

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061323\
 Data File : VN078181.D
 Acq On : 13 Jun 2023 13:12
 Operator : JC\MD
 Sample : 03170-03
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 14 02:18:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	541142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	988391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	911573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	401867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	370042	51.287	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.580%	
35) Dibromofluoromethane	8.171	113	326355	52.221	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.440%	
50) Toluene-d8	10.571	98	1128459	46.839	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.680%	
62) 4-Bromofluorobenzene	12.853	95	446211	59.577	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.160%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	874	Below Cal	#	85
5) Bromomethane	2.965	94	1219	0.201	ug/l #	4
10) Methyl Iodide	4.571	142	1796	0.222	ug/l #	79
11) Tert butyl alcohol	5.547	59	1785	1.792	ug/l #	72
13) Acrolein	4.189	56	407	0.371	ug/l	88
16) Acetone	4.442	43	5434106	2616.620	ug/l	98
18) Methyl Acetate	5.047	43	4754	0.497	ug/l #	74
20) Methylene Chloride	5.283	84	1497	0.218	ug/l #	83
25) 2-Butanone	7.494	43	5197	1.627	ug/l #	61
29) Tetrahydrofuran	7.841	42	713	0.334	ug/l #	53
31) Cyclohexane	8.224	56	84444	9.124	ug/l #	59
36) 1,1-Dichloropropene	8.224	75	45949	5.126	ug/l #	50
38) Carbon Tetrachloride	8.230	117	59380	6.273	ug/l #	16
39) Methylcyclohexane	9.600	83	17649	1.900	ug/l #	87
43) Isopropyl Acetate	8.700	43	30369	2.268	ug/l #	49
46) Dibromomethane	9.947	93	1196	0.244	ug/l #	9
48) Methyl methacrylate	9.688	41	3376	0.601	ug/l	91
49) 1,4-Dioxane	9.712	88	125	1.058	ug/l #	1
51) 4-Methyl-2-Pentanone	10.459	43	5814	0.824	ug/l #	84
52) Toluene	10.635	92	4283166	253.493	ug/l	97
53) t-1,3-Dichloropropene	10.635	75	52637	5.548	ug/l #	1
55) 1,1,2-Trichloroethane	11.012	97	9130	1.428	ug/l #	25
59) 2-Hexanone	11.182	43	11890	2.421	ug/l #	19
67) Ethyl Benzene	11.970	91	144640	4.294	ug/l	100
68) m/p-Xylenes	12.070	106	195953	15.264	ug/l	96
69) o-Xylene	12.406	106	82484	6.543	ug/l	90
70) Styrene	12.400	104	6554	0.330	ug/l #	1
73) Isopropylbenzene	12.700	105	44286	1.165	ug/l	98
74) N-amyl acetate	12.488	43	20849	1.666	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.941	83	1297	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	238997	25.157	ug/l #	1
78) n-propylbenzene	13.041	91	162085	3.926	ug/l	98
79) 2-Chlorotoluene	13.100	91	45934	1.724	ug/l #	42
80) 1,3,5-Trimethylbenzene	13.176	105	161040	5.234	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.853	75	238997	77.290	ug/l #	15
82) 4-Chlorotoluene	13.176	91	15736	0.633	ug/l #	43

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

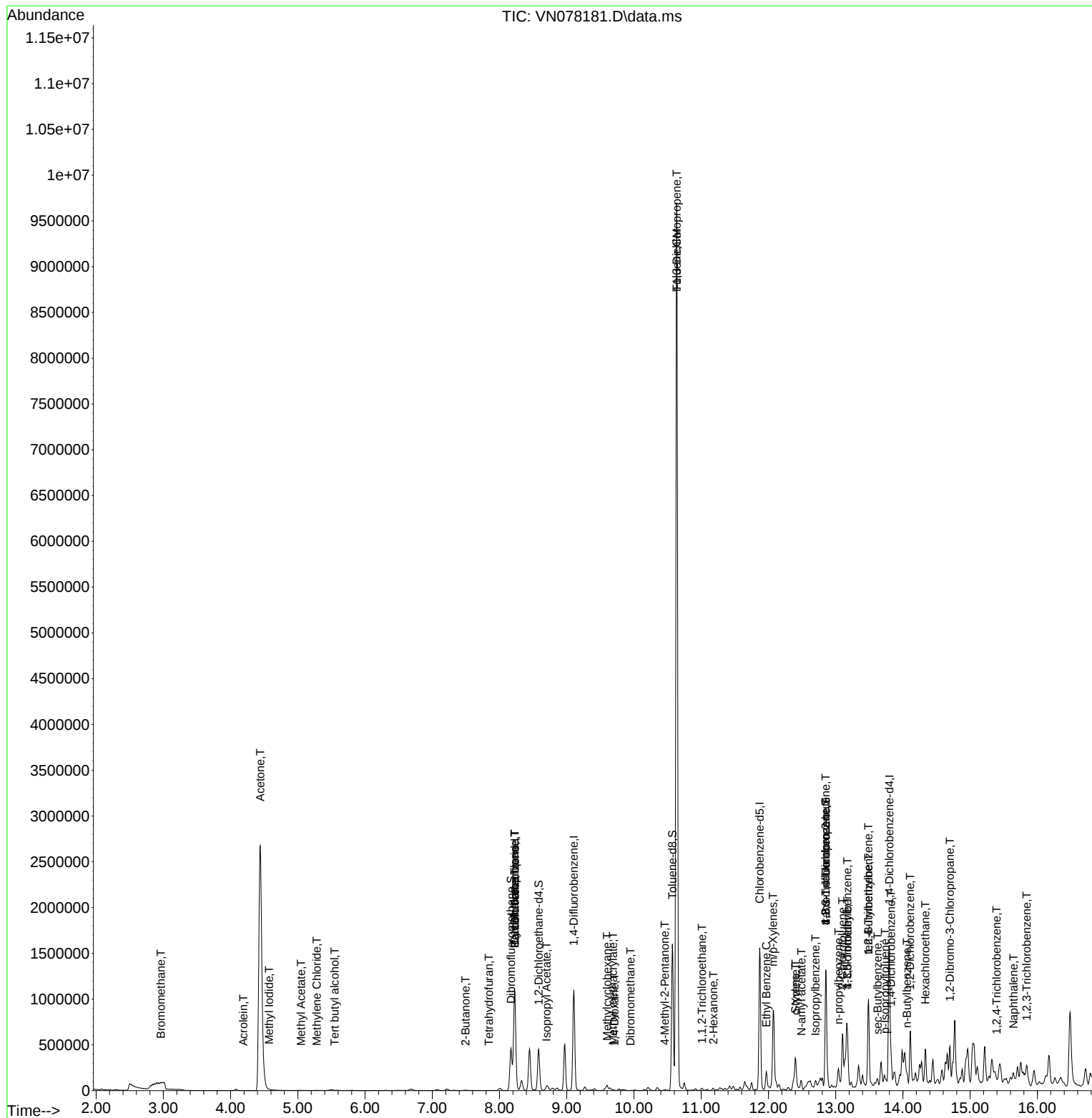
83) tert-Butylbenzene	13.488	119	70654	2.642	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.488	105	560788	18.800	ug/l	98
85) sec-Butylbenzene	13.623	105	52676	1.505	ug/l	79
86) p-Isopropyltoluene	13.735	119	30436	1.071	ug/l	98
88) 1,4-Dichlorobenzene	13.823	146	4017	0.279	ug/l #	25
89) n-Butylbenzene	14.059	91	80279	3.583	ug/l #	83
90) Hexachloroethane	14.335	117	23384	4.639	ug/l #	22
91) 1,2-Dichlorobenzene	14.106	146	2979	0.204	ug/l #	49
92) 1,2-Dibromo-3-Chloropr...	14.700	75	2176	1.156	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.394	180	4442	0.855	ug/l #	1
94) Hexachlorobutadiene	15.506	225	2019	Below Cal		94
95) Naphthalene	15.647	128	93403	5.344	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.841	180	8250	1.420	ug/l #	1

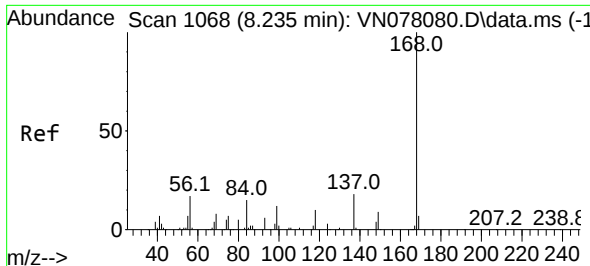
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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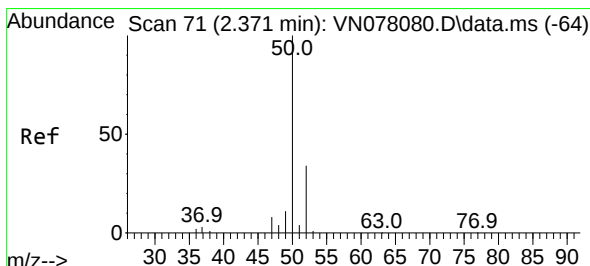
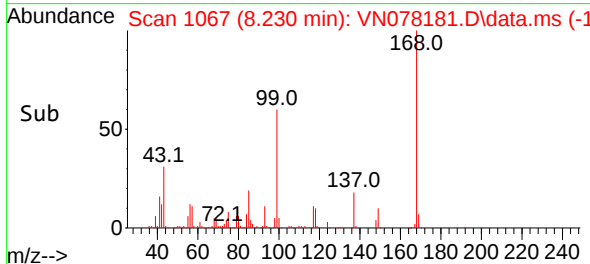
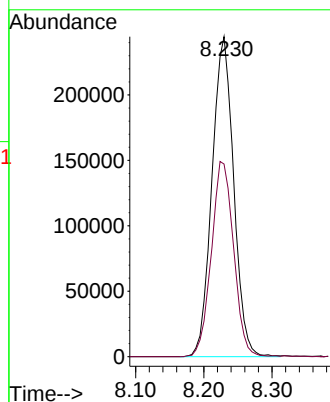
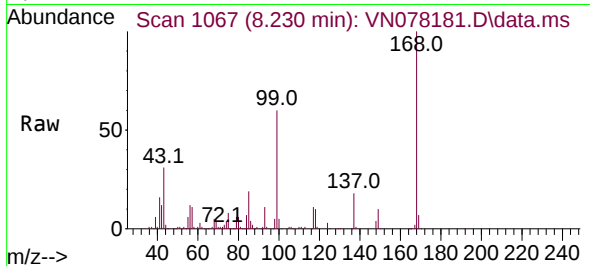




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

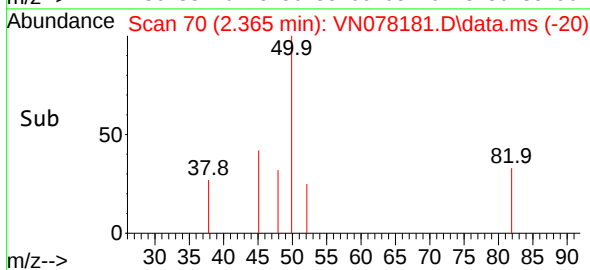
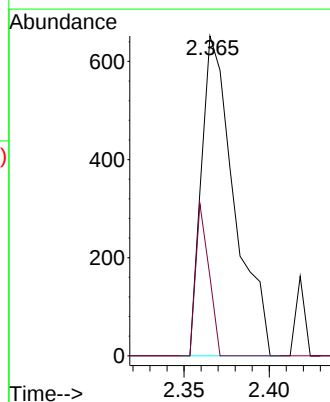
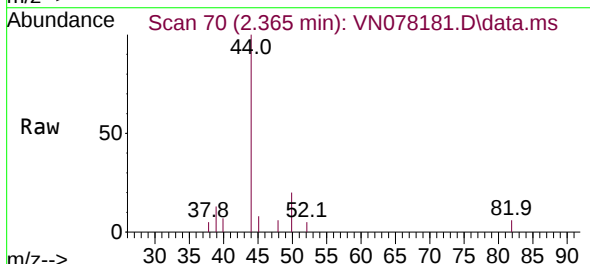
Instrument :
MSVOA_N
ClientSampleId :

