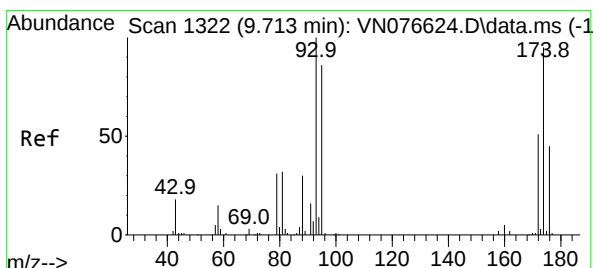
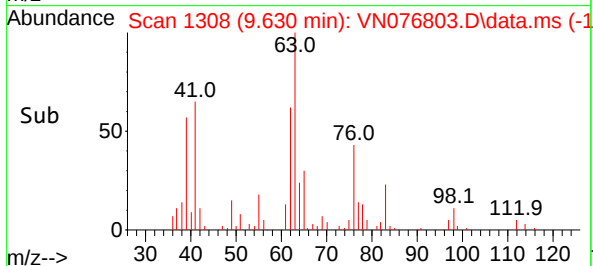
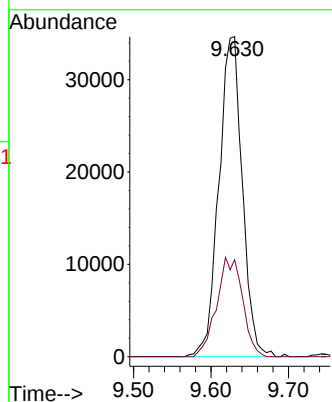
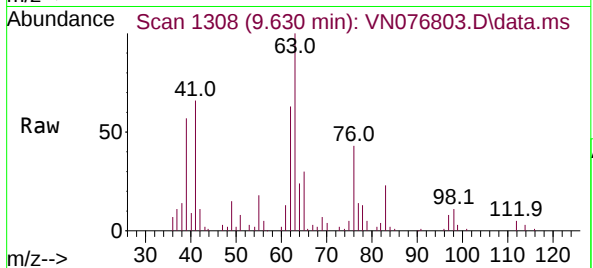
65 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#46

Dibromomethane

Concen: 20.634 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

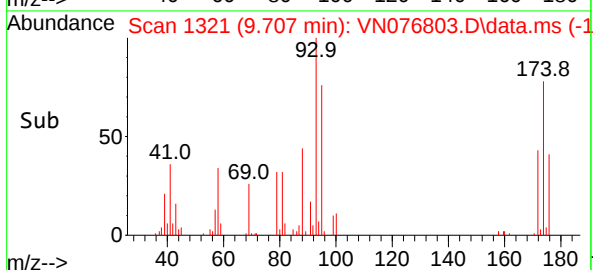
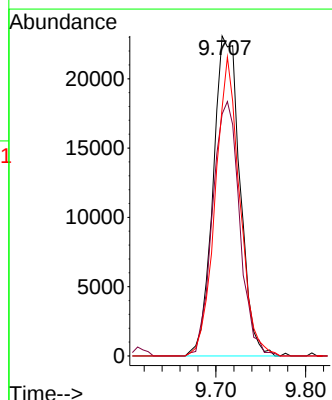
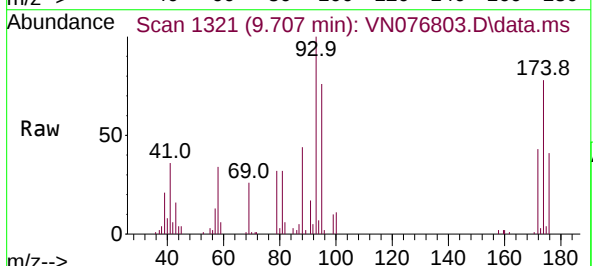
Tgt Ion: 93 Resp: 47829

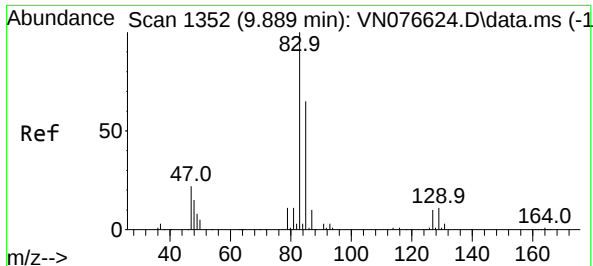
Ion Ratio Lower Upper

93 100

95 80.3 66.0 99.0

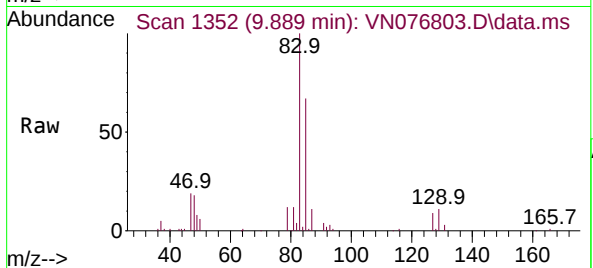
174 85.3 75.8 113.8





#47
Bromodichloromethane
Concen: 20.360 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

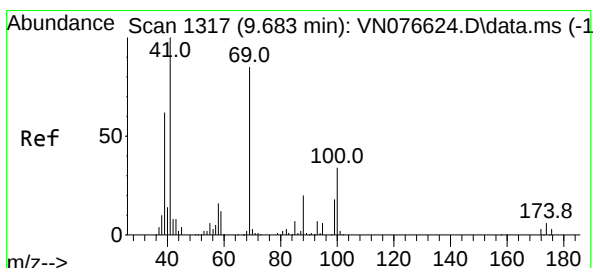
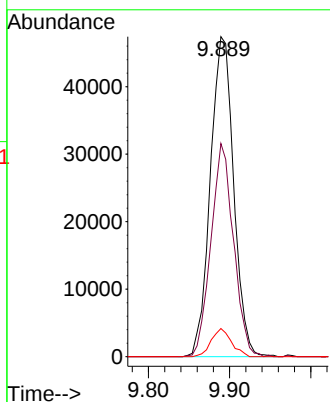
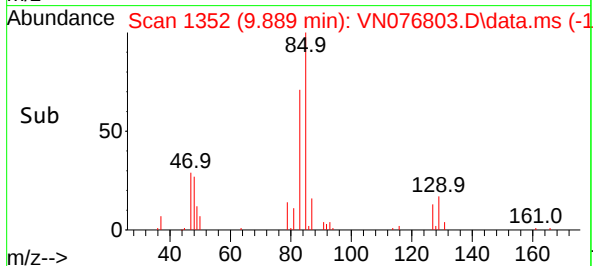
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 83 Resp: 94620
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6
127 8.8 7.9 11.9

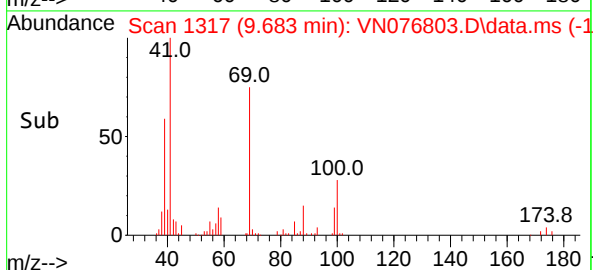
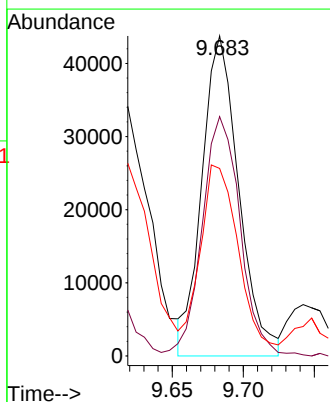
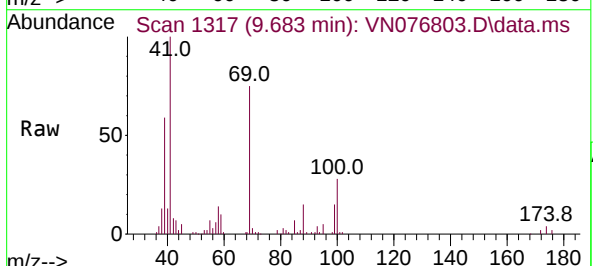
Manual Integrations
APPROVED

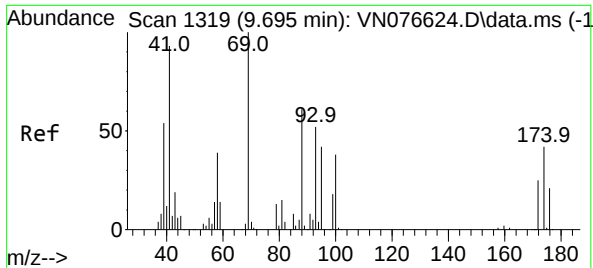
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#48
Methyl methacrylate
Concen: 21.790 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion: 41 Resp: 78954
Ion Ratio Lower Upper
41 100
69 77.4 65.4 98.0
39 62.3 49.3 73.9





#49

1,4-Dioxane

Concen: 437.210 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 88 Resp: 27404

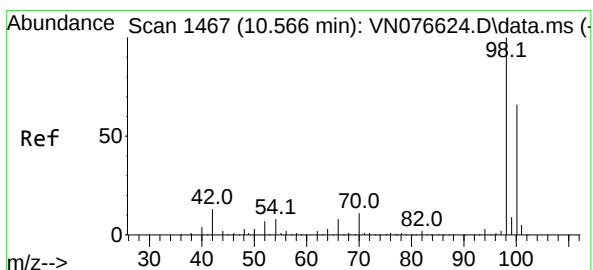
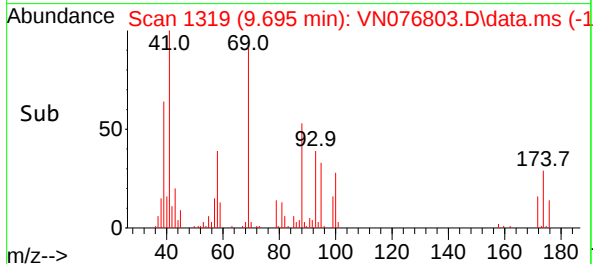
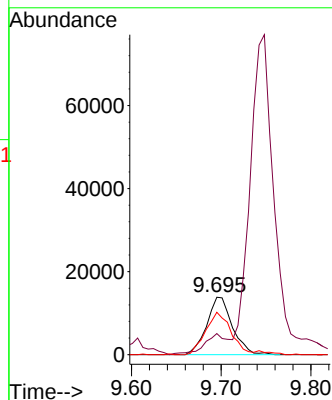
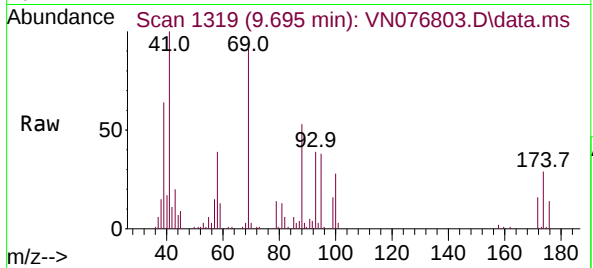
Ion	Ratio	Lower	Upper
88	100		
43	31.2	22.6	33.8
58	73.7	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#50

Toluene-d8

Concen: 44.895 ug/l

RT: 10.572 min Scan# 1468

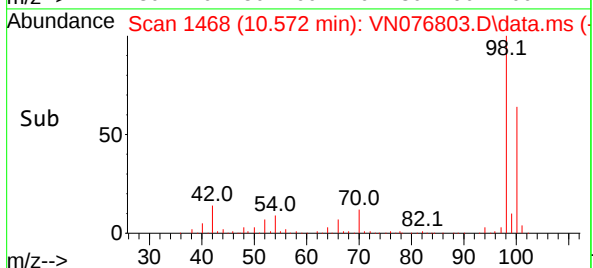
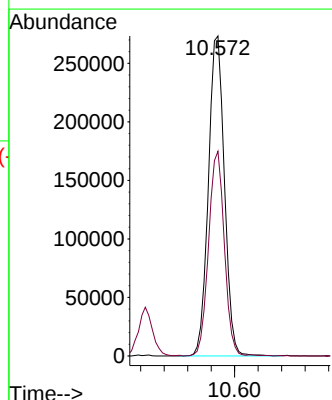
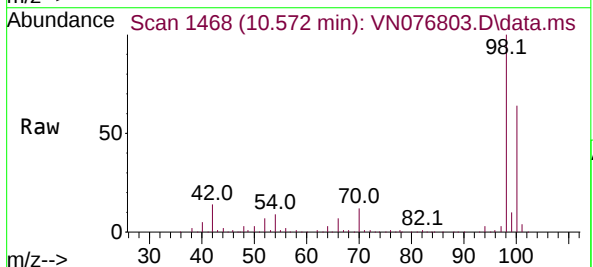
Delta R.T. 0.006 min

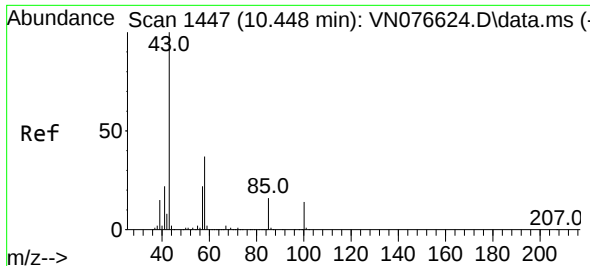
Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Tgt Ion: 98 Resp: 517560

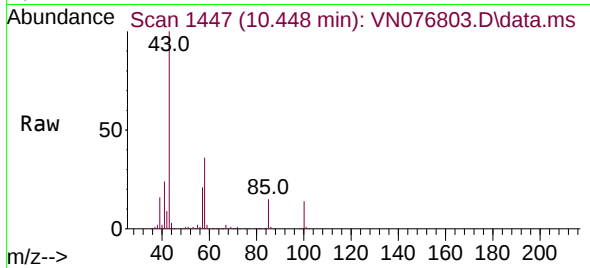
Ion	Ratio	Lower	Upper
98	100		
100	62.6	52.9	79.3





#51
4-Methyl-2-Pentanone
Concen: 113.059 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