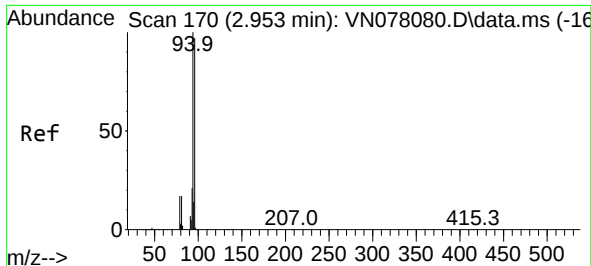
Tgt Ion:168 Resp: 541142
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 50 Resp: 874
Ion Ratio Lower Upper
50 100
52 24.7 26.5 39.7#

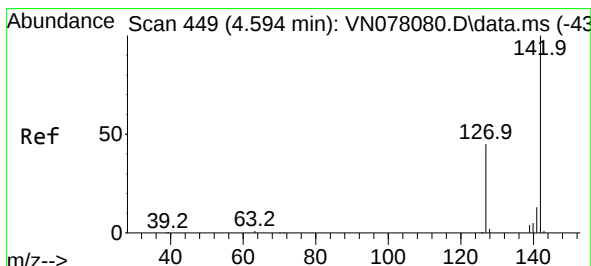
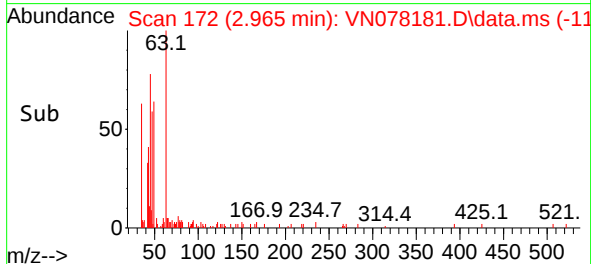
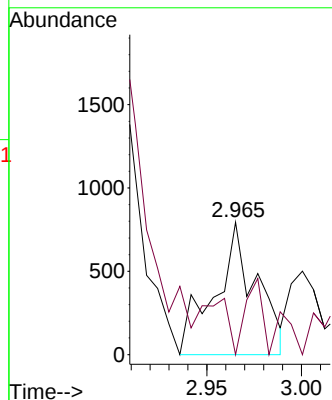
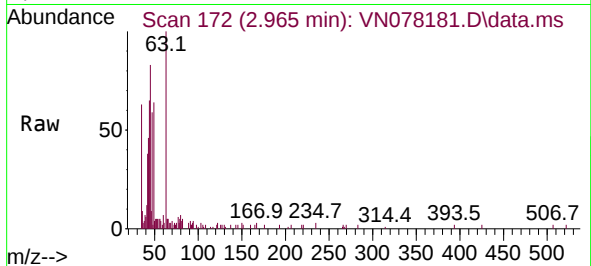




#5
Bromomethane
Concen: 0.201 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

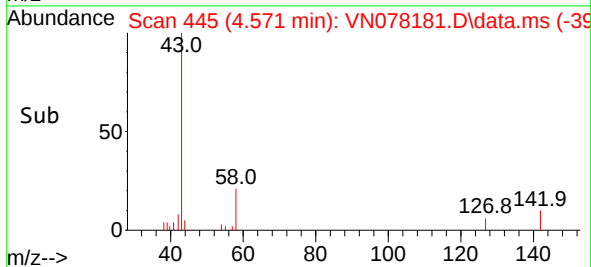
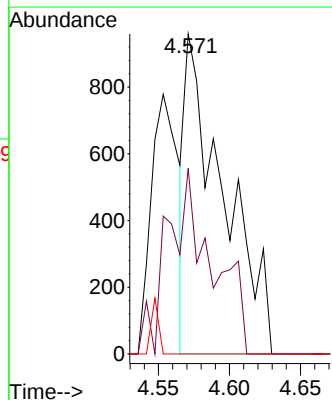
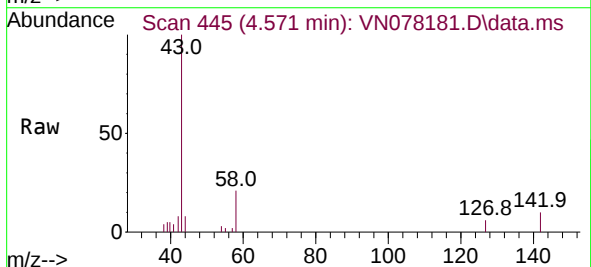
Instrument :
MSVOA_N
ClientSampleId :

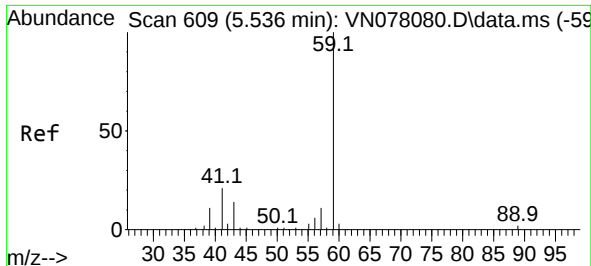
Tgt Ion: 94 Resp: 1219
Ion Ratio Lower Upper
94 100
96 0.0 73.1 109.7#



#10
Methyl Iodide
Concen: 0.222 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.024 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

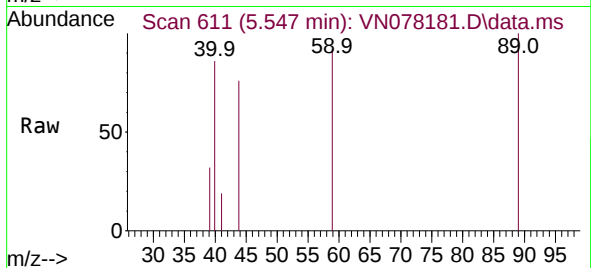
Tgt Ion: 142 Resp: 1796
Ion Ratio Lower Upper
142 100
127 58.0 37.6 56.4#
141 0.0 11.4 17.0#



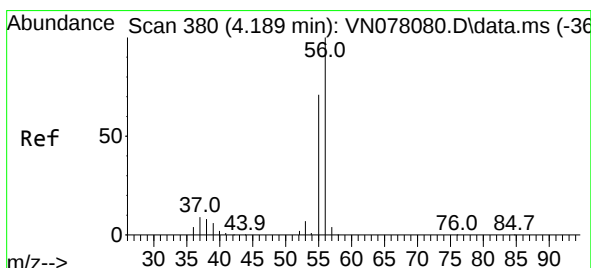
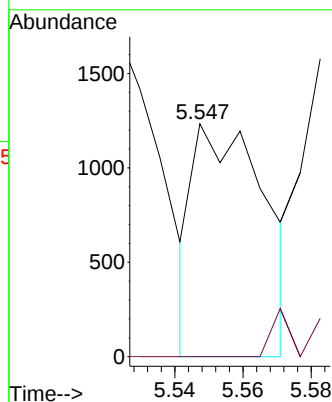
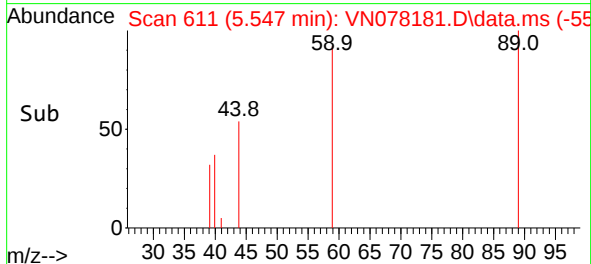


#11
Tert butyl alcohol
Concen: 1.792 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

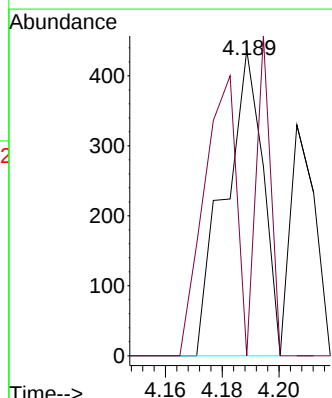
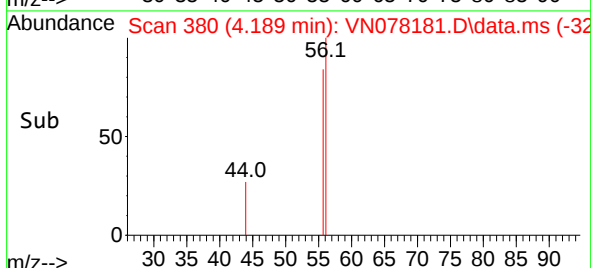
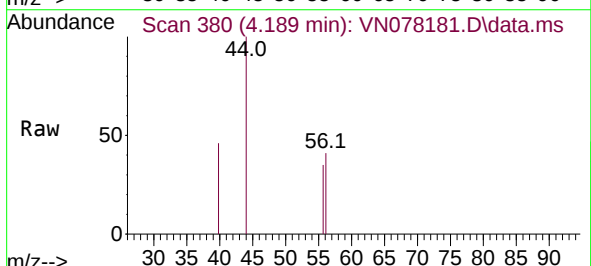


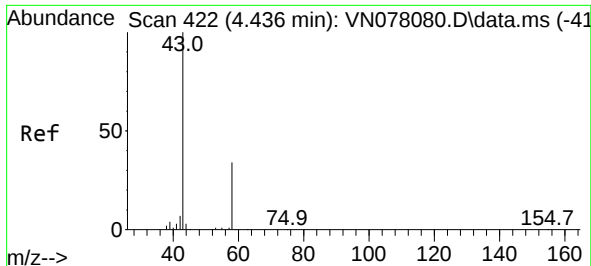
Tgt Ion: 59 Resp: 1785
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.371 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 56 Resp: 407
Ion Ratio Lower Upper
56 100
55 77.6 54.5 81.7

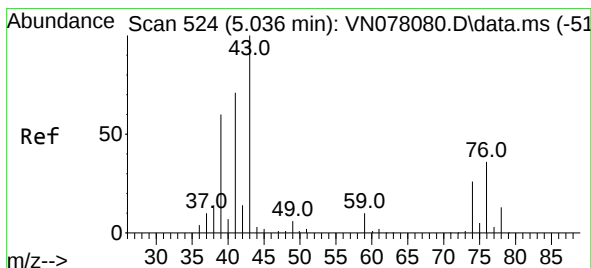
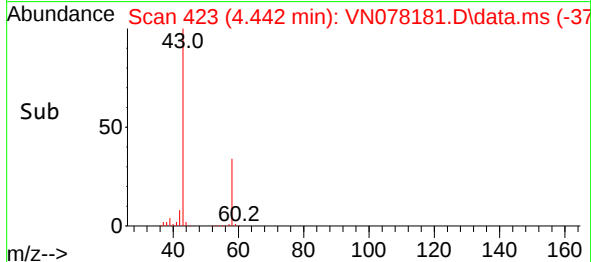
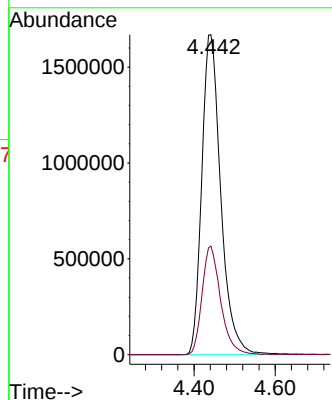
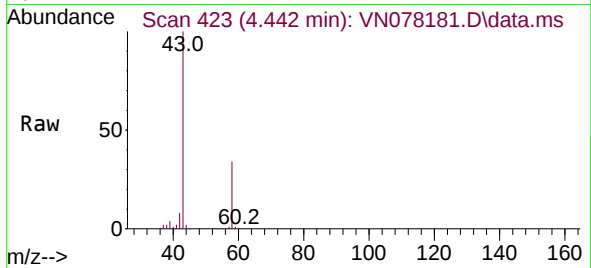




#16
Acetone
Concen: 2616.620 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

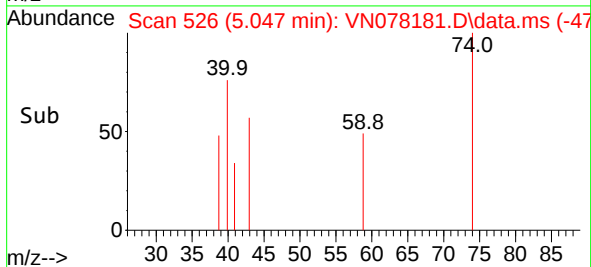
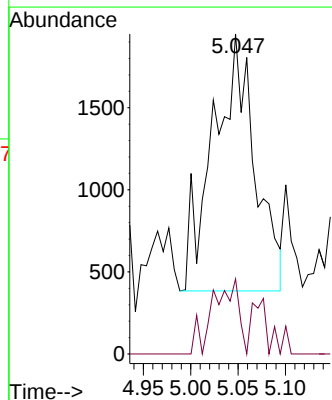
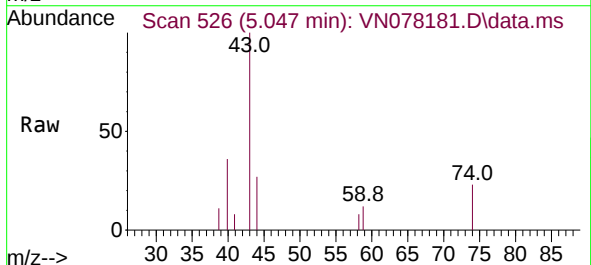
Instrument :
MSVOA_N
ClientSampleId :

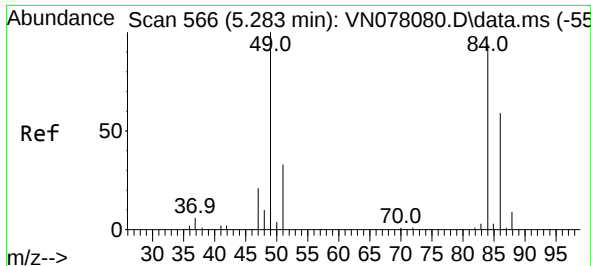
Tgt Ion: 43 Resp: 5434106
Ion Ratio Lower Upper
43 100
58 34.0 28.0 42.0



#18
Methyl Acetate
Concen: 0.497 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.012 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

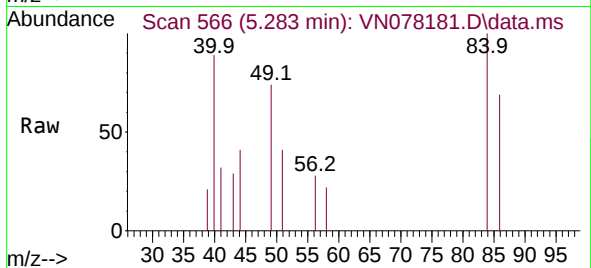
Tgt Ion: 43 Resp: 4754
Ion Ratio Lower Upper
43 100
74 18.2 26.2 39.4#



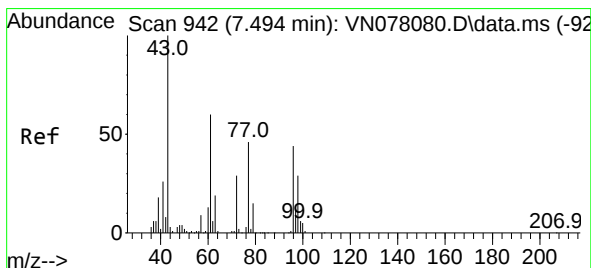
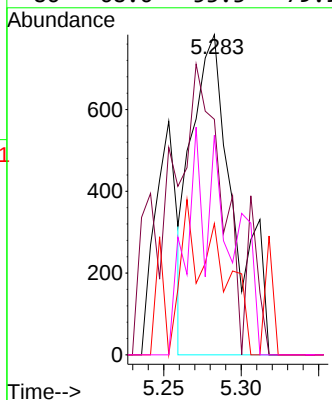
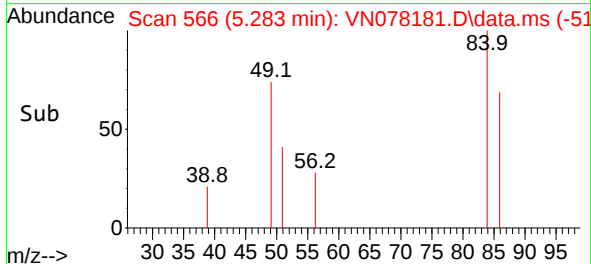


#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
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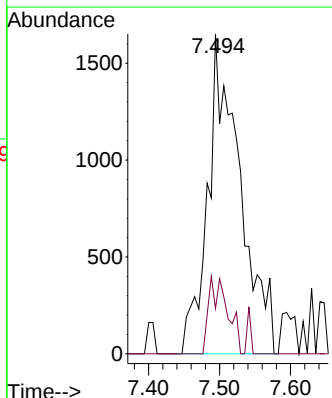
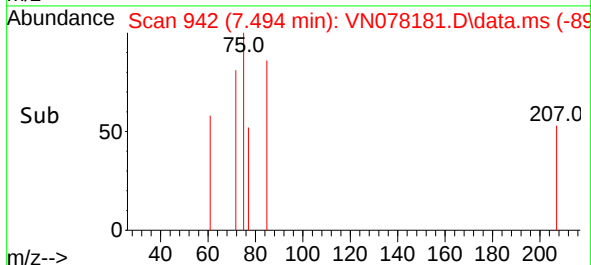
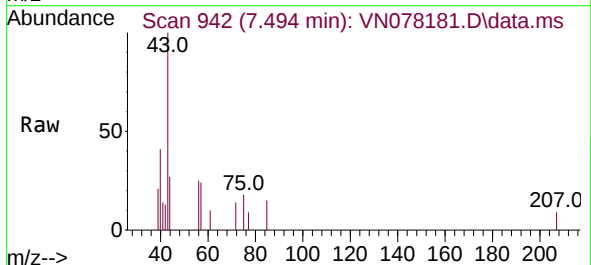


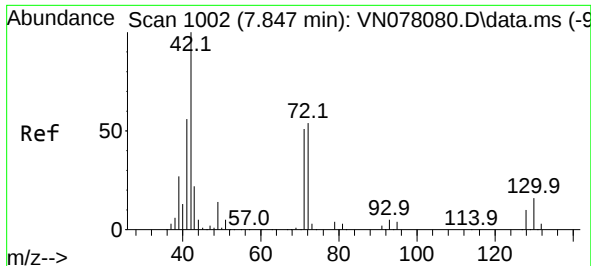
Tgt Ion:	84	Resp:	1497
Ion	Ratio	Lower	Upper
84	100		
49	73.6	79.7	119.5#
51	41.0	25.2	37.8#
86	68.6	53.3	79.9



#25
2-Butanone
Concen: 1.627 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion:	43	Resp:	5197
Ion	Ratio	Lower	Upper
43	100		
72	14.2	30.2	45.2#





#29

Tetrahydrofuran

Concen: 0.334 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

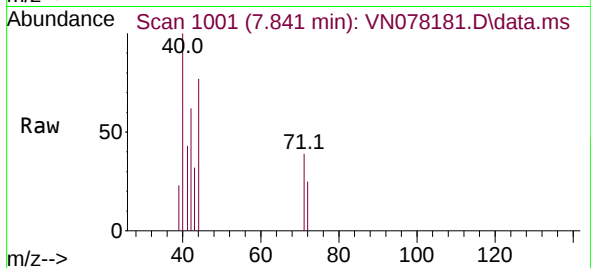
Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

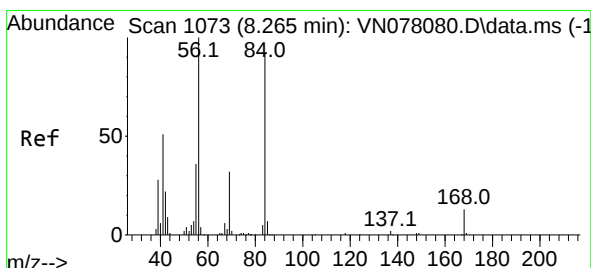
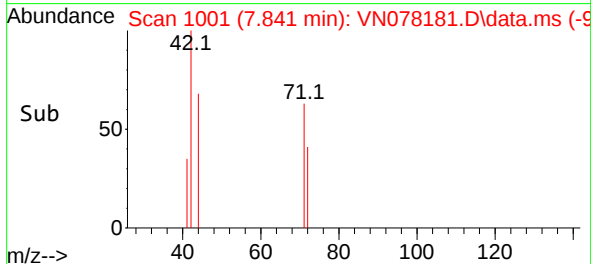
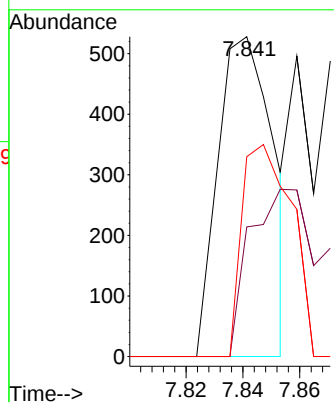
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 42	Resp: 713
Ion Ratio	Lower Upper
42	100
72	74.3 49.8 74.6
71	0.0 47.4 71.2#



#31

Cyclohexane

Concen: 9.124 ug/l

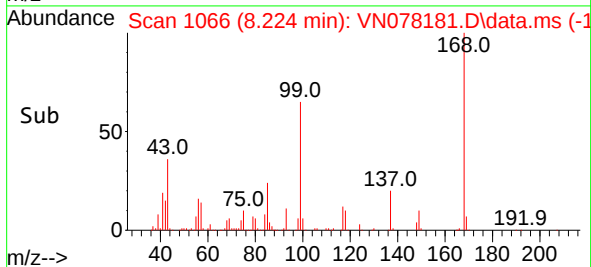
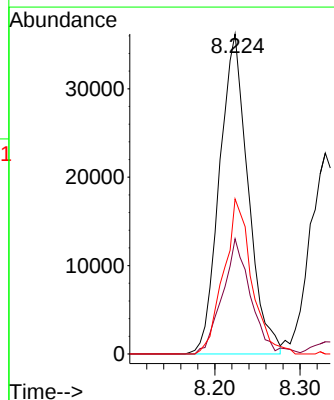
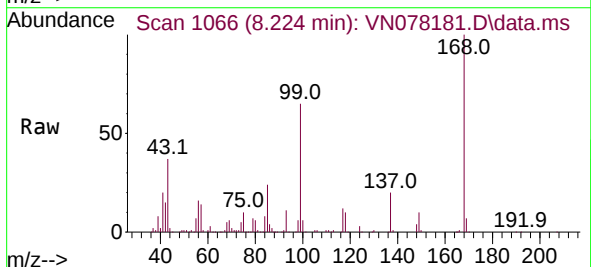
RT: 8.224 min Scan# 1066