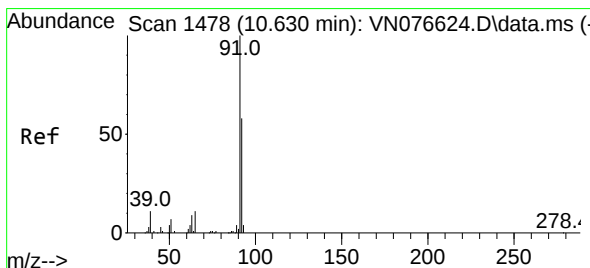
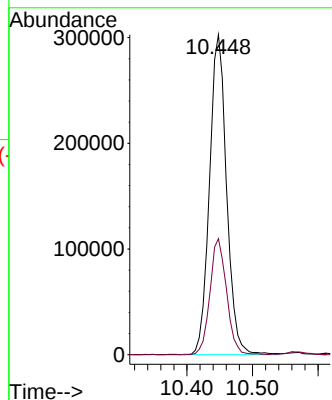
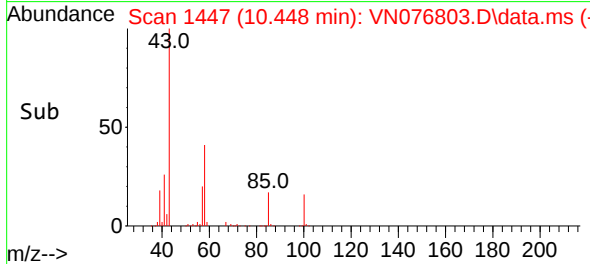
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 43 Resp: 54928
Ion Ratio Lower Upper
43 100
58 35.2 29.5 44.3

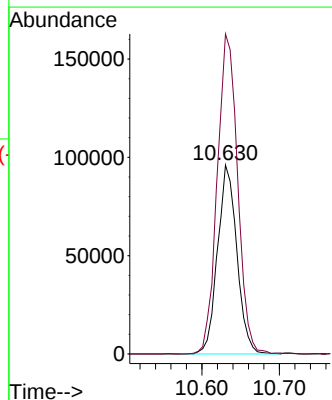
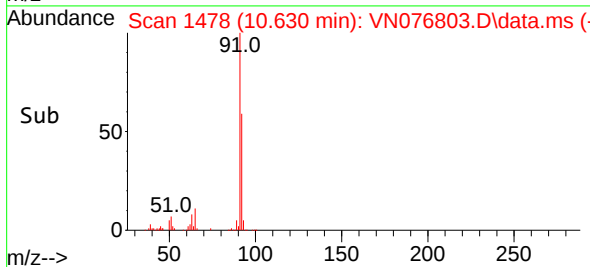
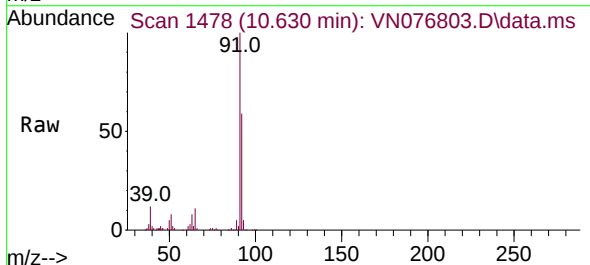
Manual Integrations
APPROVED

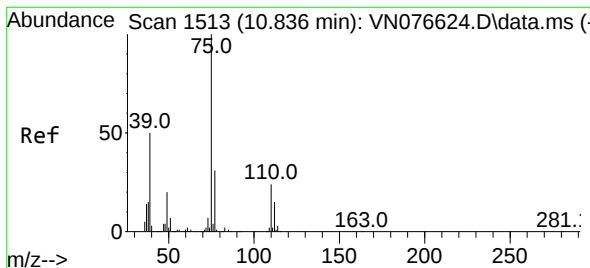
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#52
Toluene
Concen: 20.151 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

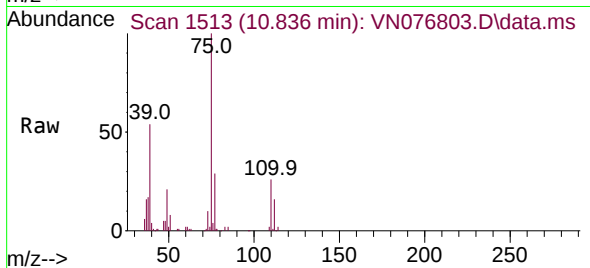
Tgt Ion: 92 Resp: 166635
Ion Ratio Lower Upper
92 100
91 178.7 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 21.814 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

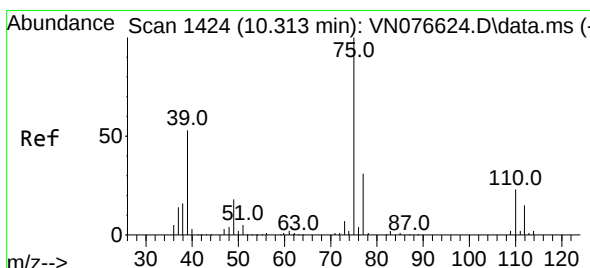
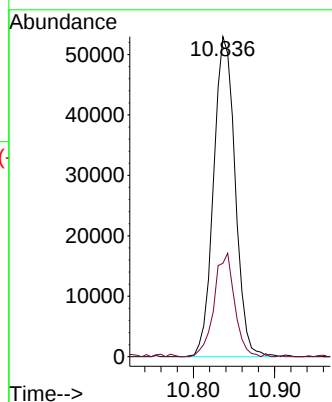
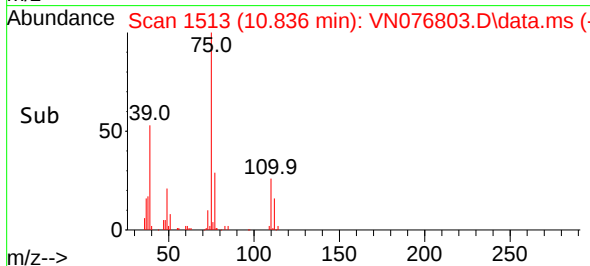
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 75 Resp: 97849
Ion Ratio Lower Upper
75 100
77 29.2 24.6 37.0

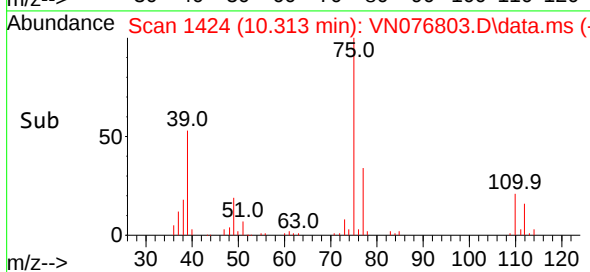
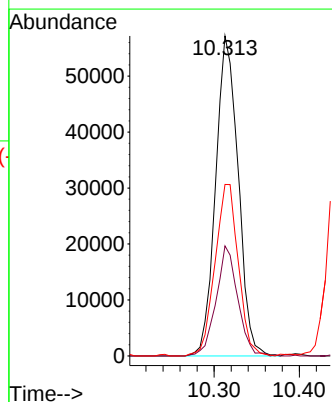
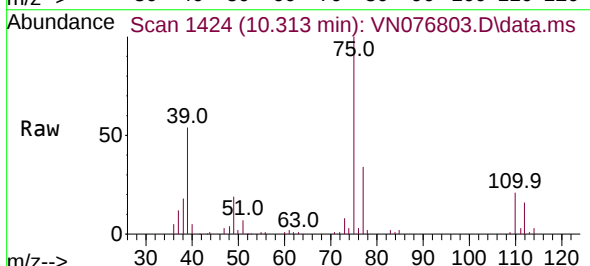
Manual Integrations
APPROVED

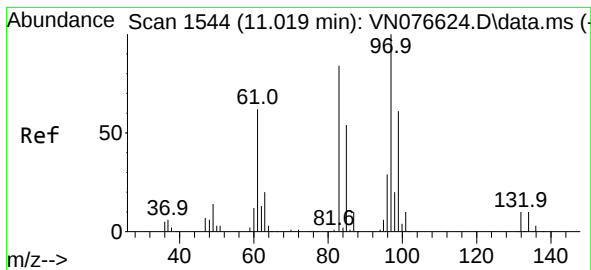
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#54
cis-1,3-Dichloropropene
Concen: 20.337 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

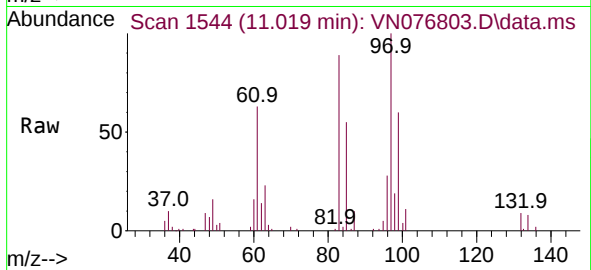
Tgt Ion: 75 Resp: 105226
Ion Ratio Lower Upper
75 100
77 34.4 25.1 37.7
39 53.6 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 21.134 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

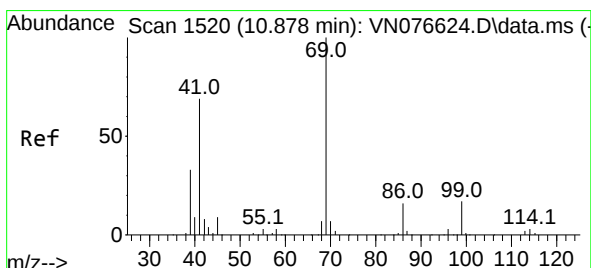
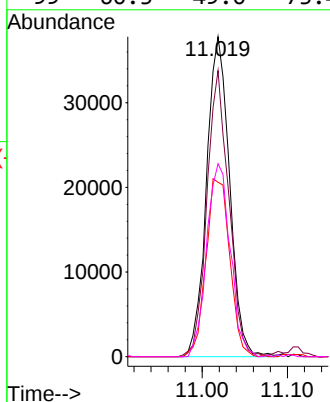
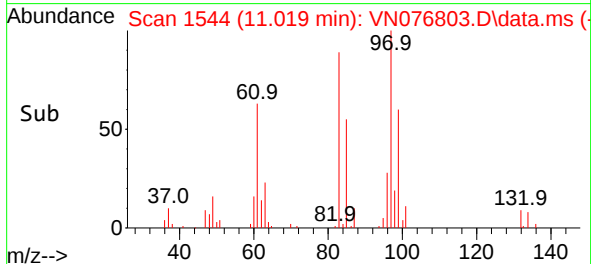
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



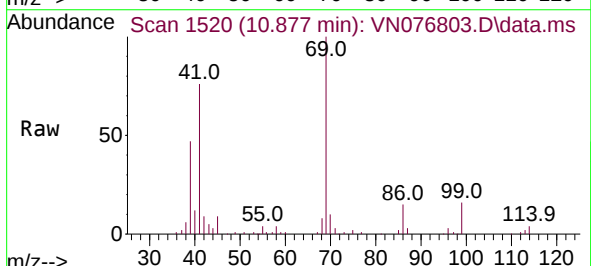
Tgt Ion: 97 Resp: 7106
Ion Ratio Lower Upper
97 100
83 89.4 67.3 100.9
85 54.5 43.2 64.8
99 60.3 49.0 73.4

Manual Integrations
APPROVED

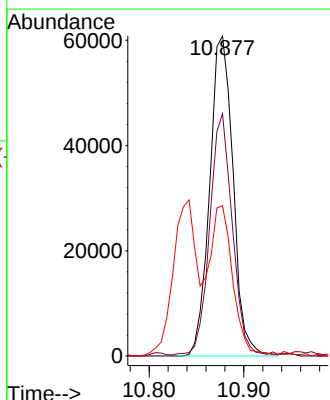
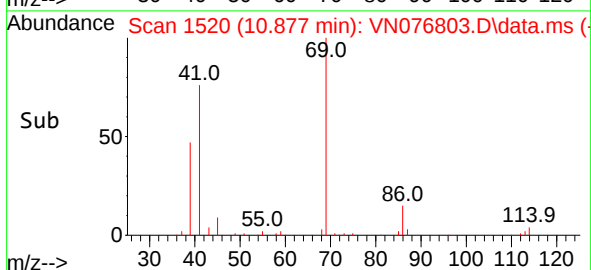
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

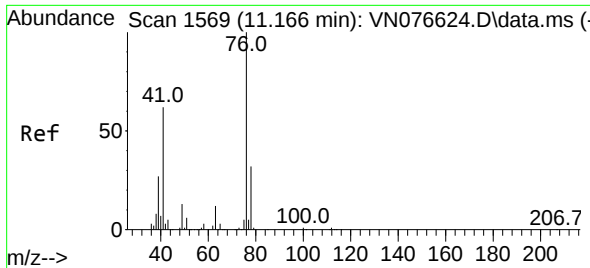


#56
Ethyl methacrylate
Concen: 22.027 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion: 69 Resp: 104256
Ion Ratio Lower Upper
69 100
41 72.1 55.1 82.7
39 47.6 30.7 46.1





#57

1,3-Dichloropropane

Concen: 20.887 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion: 76 Resp: 12066

Ion Ratio Lower Upper

76 100

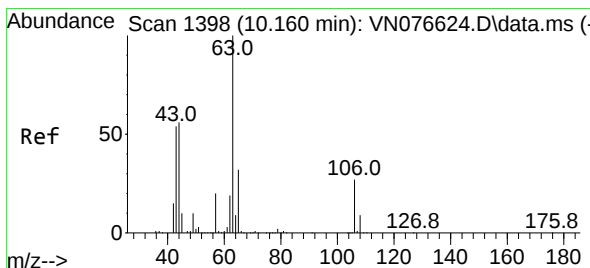
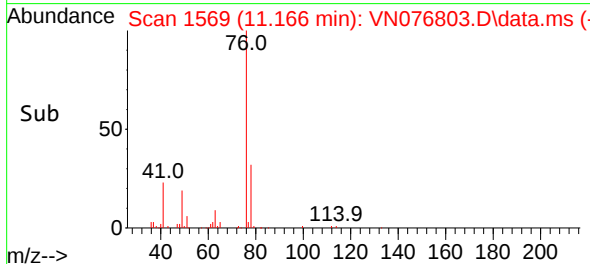
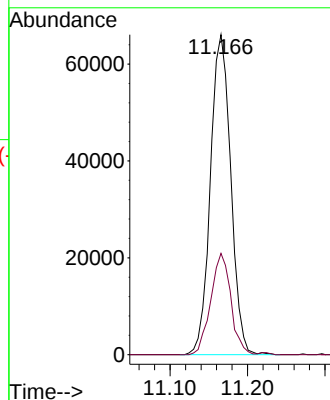
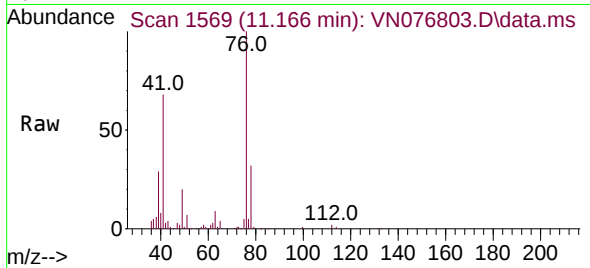
78 31.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 102.128 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076803.D