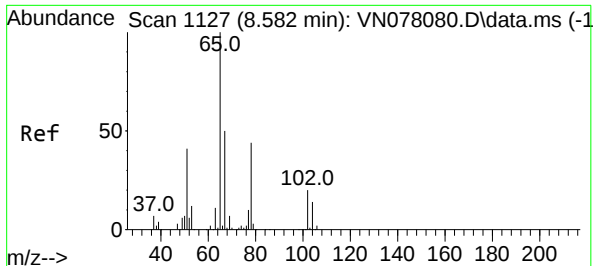
Delta R.T. -0.041 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Tgt Ion: 56	Resp: 84444
Ion Ratio	Lower Upper
56	100
69	36.0 26.8 40.2
84	48.5 81.8 122.6#





#33

1,2-Dichloroethane-d4

Concen: 51.287 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

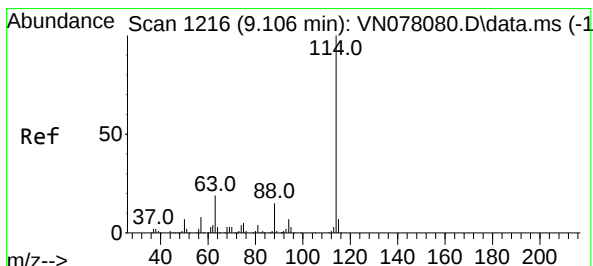
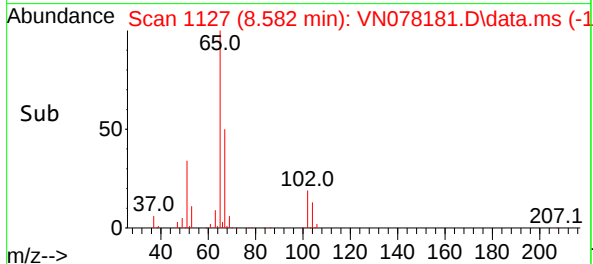
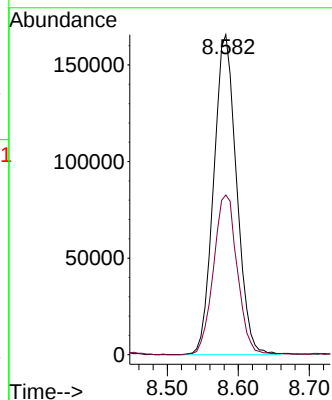
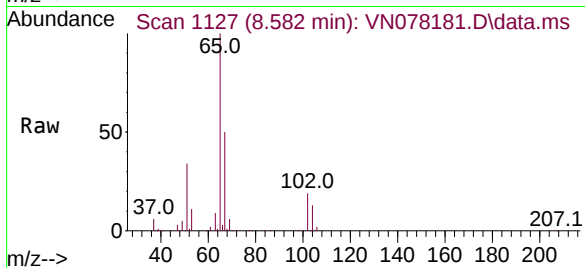
ClientSampleId :

Tgt Ion: 65 Resp: 370042

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

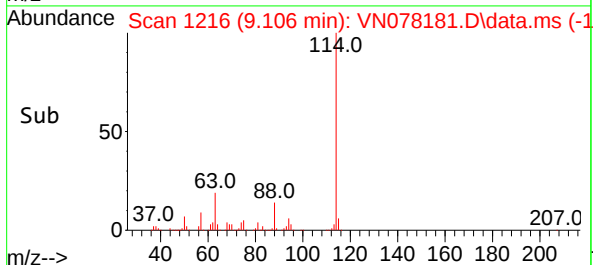
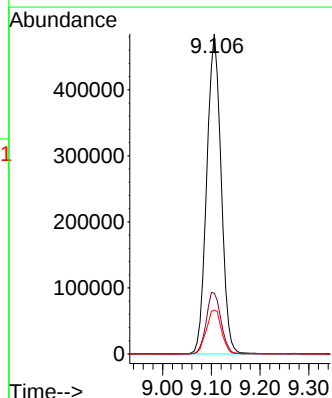
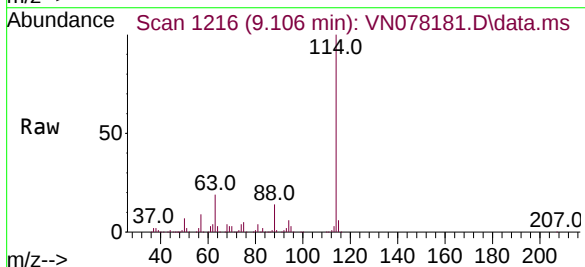
Tgt Ion: 114 Resp: 988391

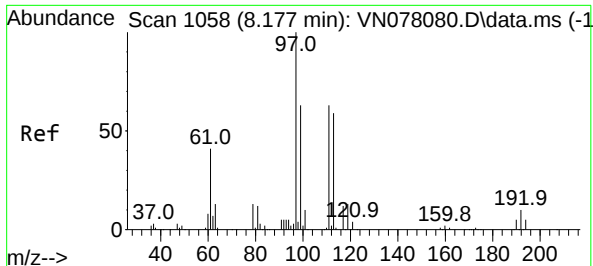
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 13.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.221 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

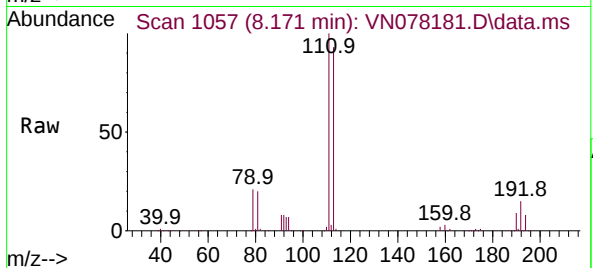
Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :



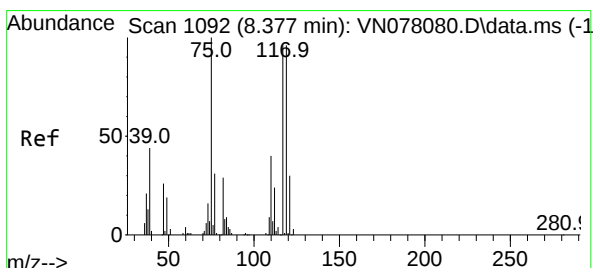
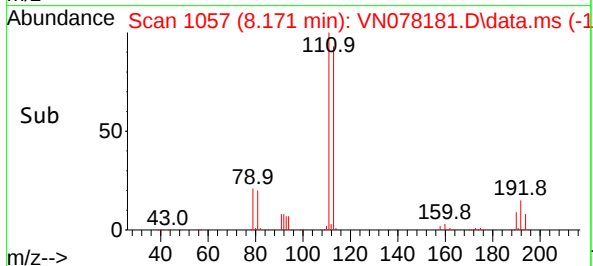
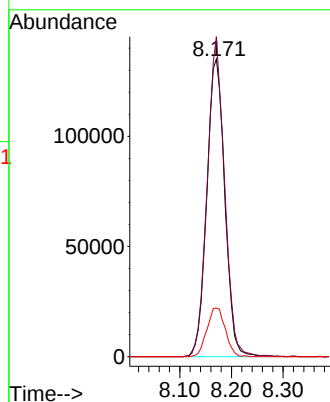
Tgt Ion:113 Resp: 326355

Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 5.126 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.153 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

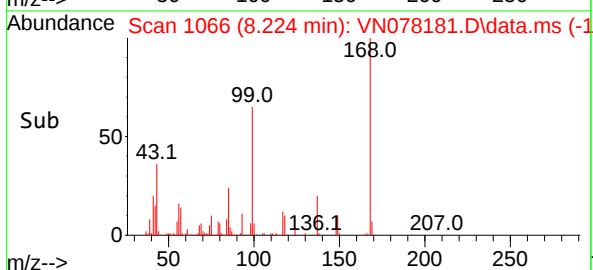
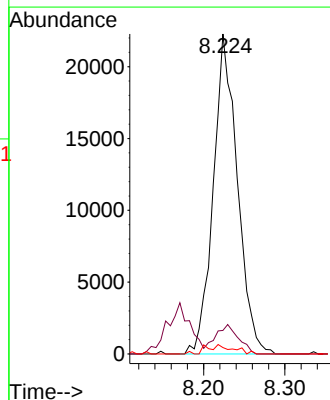
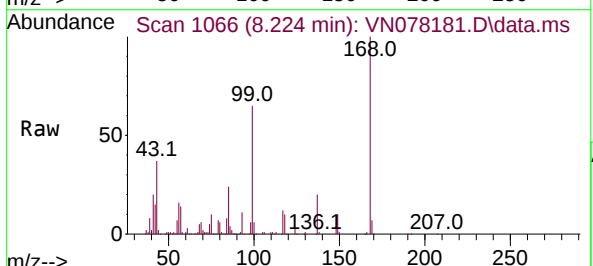
Tgt Ion: 75 Resp: 45949

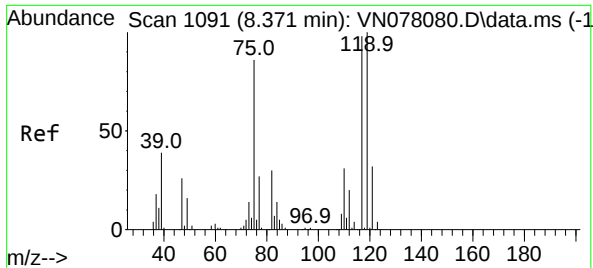
Ion Ratio Lower Upper

75 100

110 8.8 19.1 57.3#

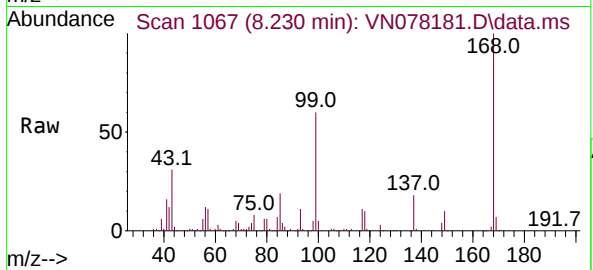
77 2.1 25.0 37.4#



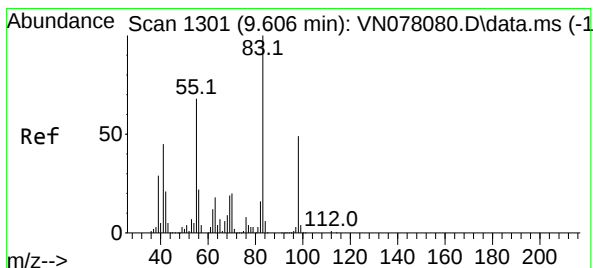
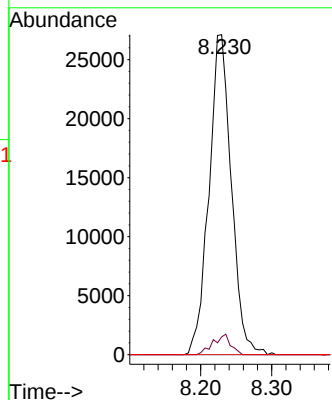
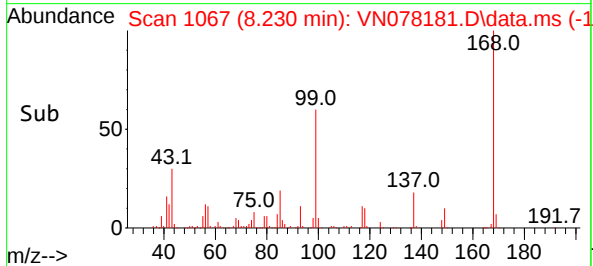


#38
Carbon Tetrachloride
Concen: 6.273 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