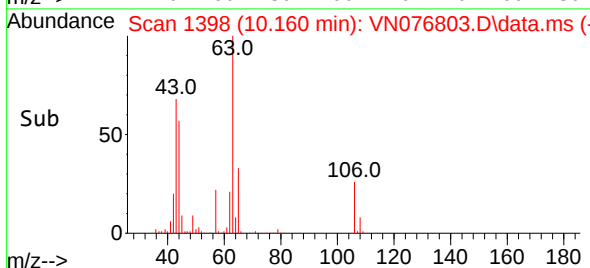
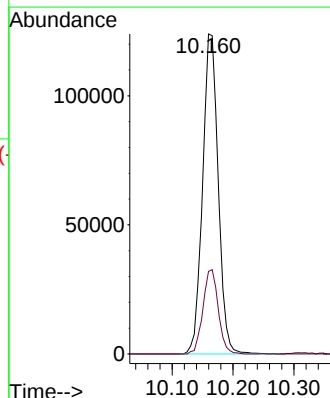
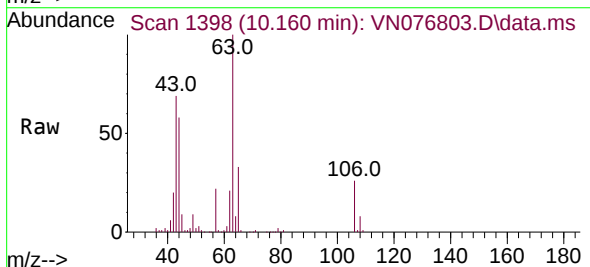
Acq: 24 Feb 2023 12:38

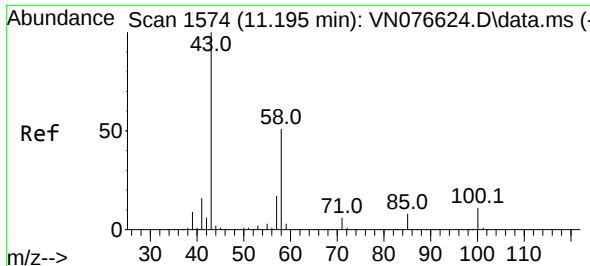
Tgt Ion: 63 Resp: 221376

Ion Ratio Lower Upper

63 100

106 25.8 22.3 33.5





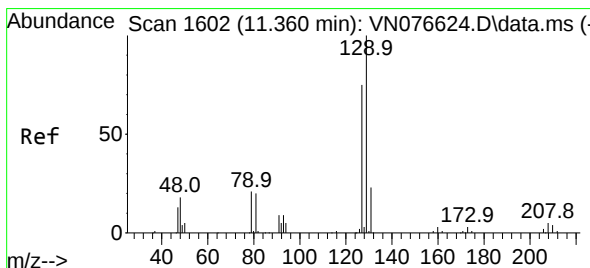
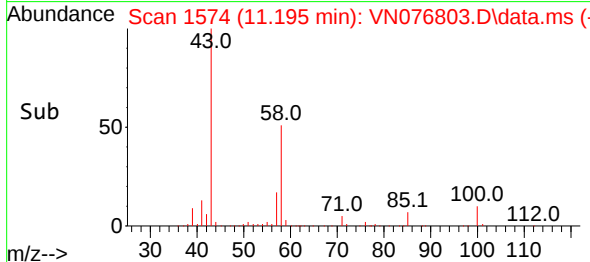
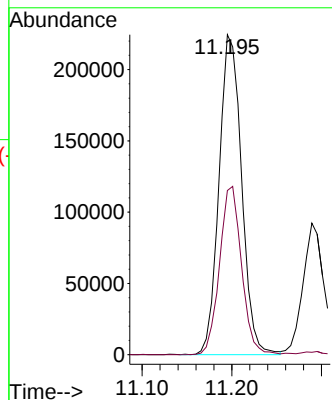
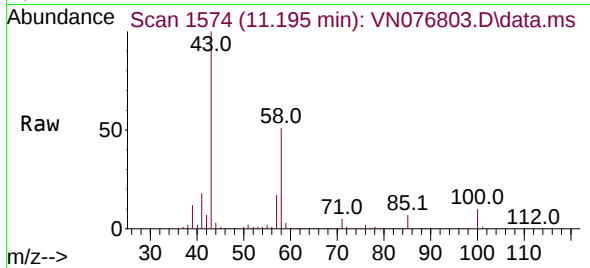
#59
2-Hexanone
Concen: 111.907 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 43 Resp: 392018
Ion Ratio Lower Upper
43 100
58 51.3 25.4 76.0

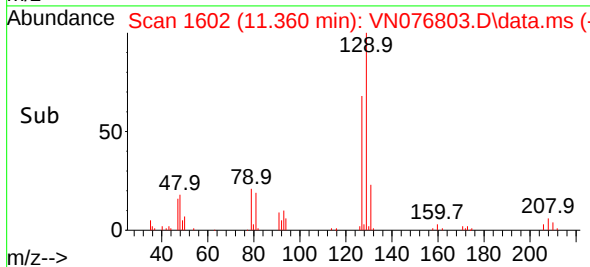
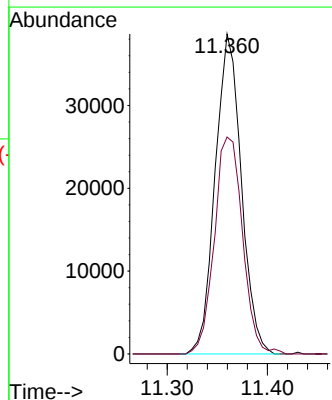
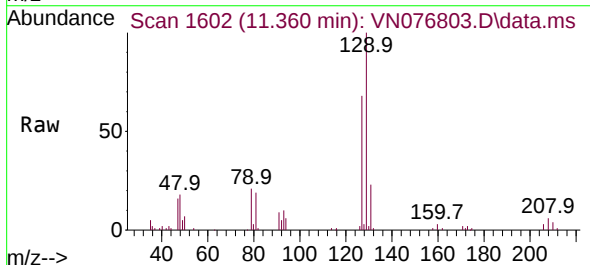
Manual Integrations
APPROVED

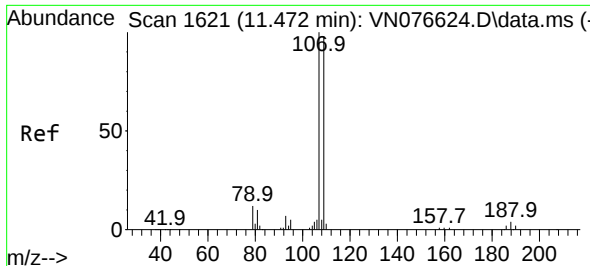
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#60
Dibromochloromethane
Concen: 19.686 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion:129 Resp: 69764
Ion Ratio Lower Upper
129 100
127 73.2 38.8 116.4





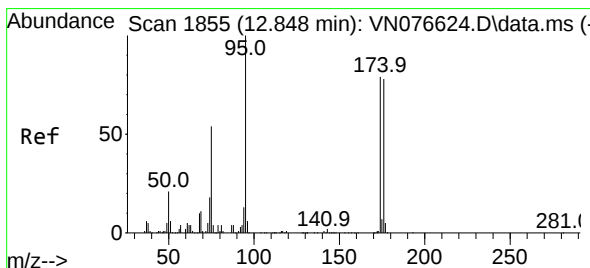
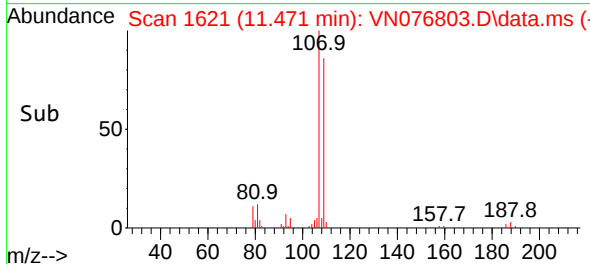
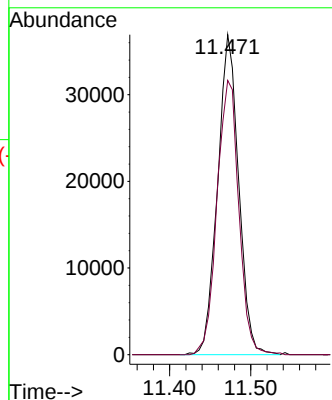
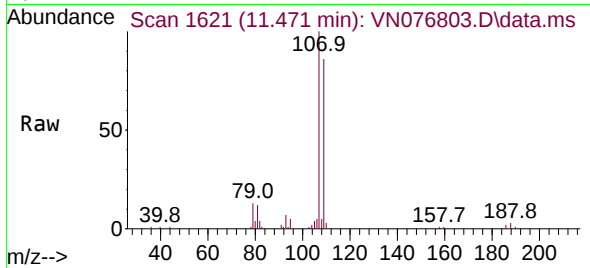
#61
1,2-Dibromoethane
Concen: 19.817 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:107 Resp: 66698
Ion Ratio Lower Upper
107 100
109 88.8 76.8 115.2

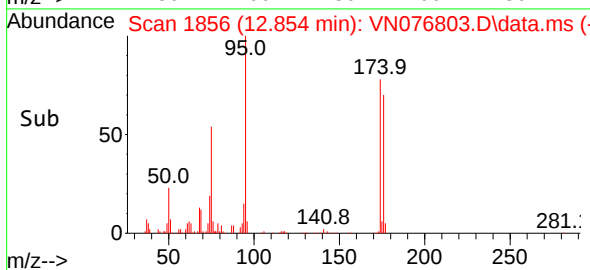
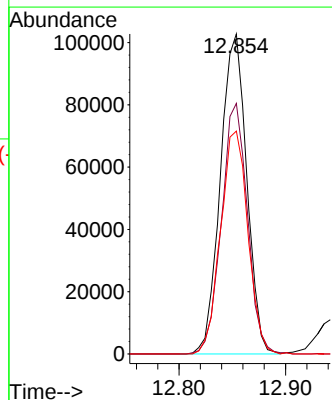
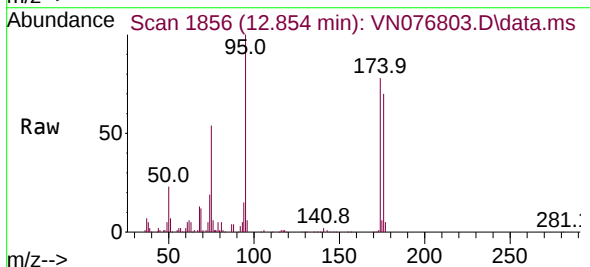
Manual Integrations
APPROVED

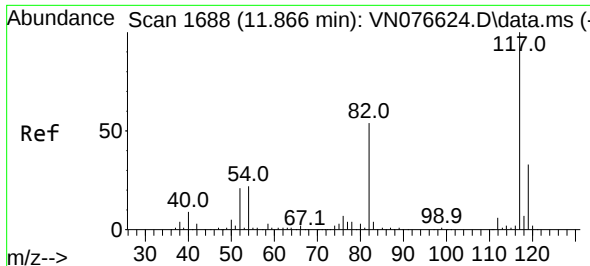
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#62
4-Bromofluorobenzene
Concen: 46.168 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

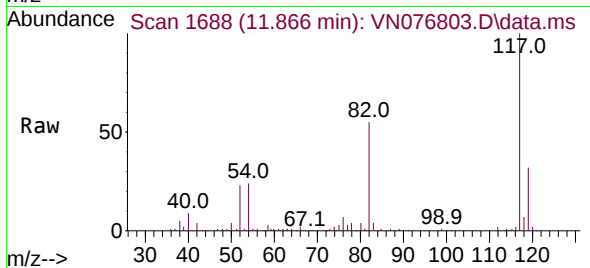
Tgt Ion: 95 Resp: 176278
Ion Ratio Lower Upper
95 100
174 77.1 0.0 169.2
176 72.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

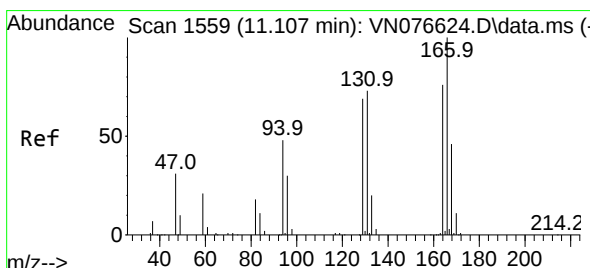
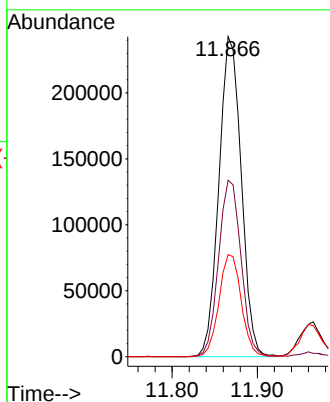
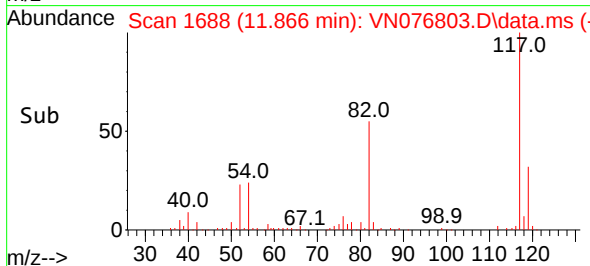
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



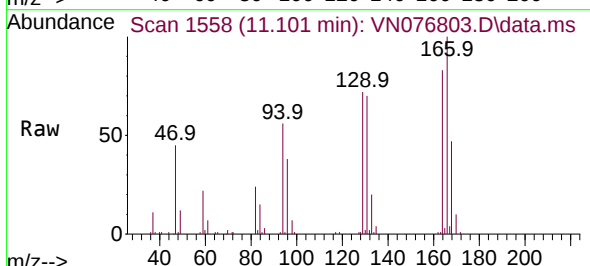
Tgt Ion:117 Resp: 44126
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.2
119 31.9 26.1 39.1