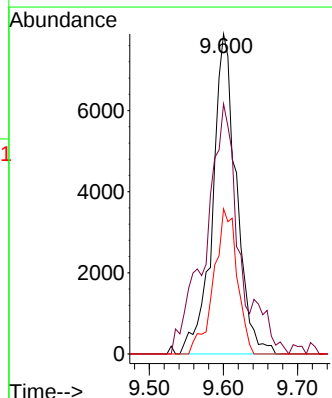
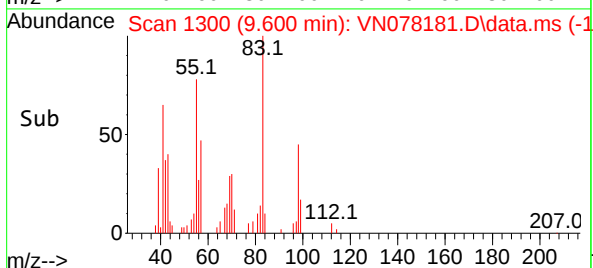
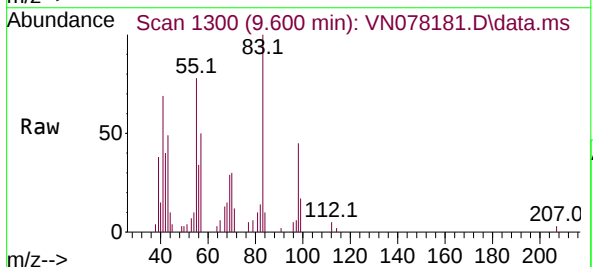


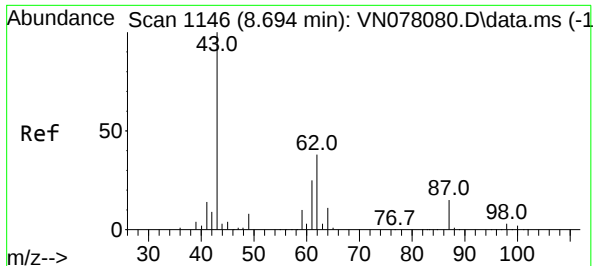
Tgt Ion:117 Resp: 59380
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 1.900 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 83 Resp: 17649
Ion Ratio Lower Upper
83 100
55 74.4 49.1 73.7#
98 45.4 40.6 61.0

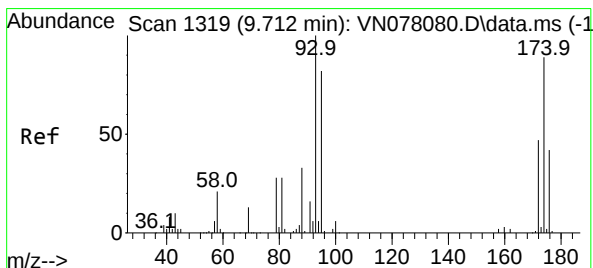
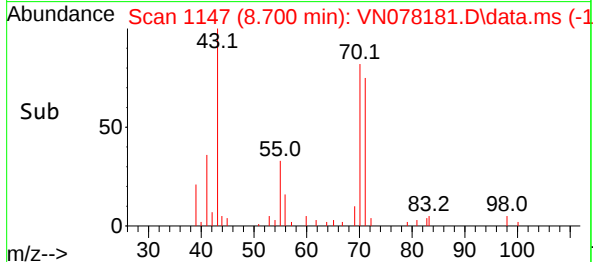
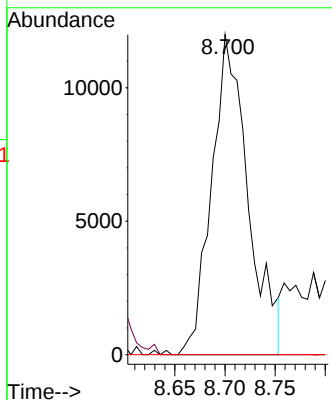
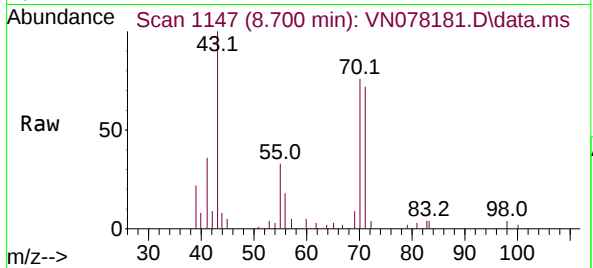




#43
Isopropyl Acetate
Concen: 2.268 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

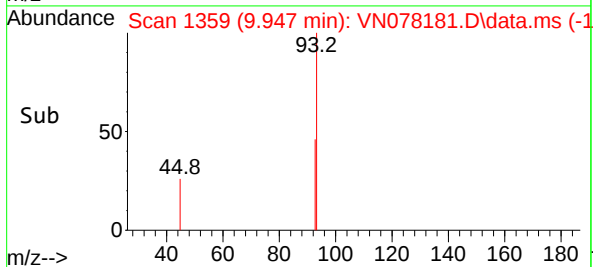
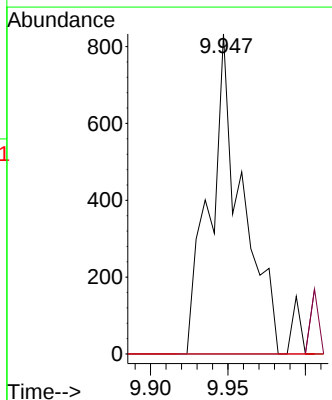
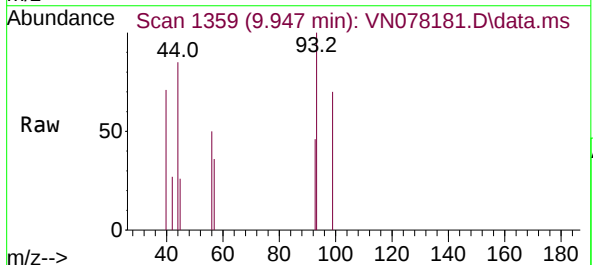
Instrument :
MSVOA_N
ClientSampleId :

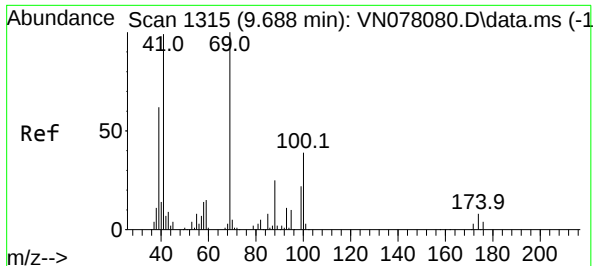
Tgt Ion: 43 Resp: 30369
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#46
Dibromomethane
Concen: 0.244 ug/l
RT: 9.947 min Scan# 1359
Delta R.T. 0.235 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 93 Resp: 1196
Ion Ratio Lower Upper
93 100
95 0.0 63.8 95.8#
174 0.0 65.6 98.4#

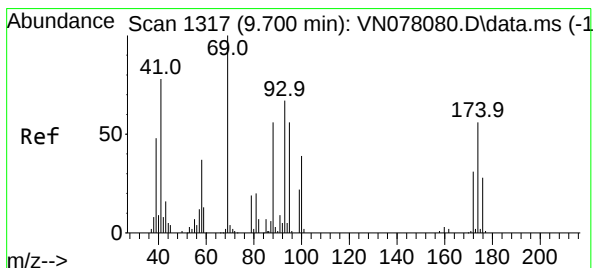
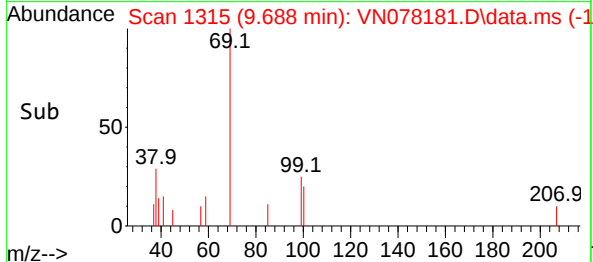
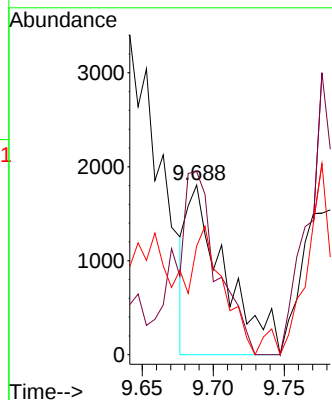
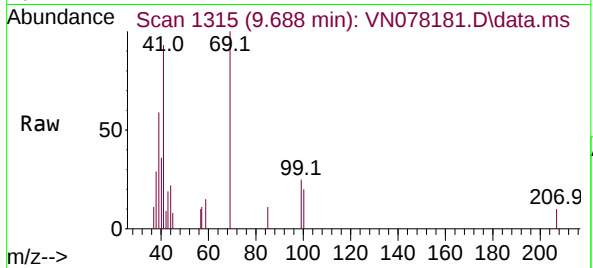




#48
Methyl methacrylate
Concen: 0.601 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

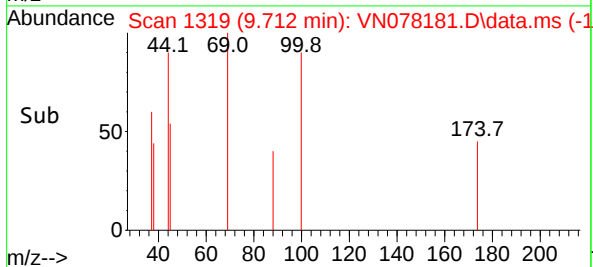
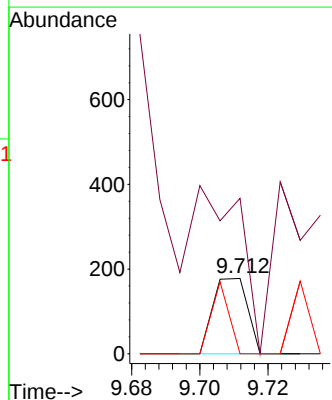
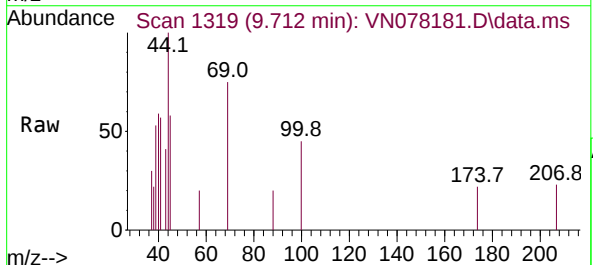
Instrument :
MSVOA_N
ClientSampleId :

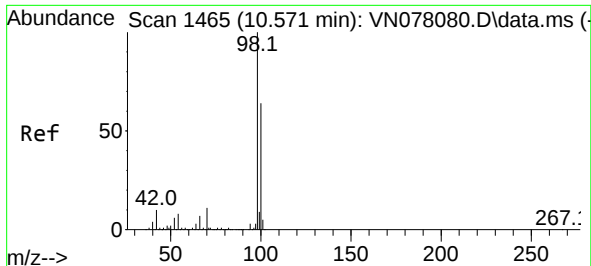
Tgt Ion: 41 Resp: 3376
Ion Ratio Lower Upper
41 100
69 120.1 90.4 135.6
39 56.8 54.6 81.8



#49
1,4-Dioxane
Concen: 1.058 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 88 Resp: 125
Ion Ratio Lower Upper
88 100
43 304.0 17.0 25.6#
58 48.0 47.0 70.4