Manual Integrations
APPROVED

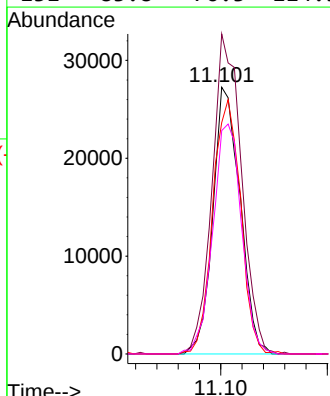
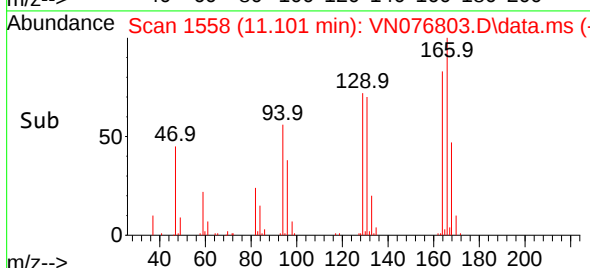
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

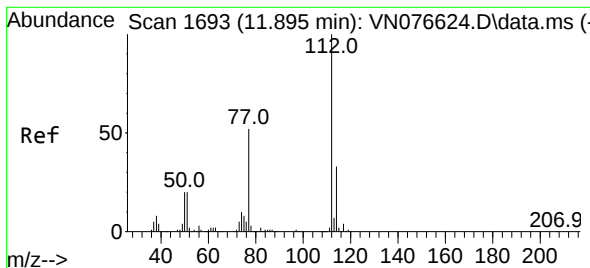


#64
Tetrachloroethene
Concen: 17.311 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



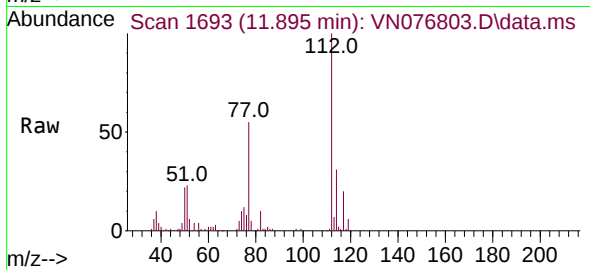
Tgt Ion:164 Resp: 48139
Ion Ratio Lower Upper
164 100
166 120.0 104.8 157.2
129 86.8 72.2 108.2
131 83.8 76.3 114.5





#65
Chlorobenzene
Concen: 18.968 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

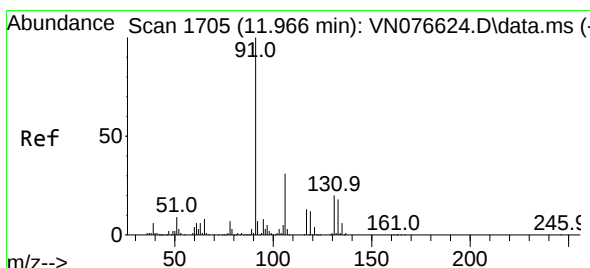
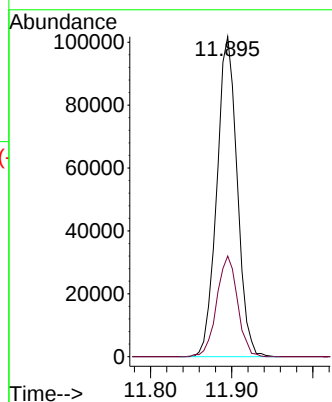
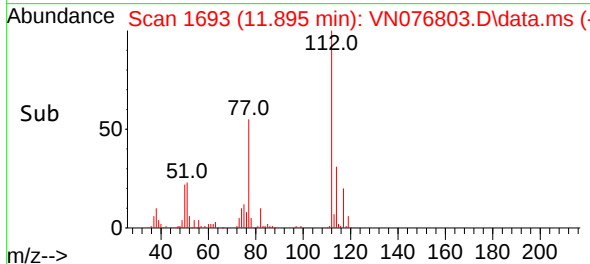
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



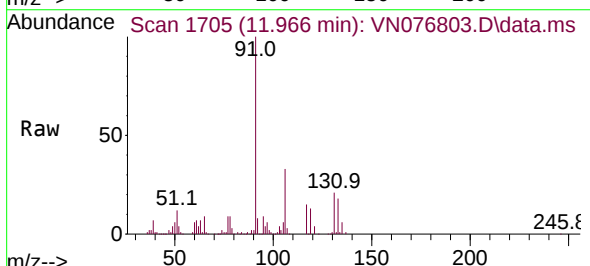
Tgt Ion:112 Resp: 177380
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6

Manual Integrations
APPROVED

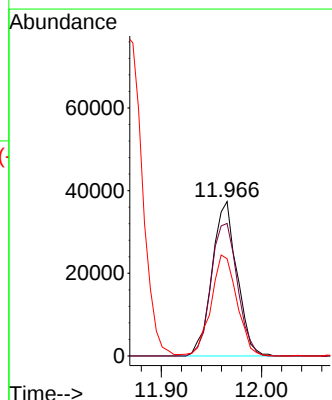
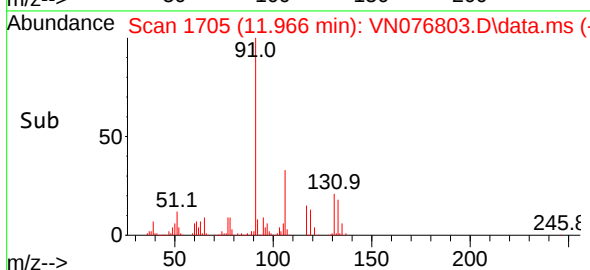
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

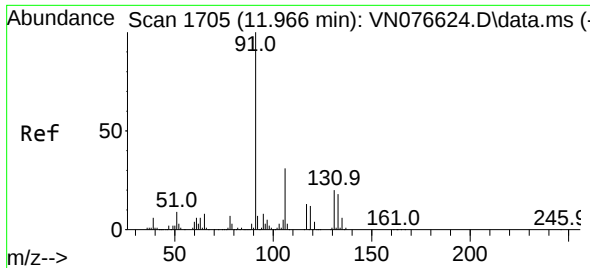


#66
1,1,1,2-Tetrachloroethane
Concen: 19.019 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



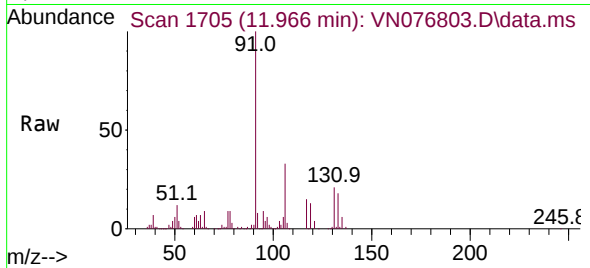
Tgt Ion:131 Resp: 64604
Ion Ratio Lower Upper
131 100
133 90.9 47.0 141.0
119 68.0 32.3 96.8





#67
Ethyl Benzene
Concen: 19.830 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

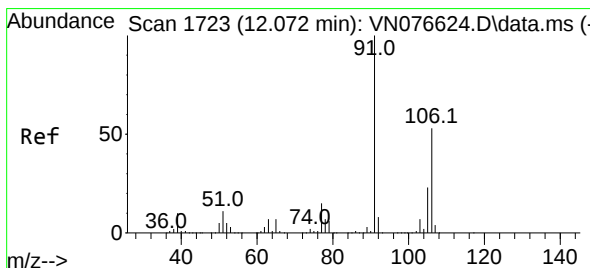
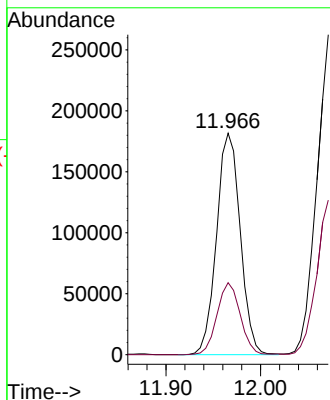
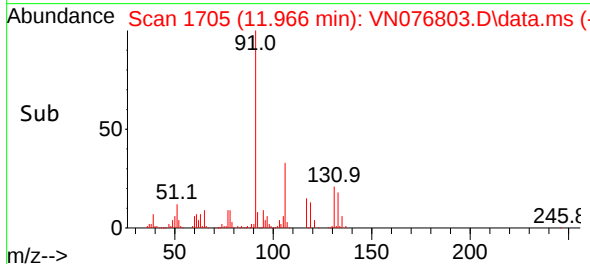
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 91 Resp: 315939
Ion Ratio Lower Upper
91 100
106 32.5 25.1 37.7

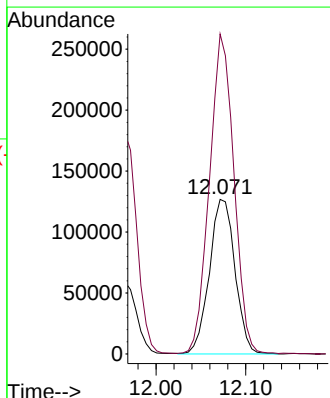
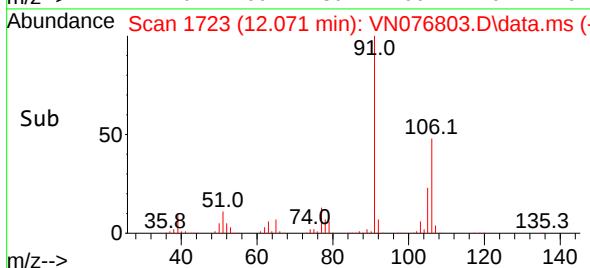
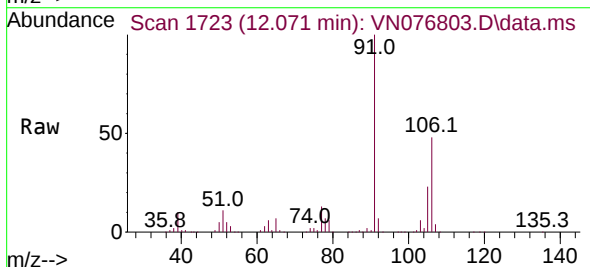
Manual Integrations
APPROVED

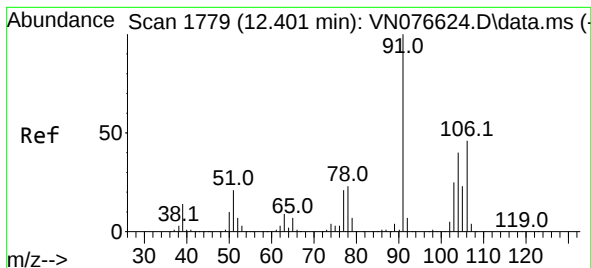
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#68
m/p-Xylenes
Concen: 40.937 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion:106 Resp: 251398
Ion Ratio Lower Upper
106 100
91 198.7 154.7 232.1





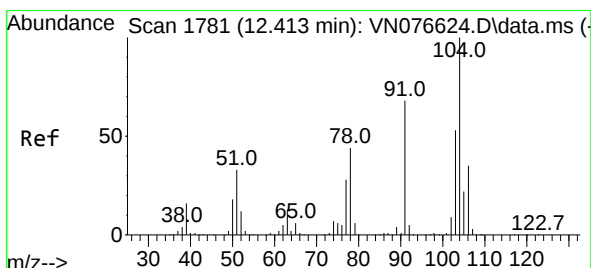
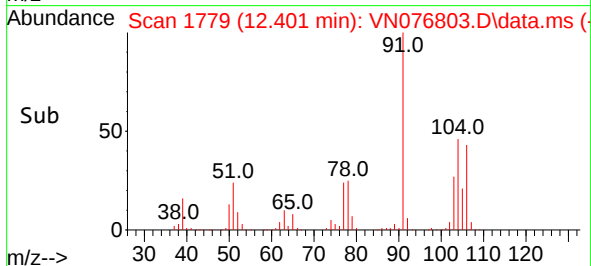
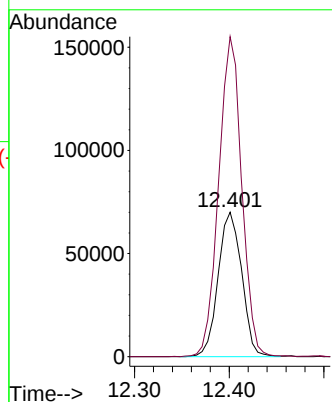
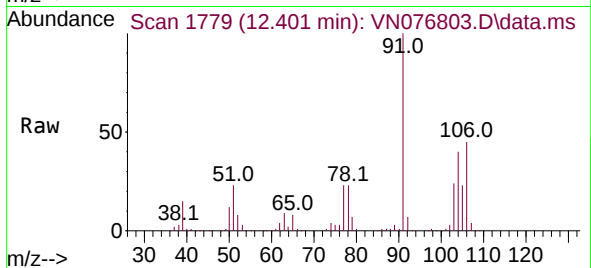
#69
o-Xylene
Concen: 20.250 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:106 Resp: 12128
Ion Ratio Lower Upper
106 100
91 217.1 105.8 317.4

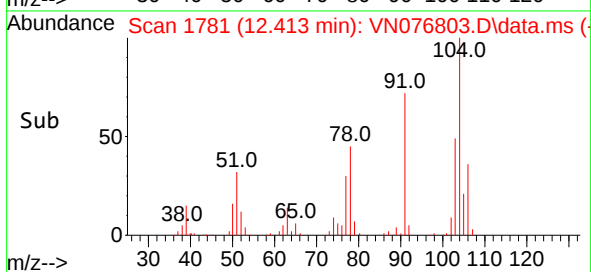
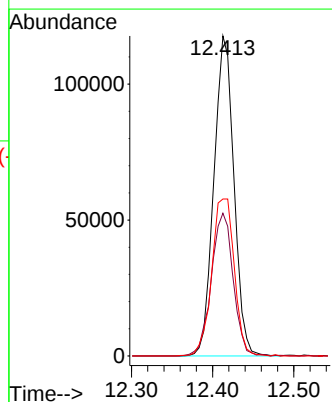
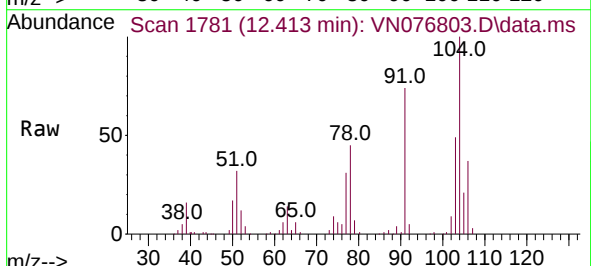
Manual Integrations
APPROVED