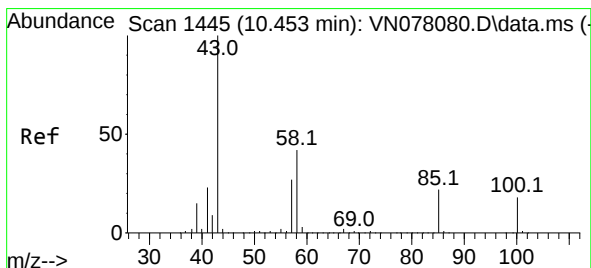
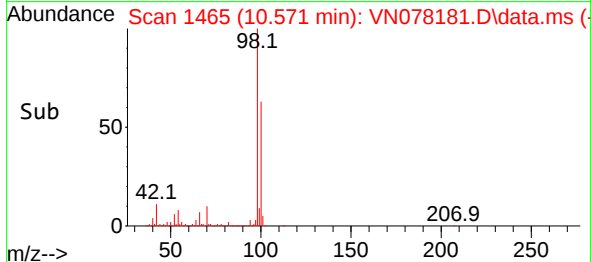
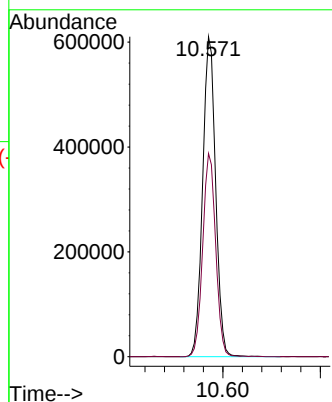
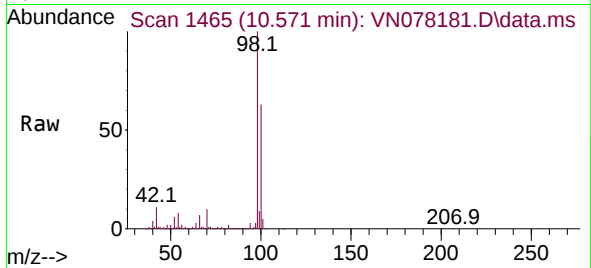




#50
Toluene-d8
Concen: 46.839 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

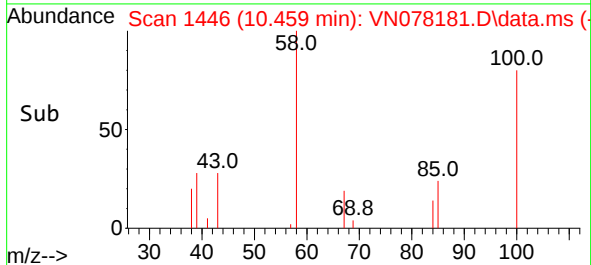
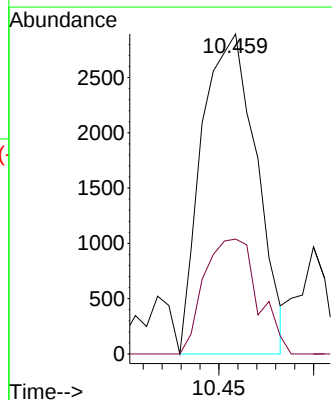
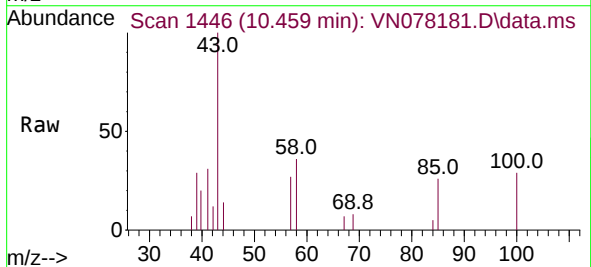
Instrument :
MSVOA_N
ClientSampleId :

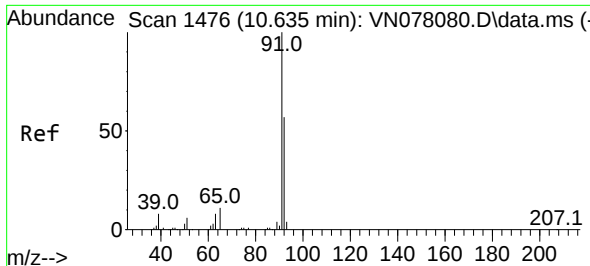
Tgt Ion: 98 Resp: 1128459
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.824 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 43 Resp: 5814
Ion Ratio Lower Upper
43 100
58 35.2 36.6 54.8#

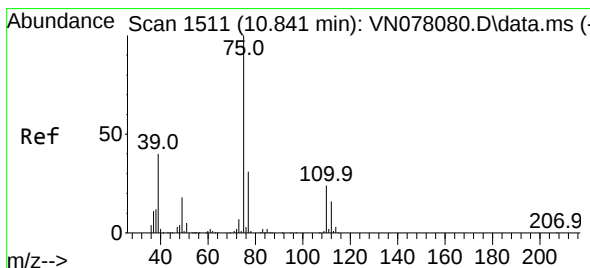
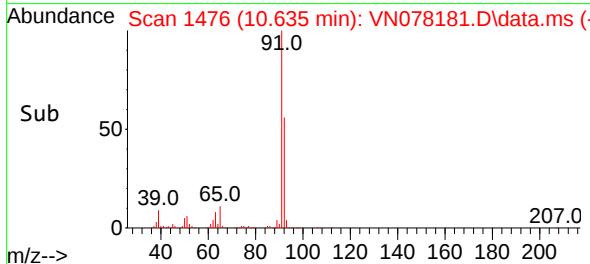
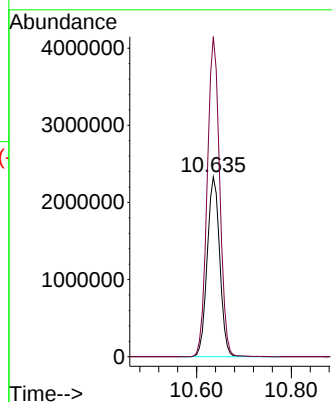
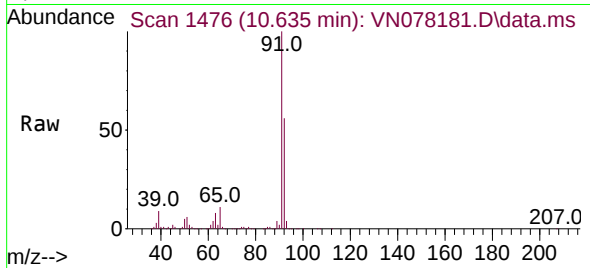




#52
Toluene
Concen: 253.493 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

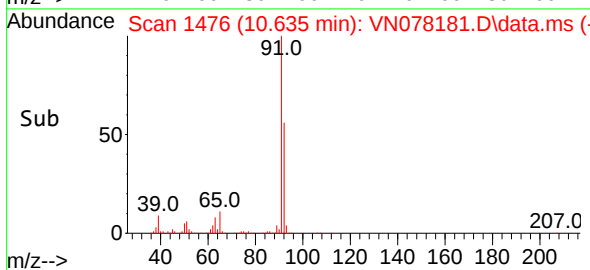
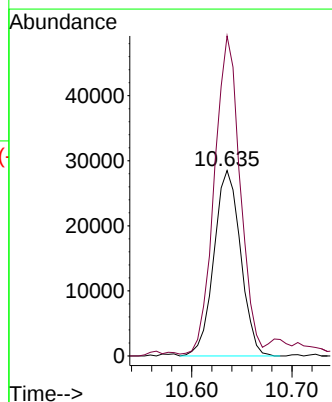
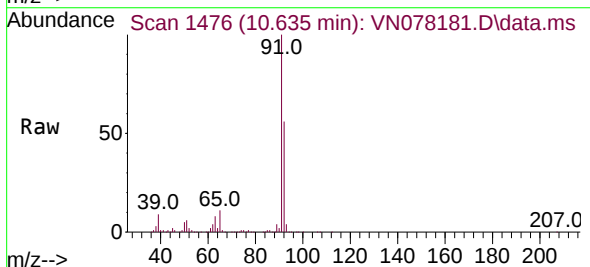
Instrument :
MSVOA_N
ClientSampleId :

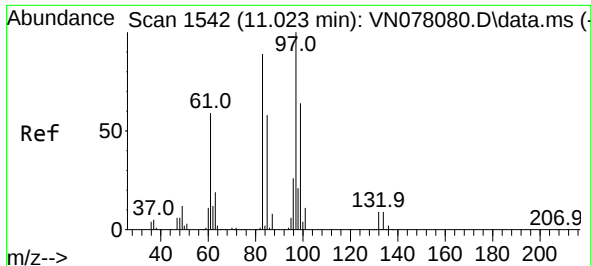
Tgt Ion: 92 Resp: 4283166
Ion Ratio Lower Upper
92 100
91 176.4 137.4 206.0



#53
t-1,3-Dichloropropene
Concen: 5.548 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.206 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

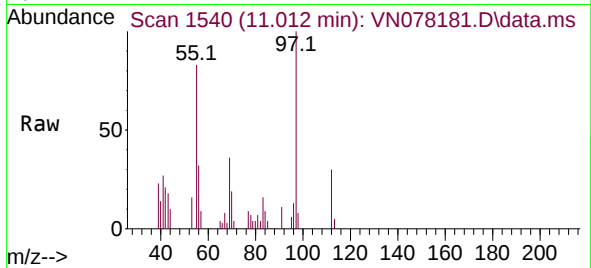
Tgt Ion: 75 Resp: 52637
Ion Ratio Lower Upper
75 100
77 171.6 25.4 38.0#



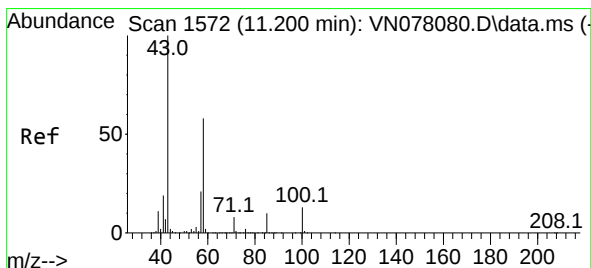
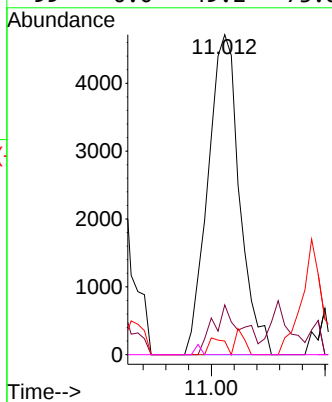
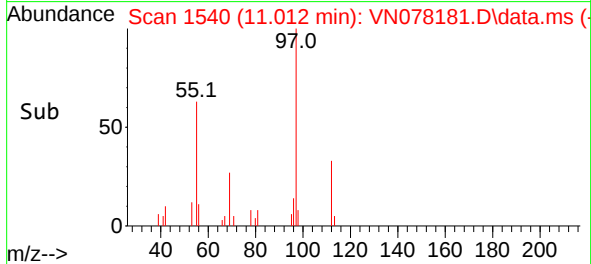


#55
1,1,2-Trichloroethane
Concen: 1.428 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.012 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :

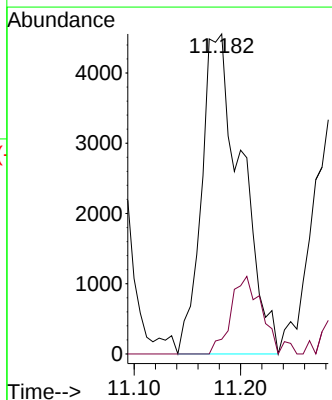
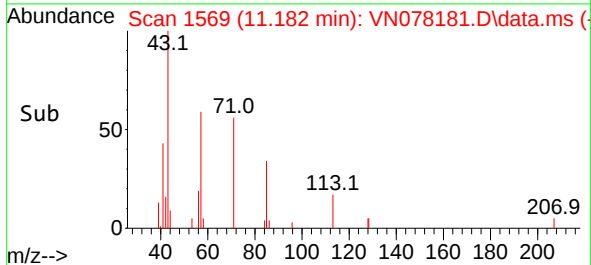
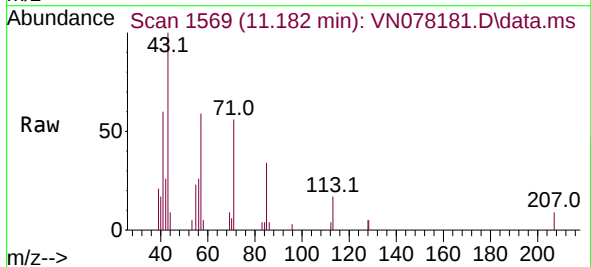


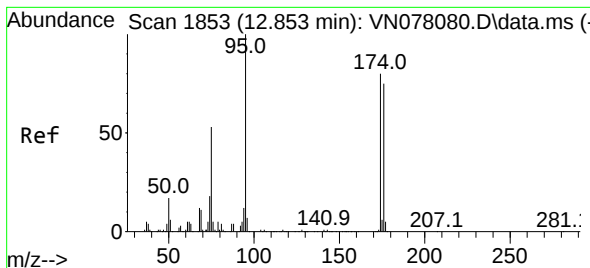
Tgt Ion: 97	Resp: 9130
Ion Ratio	Lower Upper
97 100	
83 15.6	65.1 97.7#
85 4.3	43.4 65.2#
99 0.0	49.2 73.8#



#59
2-Hexanone
Concen: 2.421 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.018 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 43	Resp: 11890
Ion Ratio	Lower Upper
43 100	
58 0.0	31.7 95.1#

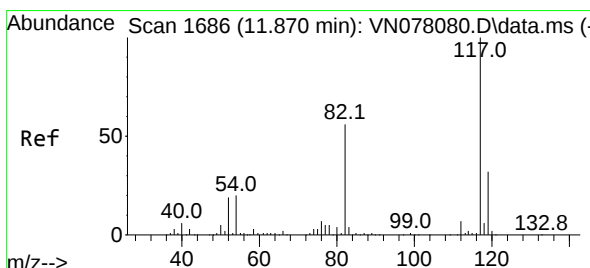
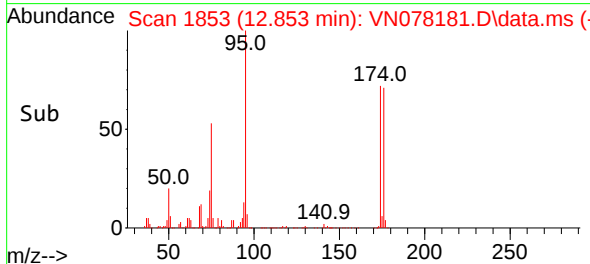
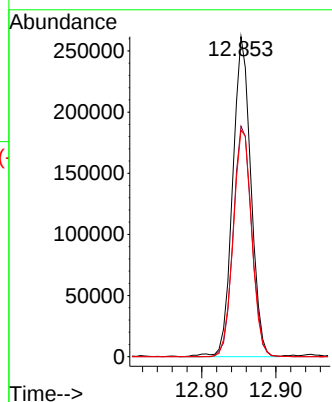
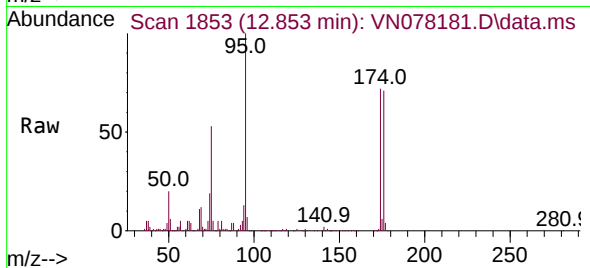




#62
4-Bromofluorobenzene
Concen: 59.577 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

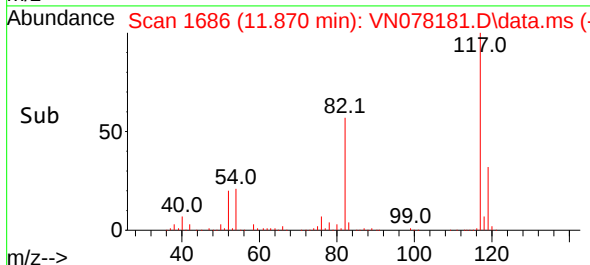
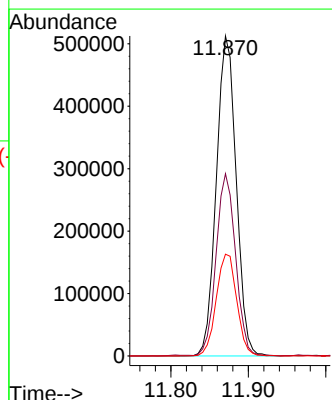
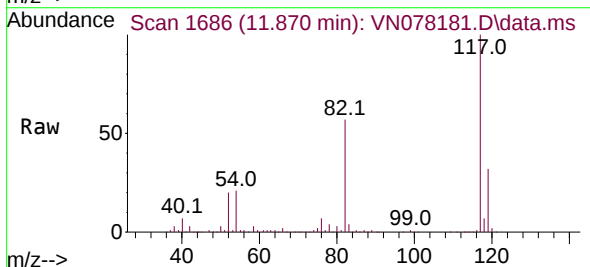
Instrument :
MSVOA_N
ClientSampleId :

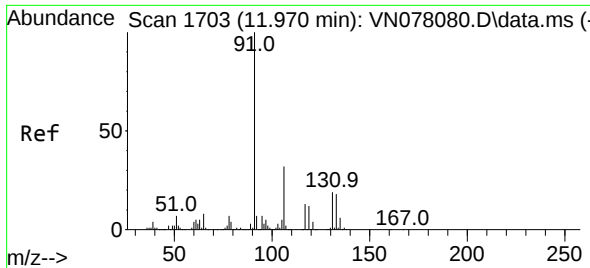
Tgt Ion: 95 Resp: 446211
Ion Ratio Lower Upper
95 100
174 72.6 0.0 143.8
176 71.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 117 Resp: 911573
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.8 25.6 38.4

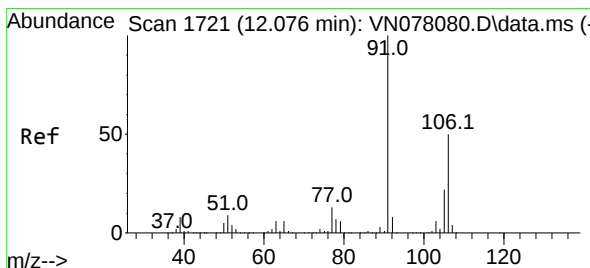
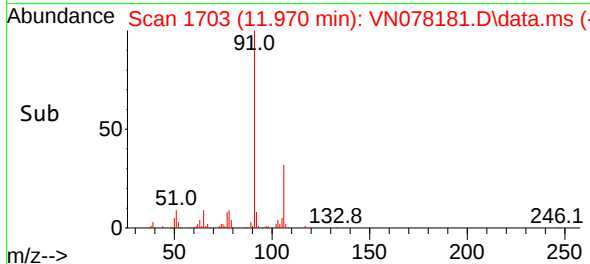
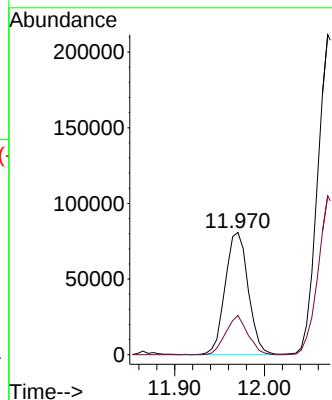
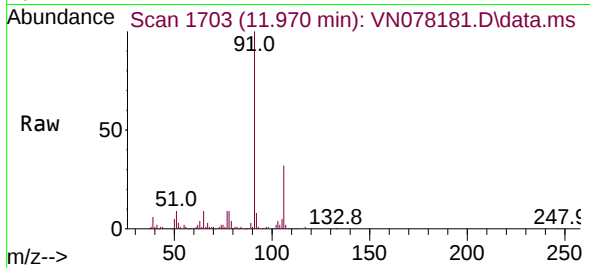




#67
Ethyl Benzene
Concen: 4.294 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

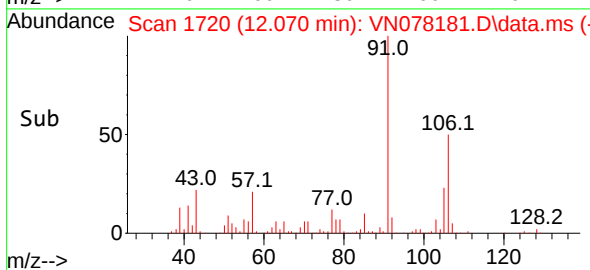
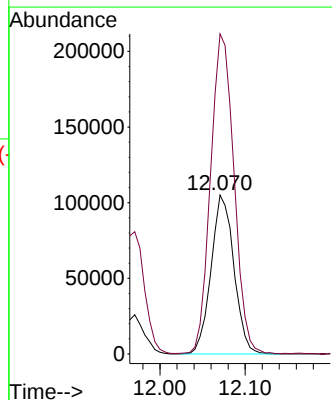
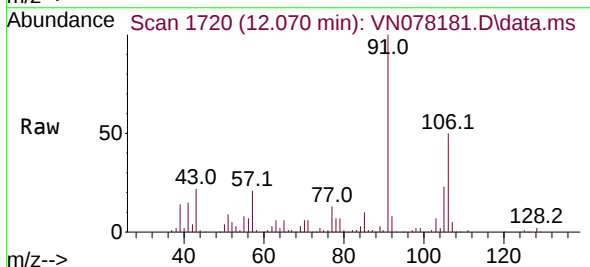
Instrument :
MSVOA_N
ClientSampleId :

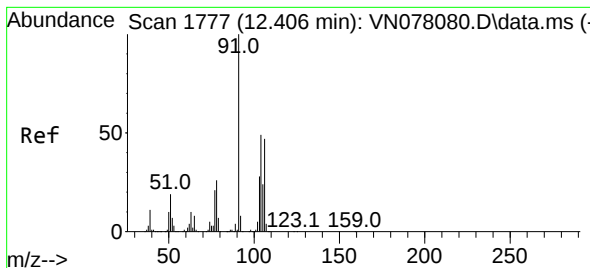
Tgt Ion: 91 Resp: 144640
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4



#68
m/p-Xylenes
Concen: 15.264 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 106 Resp: 195953
Ion Ratio Lower Upper
106 100
91 206.2 159.6 239.4