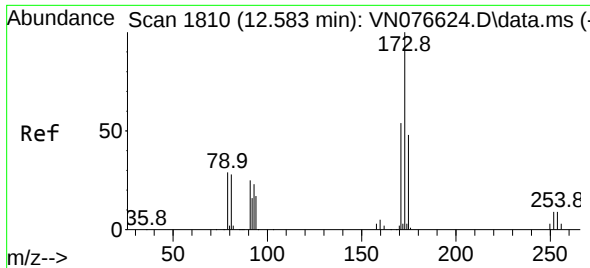
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#70
Styrene
Concen: 20.880 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

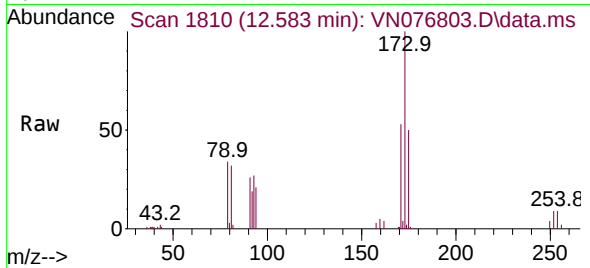
Tgt Ion:104 Resp: 202225
Ion Ratio Lower Upper
104 100
78 48.6 38.2 57.4
103 55.3 44.2 66.4





#71
Bromoform
Concen: 18.676 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

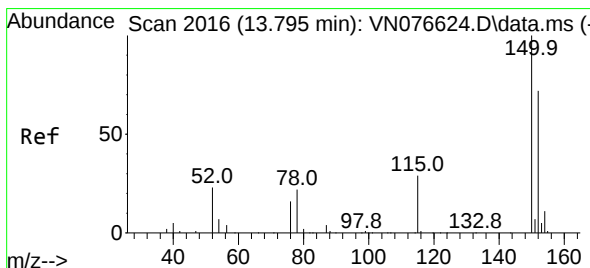
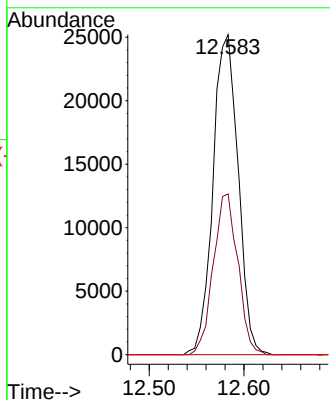
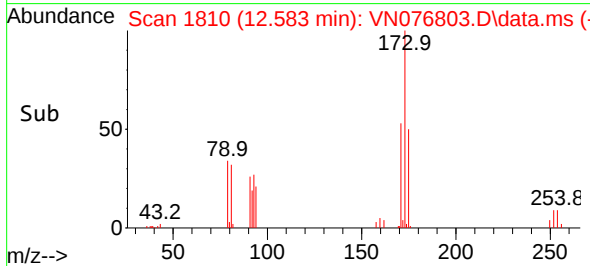
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



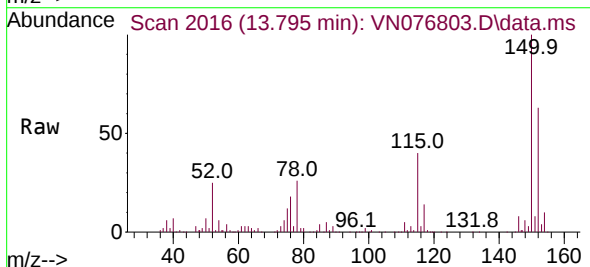
Tgt Ion:173 Resp: 4653
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

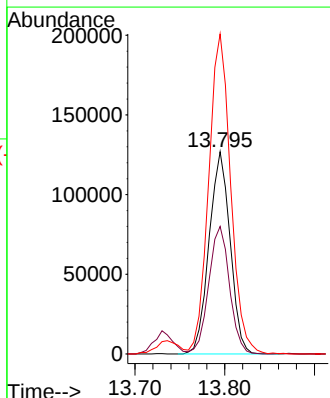
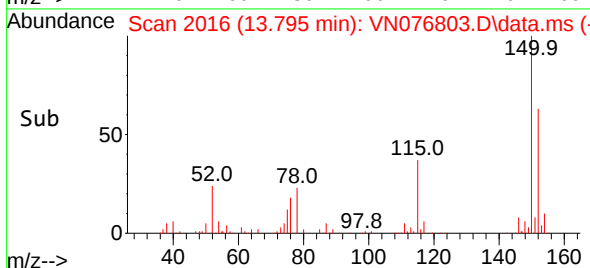
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

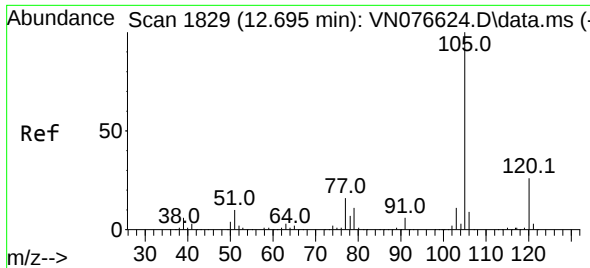


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion:152 Resp: 206618
Ion Ratio Lower Upper
152 100
115 62.2 29.3 87.9
150 164.9 0.0 349.8





#73
Isopropylbenzene
Concen: 20.718 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

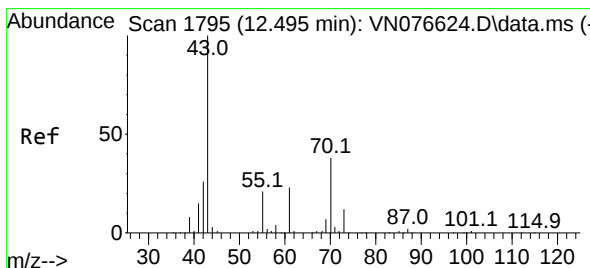
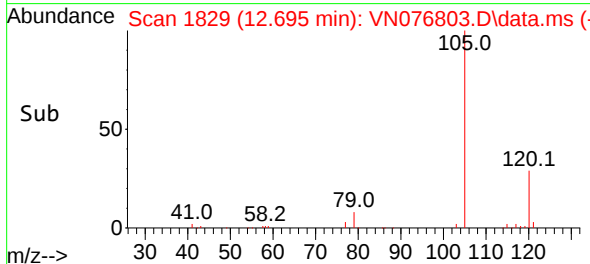
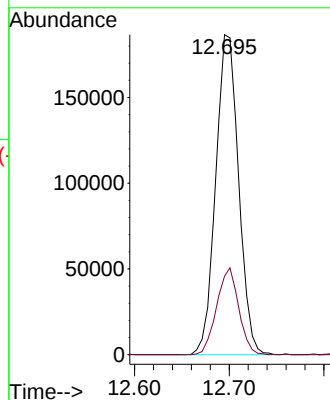
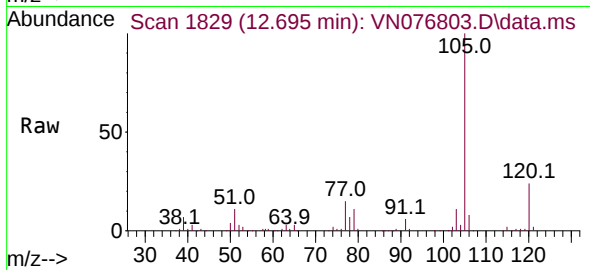
VN0224WBSD01

Tgt Ion:105 Resp: 31375
Ion Ratio Lower Upper
105 100
120 26.1 13.7 41.0

Manual Integrations

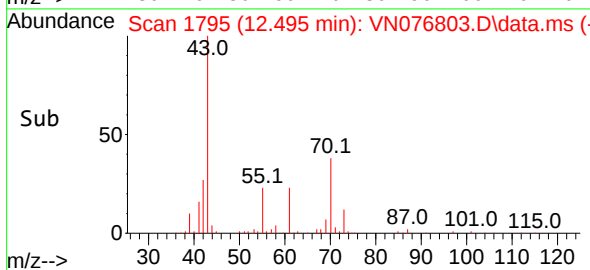
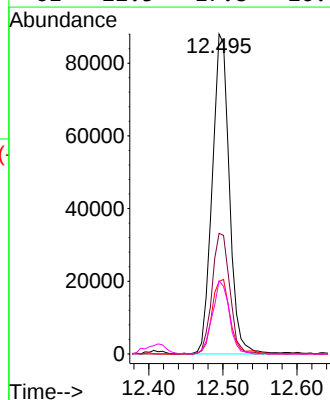
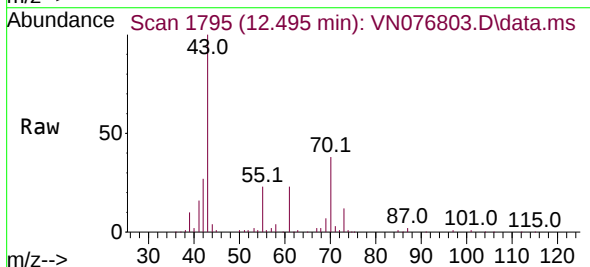
APPROVED

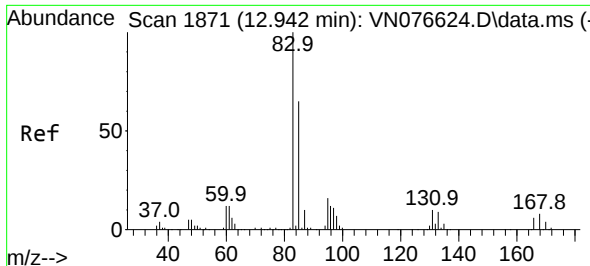
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#74
N-ethyl acetate
Concen: 20.695 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

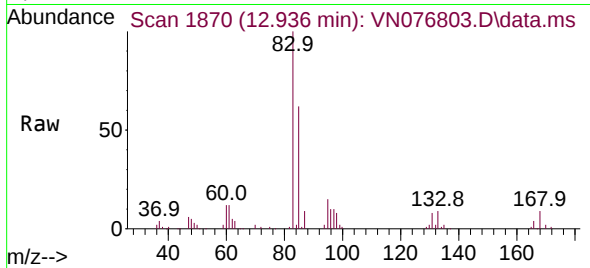
Tgt Ion: 43 Resp: 141268
Ion Ratio Lower Upper
43 100
70 38.8 30.5 45.7
55 24.7 17.8 26.8
61 22.5 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 19.561 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

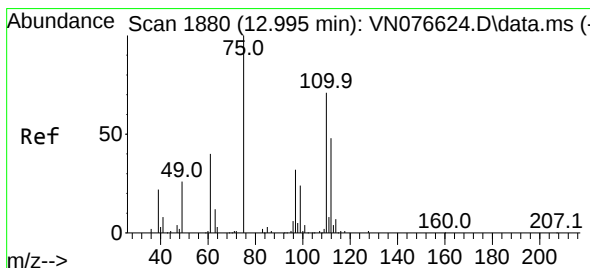
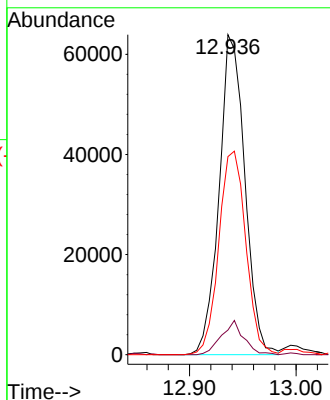
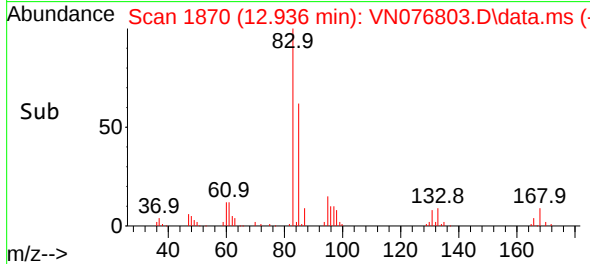
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 83 Resp: 10723
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 66.6 31.8 95.3

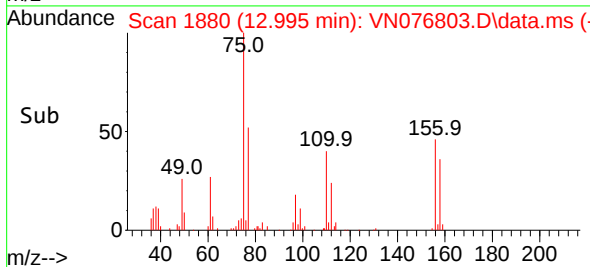
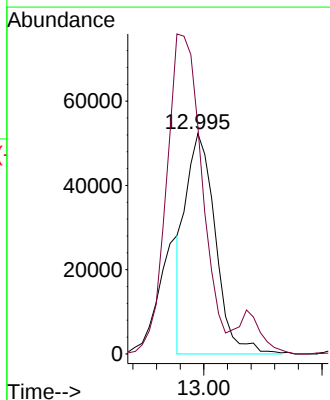
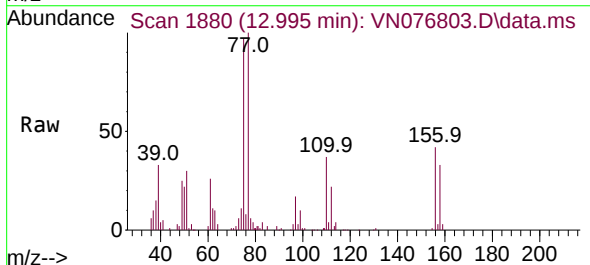
Manual Integrations
APPROVED

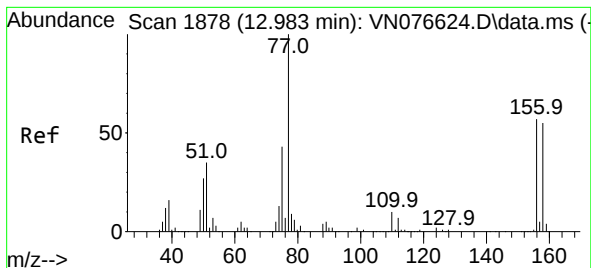
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#76
1,2,3-Trichloropropane
Concen: 21.901 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion: 75 Resp: 91486
Ion Ratio Lower Upper
75 100
77 172.3 93.1 279.3





#77

Bromobenzene

Concen: 19.102 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

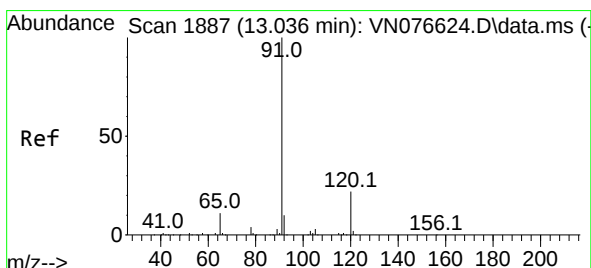
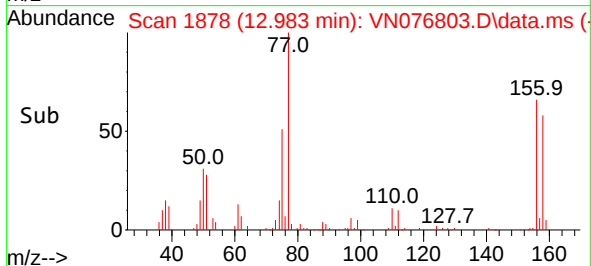
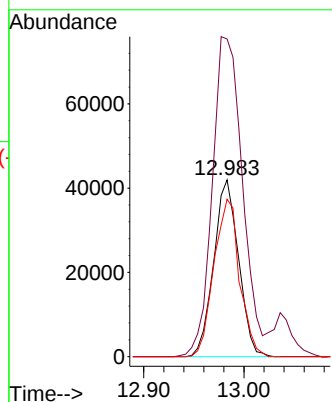
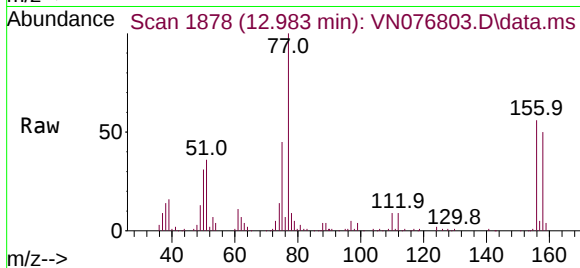
Tgt Ion:	156	Resp:	72170
Ion Ratio	Lower	Upper	
156	100		
77	218.4	102.8	308.4
158	91.9	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#78

n-propylbenzene

Concen: 20.973 ug/l

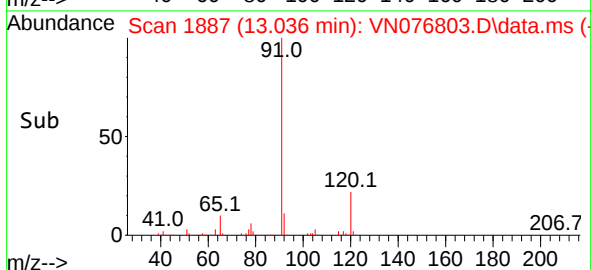
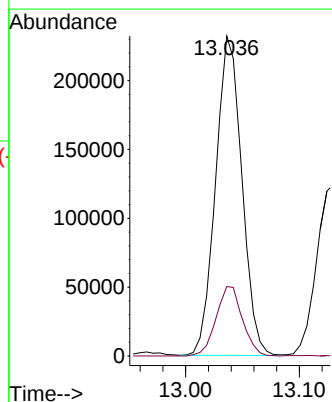
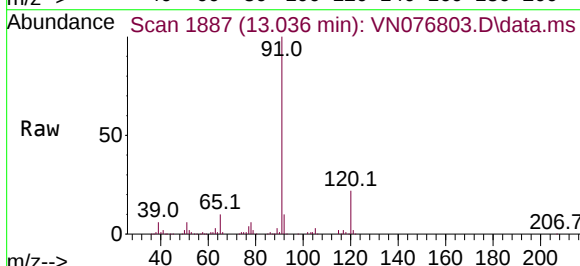
RT: 13.036 min Scan# 1887

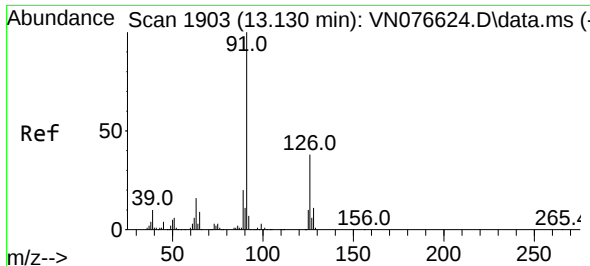
Delta R.T. 0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Tgt Ion:	91	Resp:	372967
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.5





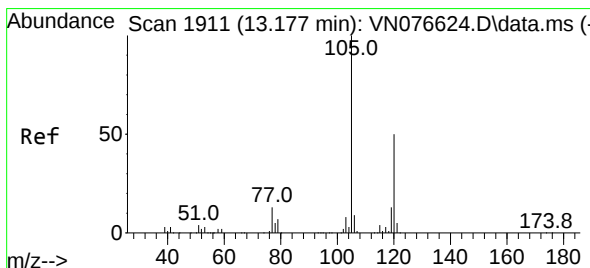
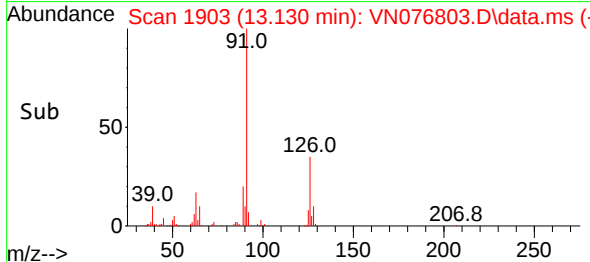
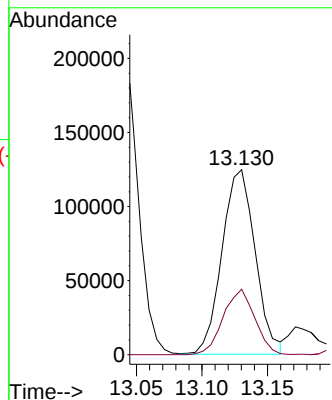
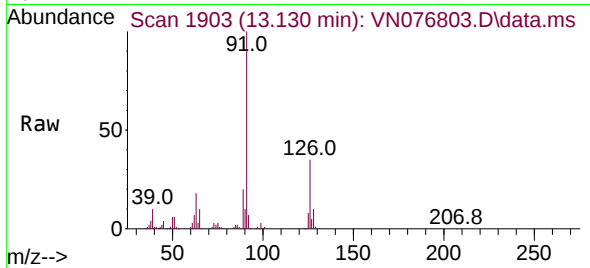
#79
2-Chlorotoluene
Concen: 20.156 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion: 91 Resp: 219472
Ion Ratio Lower Upper
91 100
126 33.7 17.7 53.1

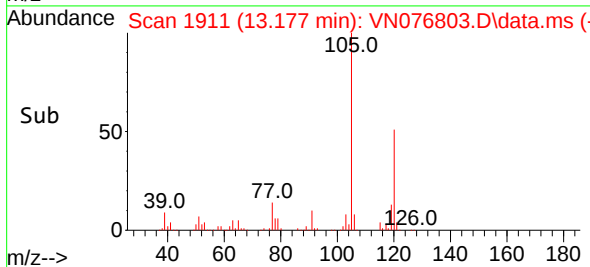
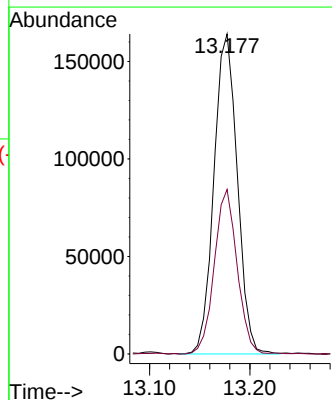
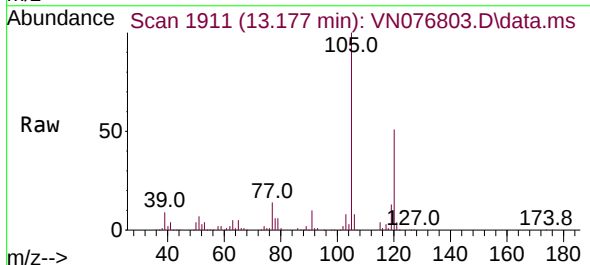
Manual Integrations
APPROVED

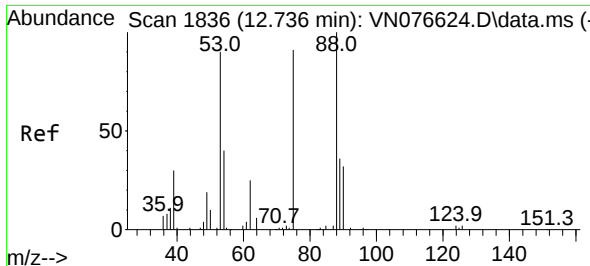
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.186 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

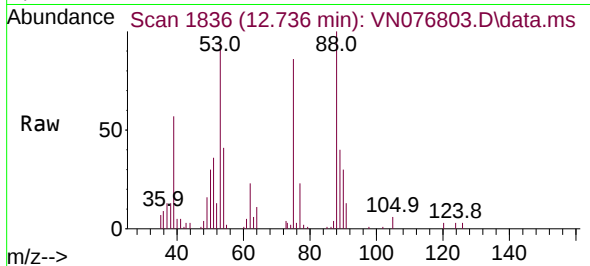
Tgt Ion:105 Resp: 265160
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 23.513 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

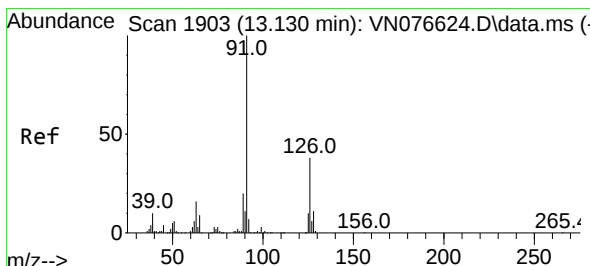
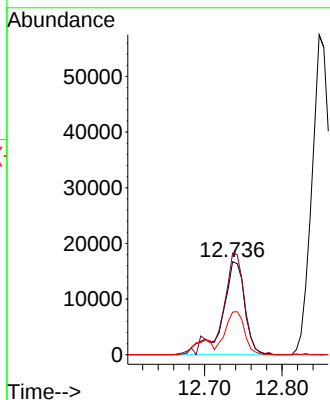
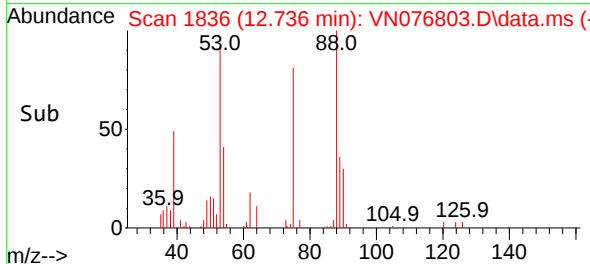
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



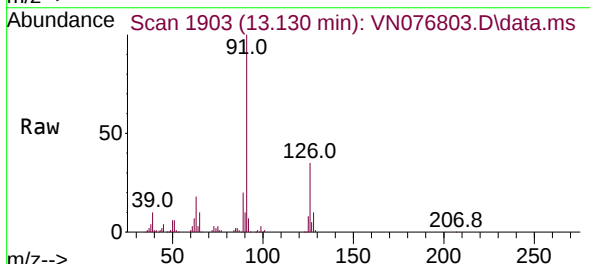
Tgt Ion: 75 Resp: 3372
Ion Ratio Lower Upper
75 100
53 91.9 92.1 138.1
89 39.6 37.5 56.3

Manual Integrations
APPROVED

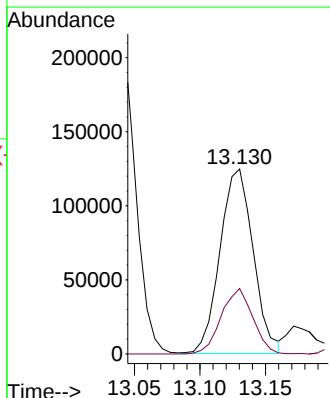
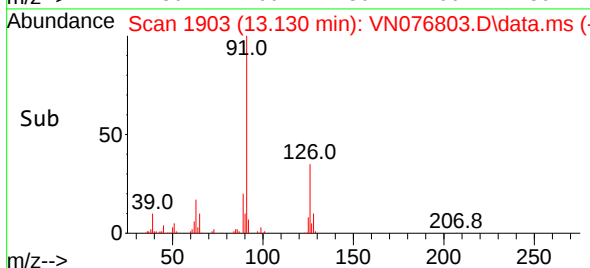
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

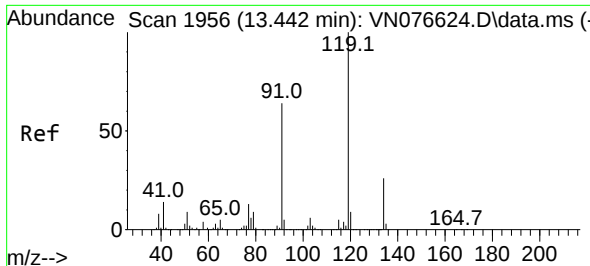


#82
4-Chlorotoluene
Concen: 20.156 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion: 91 Resp: 219472
Ion Ratio Lower Upper
91 100
126 33.7 17.7 53.1





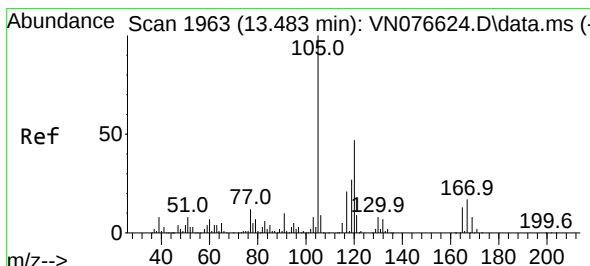
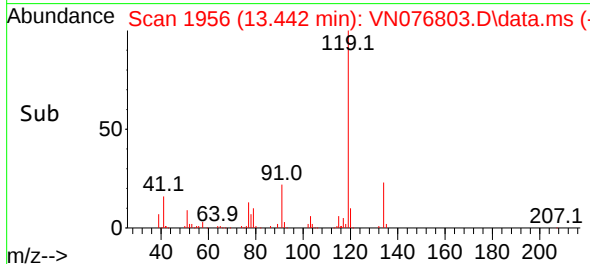
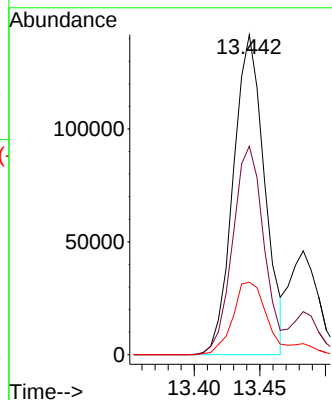
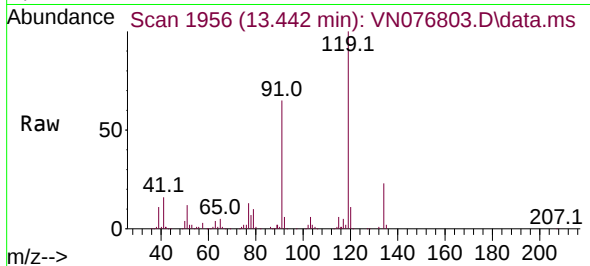
#83
tert-Butylbenzene
Concen: 20.817 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument : MSVOA_N
ClientSampleId : VN0224WBSD01

Tgt Ion:119 Resp: 235699
Ion Ratio Lower Upper
119 100
91 66.6 32.0 96.2
134 26.8 13.8 41.4

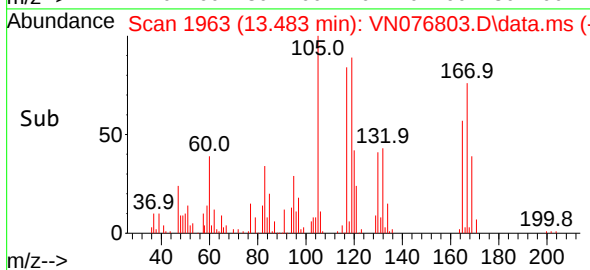
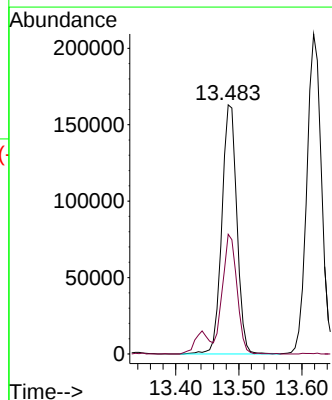
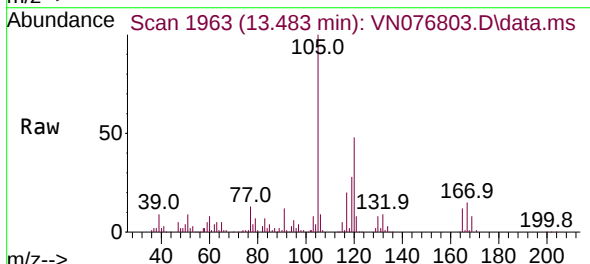
Manual Integrations
APPROVED

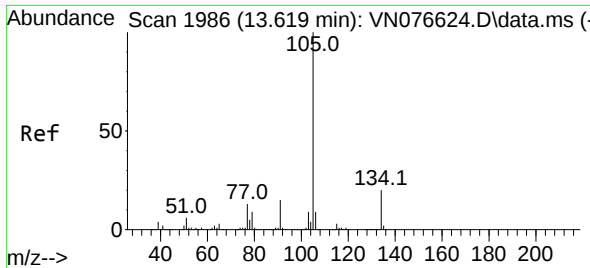
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.634 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion:105 Resp: 269855
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





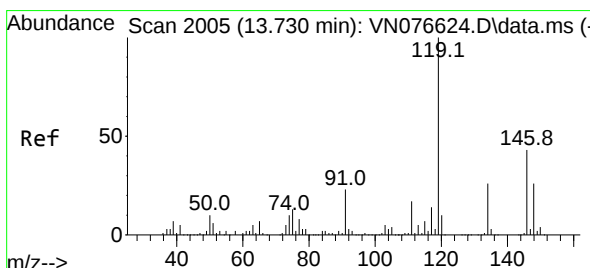
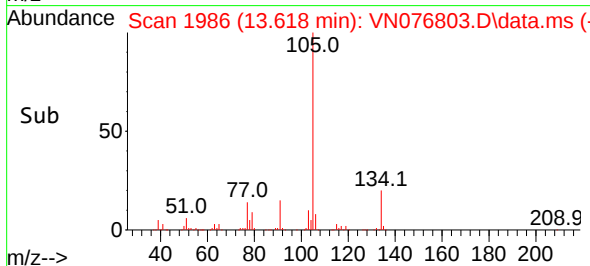
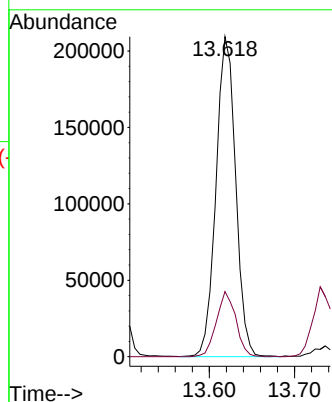
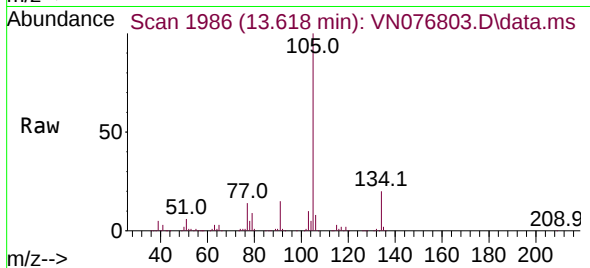
#85
 sec-Butylbenzene
 Concen: 21.250 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076803.D
 Acq: 24 Feb 2023 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0224WBSD01

Tgt Ion:105 Resp: 335920
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.5 31.5

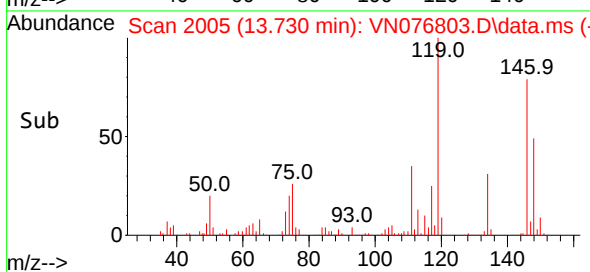
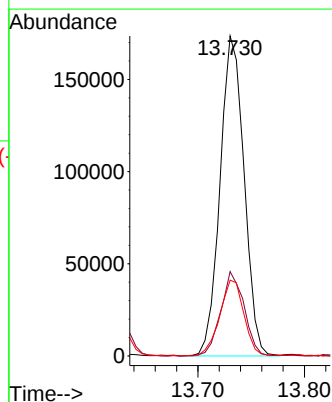
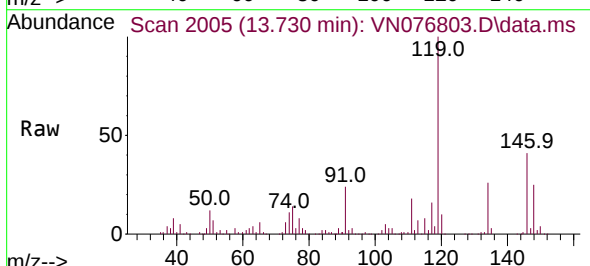
Manual Integrations
 APPROVED

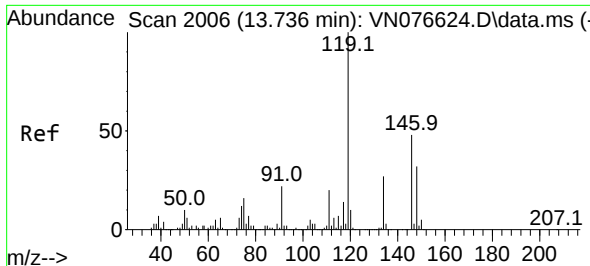
Reviewed By :John Carlone 02/27/2023
 Supervised By :Mahesh Dadoda 02/27/2023



#86
 p-Isopropyltoluene
 Concen: 21.548 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076803.D
 Acq: 24 Feb 2023 12:38

Tgt Ion:119 Resp: 271999
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.4 40.1
 91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.652 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0224WBSD01

Tgt Ion:146 Resp: 14036

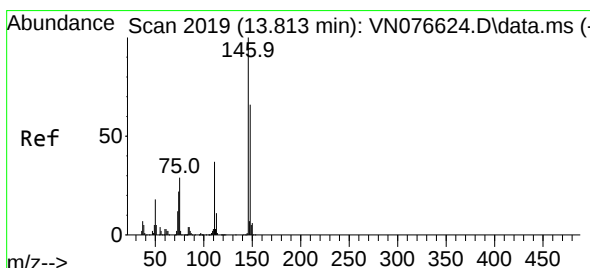
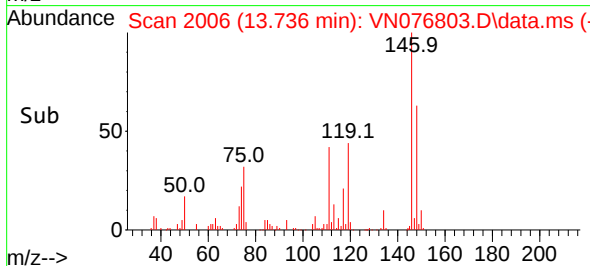
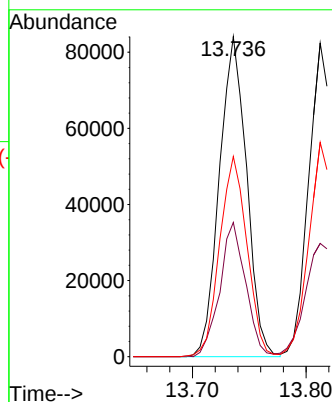
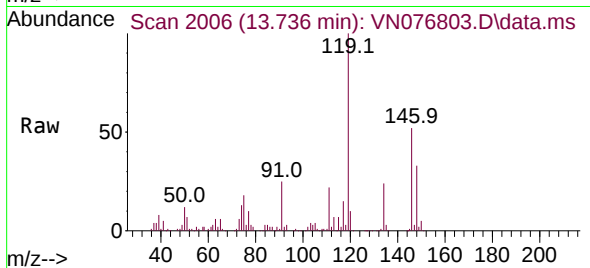
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	62.7	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2023

Supervised By :Mahesh Dadoda 02/27/2023



#88

1,4-Dichlorobenzene

Concen: 19.188 ug/l

RT: 13.813 min Scan# 2019

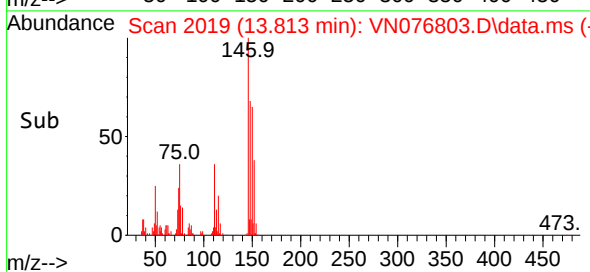
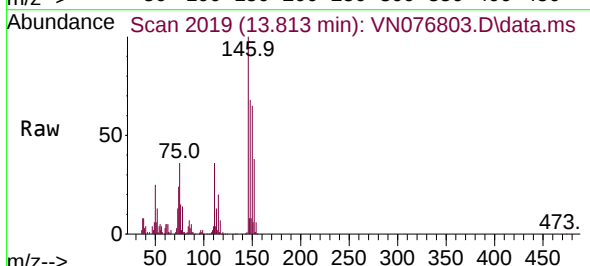
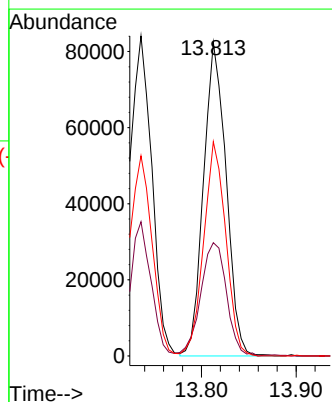
Delta R.T. -0.001 min

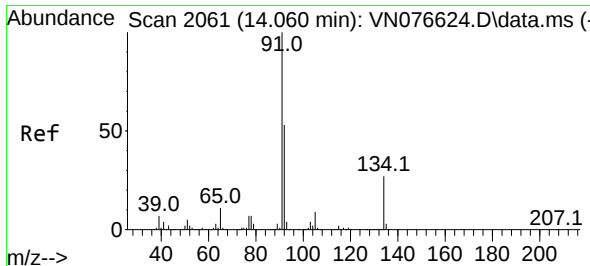
Lab File: VN076803.D

Acq: 24 Feb 2023 12:38

Tgt Ion:146 Resp: 136479

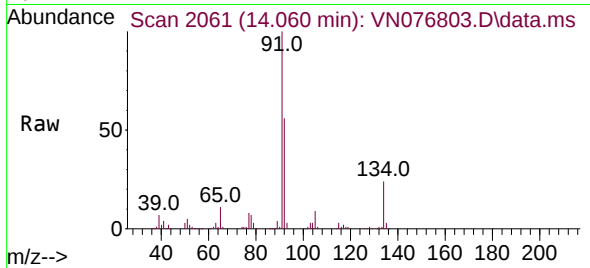
Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.4	58.1
148	66.8	32.7	98.1





#89
n-Butylbenzene
Concen: 20.965 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

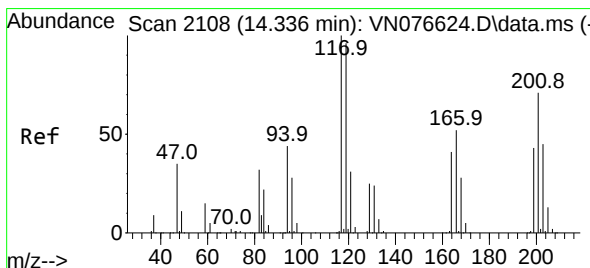
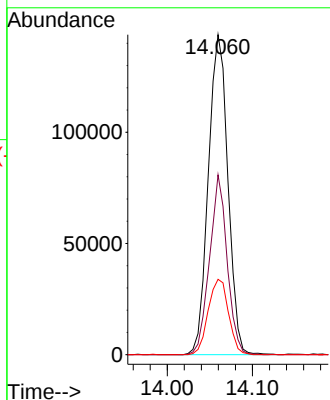
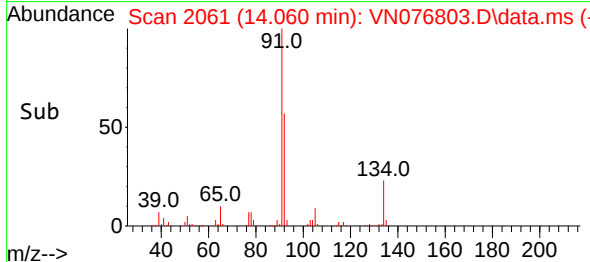
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



Tgt Ion: 91 Resp: 230169
Ion Ratio Lower Upper
91 100
92 50.6 26.4 79.0
134 24.4 13.2 39.5

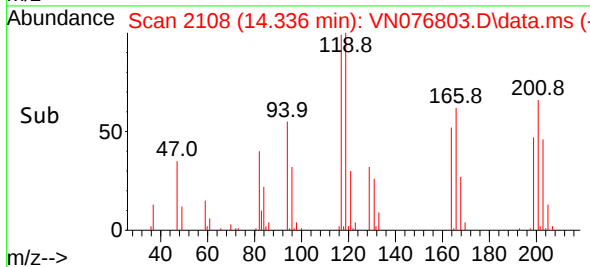
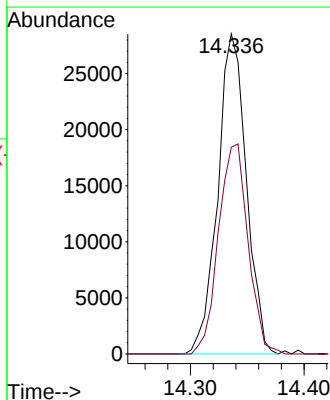
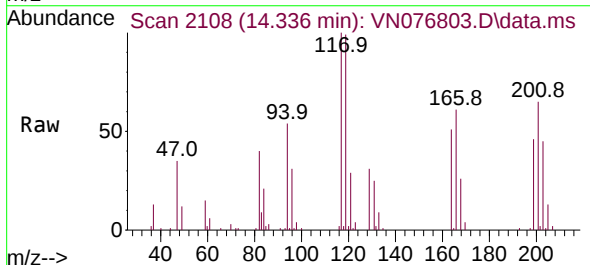
Manual Integrations
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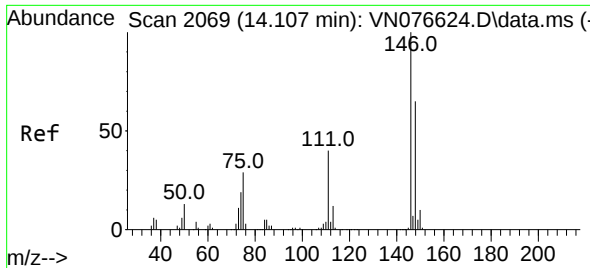
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#90
Hexachloroethane
Concen: 18.910 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Tgt Ion:117 Resp: 49978
Ion Ratio Lower Upper
117 100
201 67.8 35.5 106.7





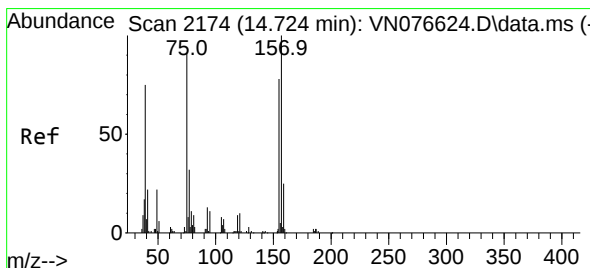
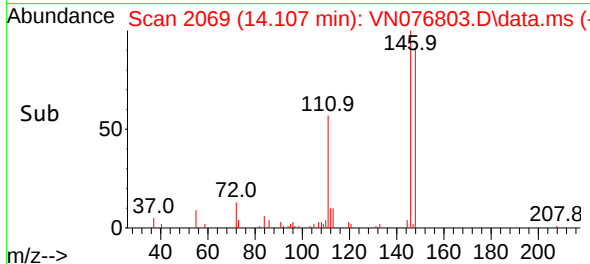
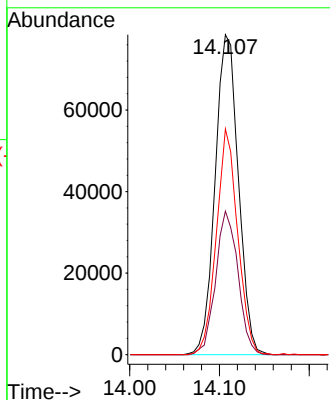
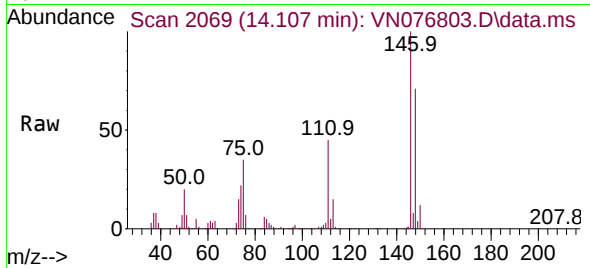
#91
1,2-Dichlorobenzene
Concen: 19.293 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01

Tgt Ion:146 Resp: 14127
Ion Ratio Lower Upper
146 100
111 43.1 20.0 59.9
148 64.7 32.4 97.2

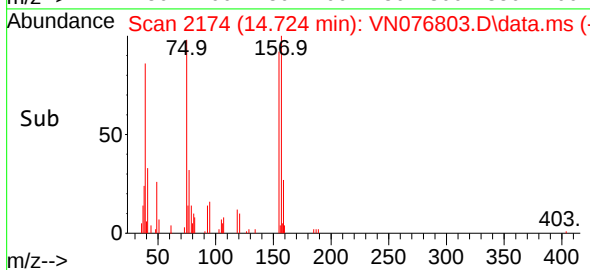
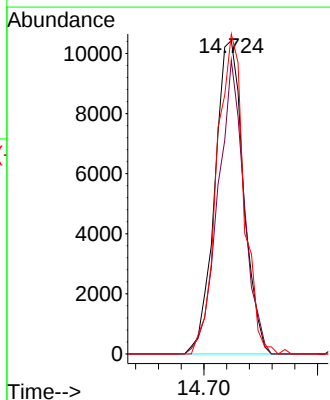
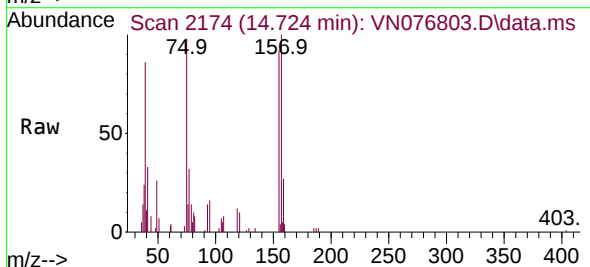
Manual Integrations
APPROVED

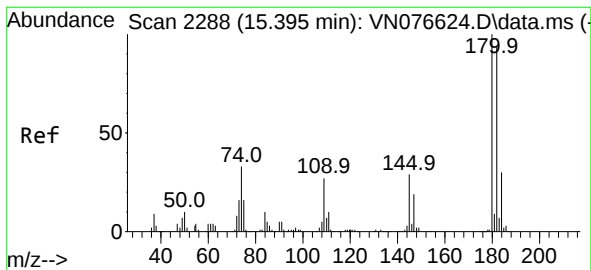
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.197 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

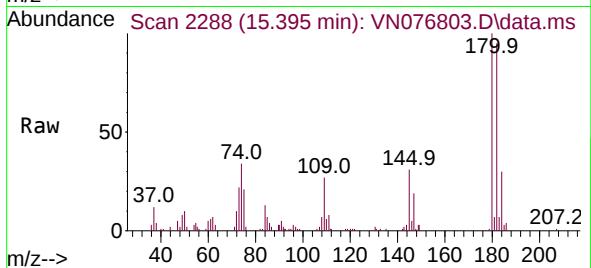
Tgt Ion: 75 Resp: 18264
Ion Ratio Lower Upper
75 100
155 84.9 43.4 130.2
157 96.8 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 18.406 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

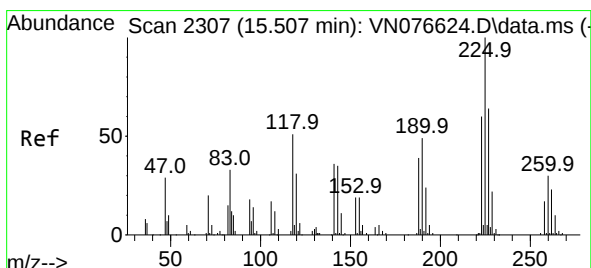
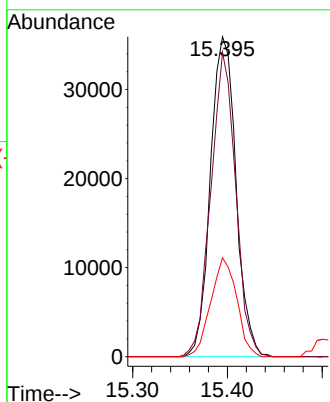
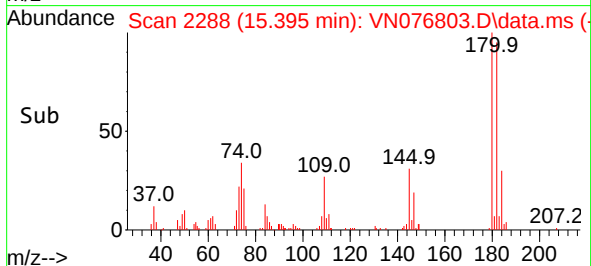
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



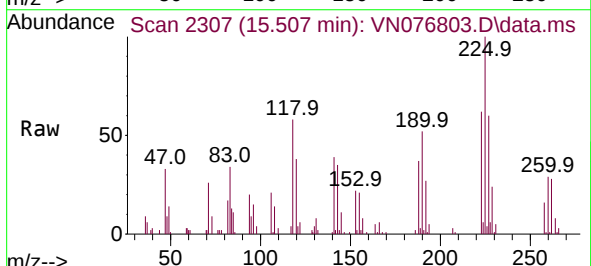
Tgt Ion:180 Resp: 67230
Ion Ratio Lower Upper
180 100
182 92.6 48.0 144.0
145 31.4 15.2 45.6

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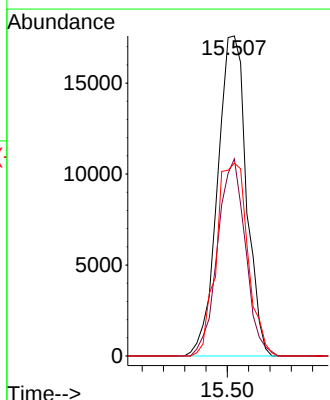
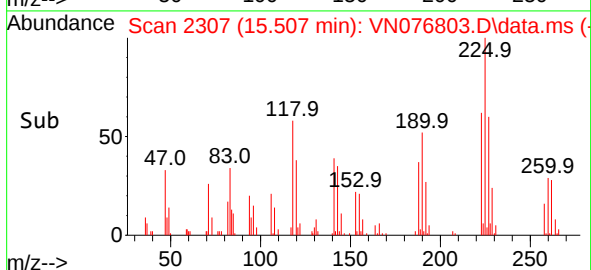
Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023

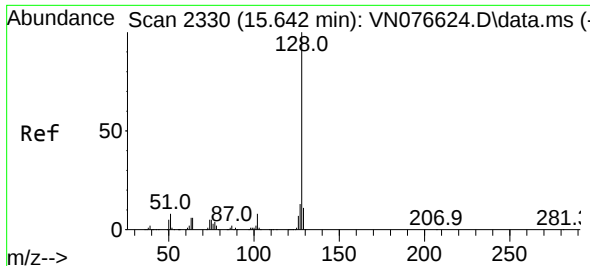


#94
Hexachlorobutadiene
Concen: 18.481 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



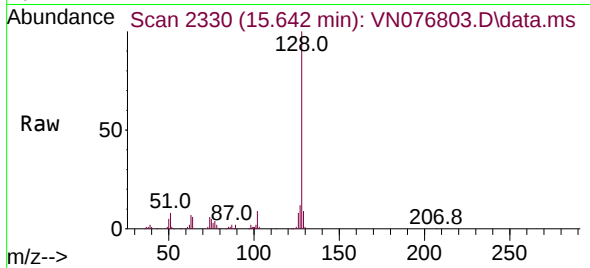
Tgt Ion:225 Resp: 33085
Ion Ratio Lower Upper
225 100
223 59.2 31.6 95.0
227 65.6 31.3 93.9





#95
Naphthalene
Concen: 19.687 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38

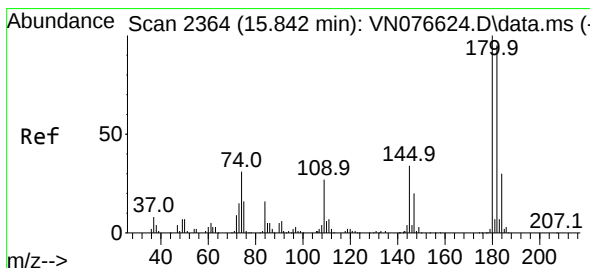
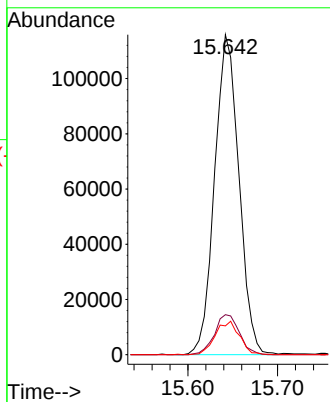
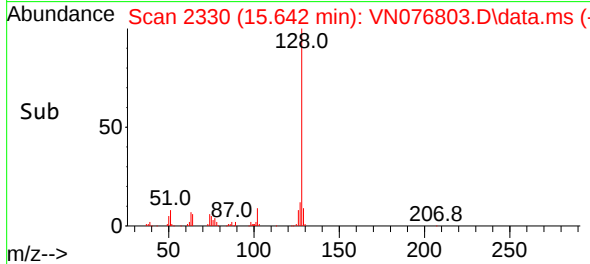
Instrument :
MSVOA_N
ClientSampleId :
VN0224WBSD01



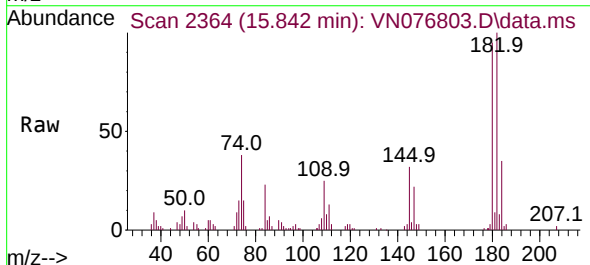
Tgt Ion:128 Resp: 21820
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2023
Supervised By :Mahesh Dadoda 02/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.818 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076803.D
Acq: 24 Feb 2023 12:38



Tgt Ion:180 Resp: 66592
Ion Ratio Lower Upper
180 100
182 97.2 46.7 140.1
145 32.3 16.0 47.9