#69

o-Xylene

Concen: 6.543 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

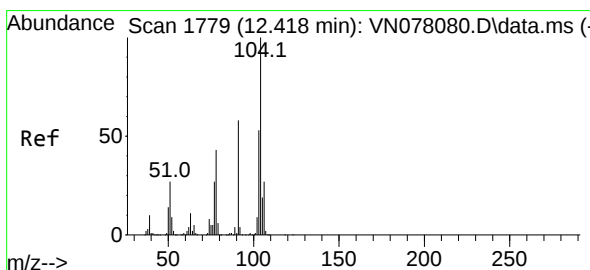
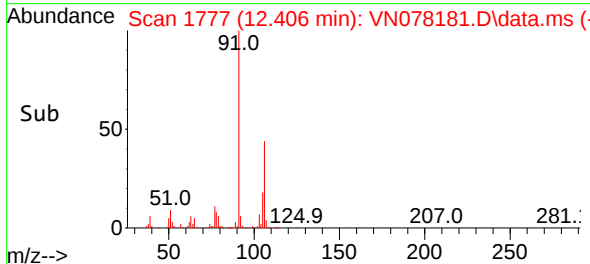
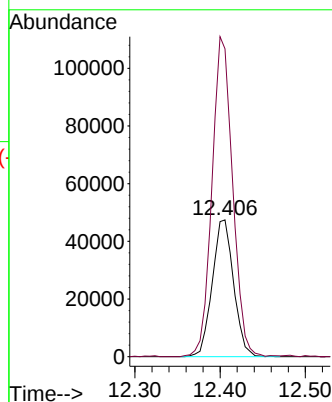
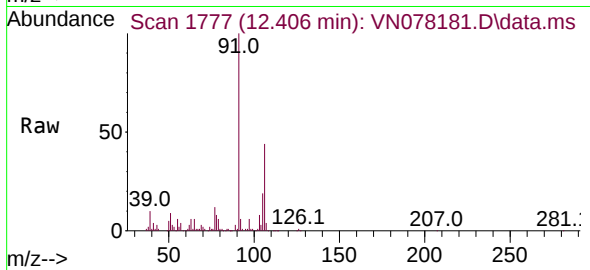
ClientSampleId :

Tgt Ion:106 Resp: 82484

Ion Ratio Lower Upper

106 100

91 226.3 105.2 315.5



#70

Styrene

Concen: 0.330 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.018 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

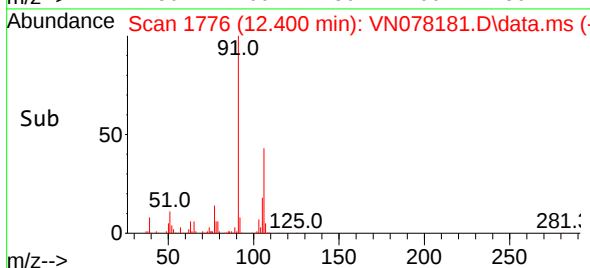
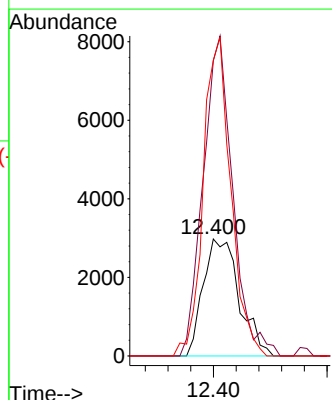
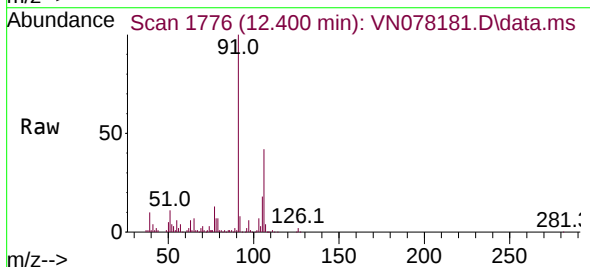
Tgt Ion:104 Resp: 6554

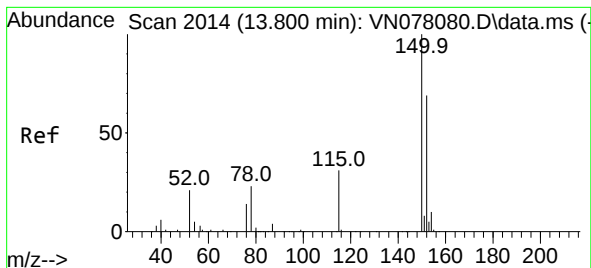
Ion Ratio Lower Upper

104 100

78 225.2 39.5 59.3#

103 208.3 43.2 64.8#

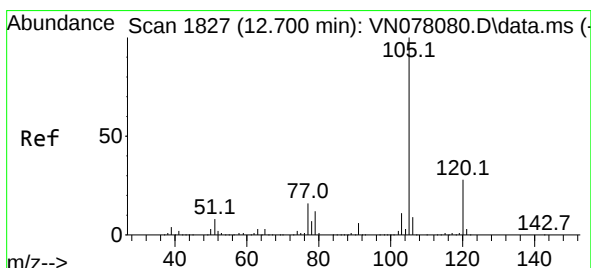
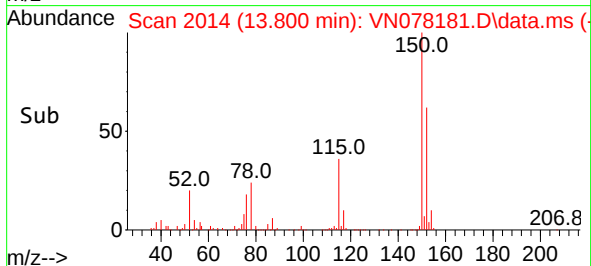
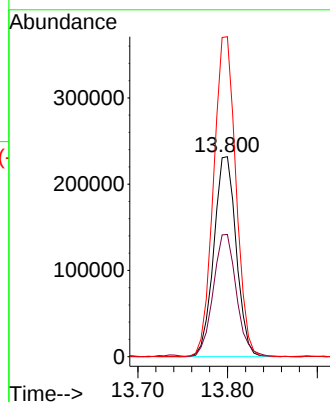
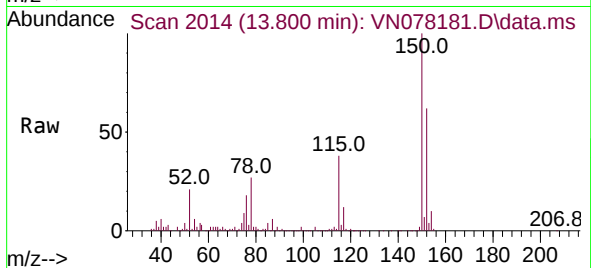




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

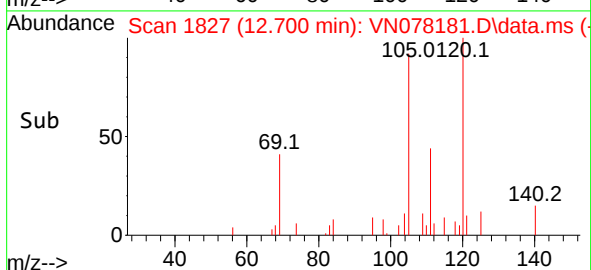
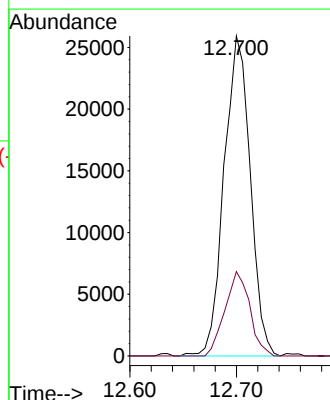
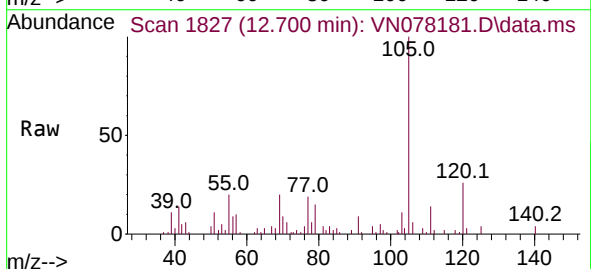
Instrument :
MSVOA_N
ClientSampleId :

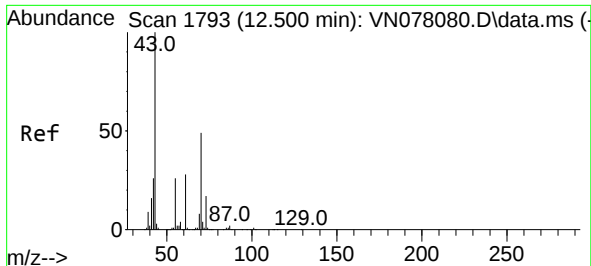
Tgt Ion:152 Resp: 401867
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 159.7 0.0 355.8



#73
Isopropylbenzene
Concen: 1.165 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion:105 Resp: 44286
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

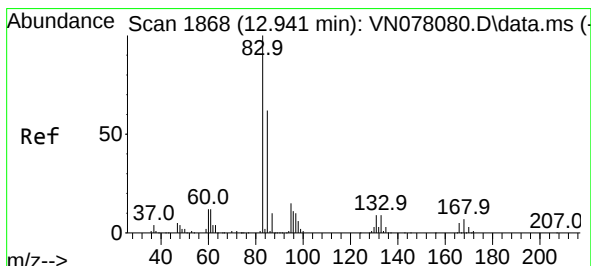
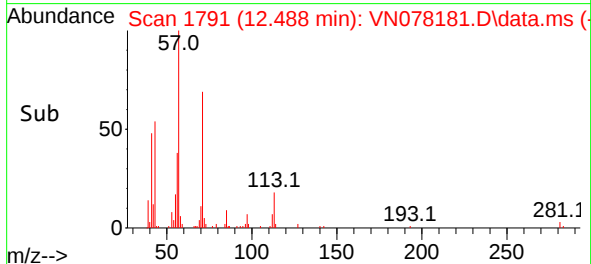
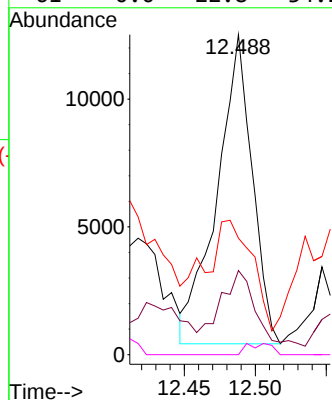
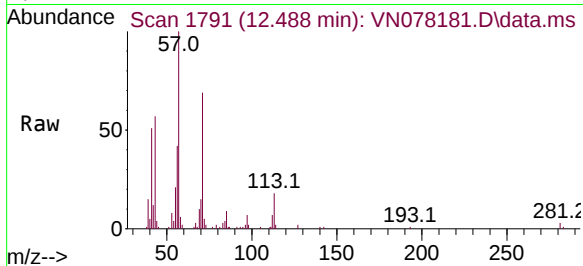




#74
N-amy1 acetate
Concen: 1.666 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.012 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

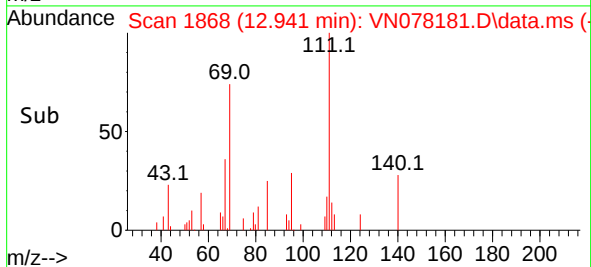
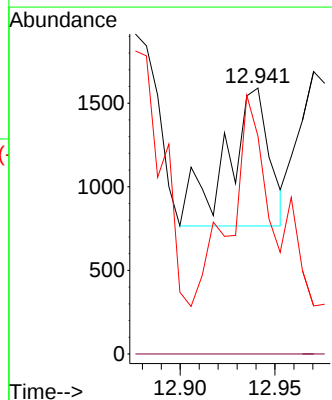
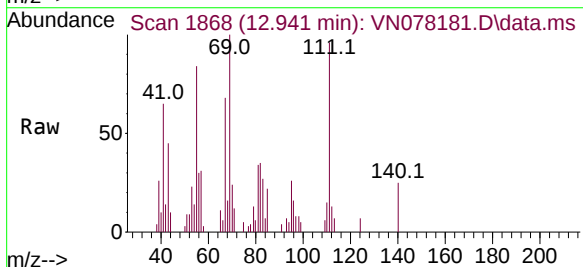
Instrument :
MSVOA_N
ClientSampleId :

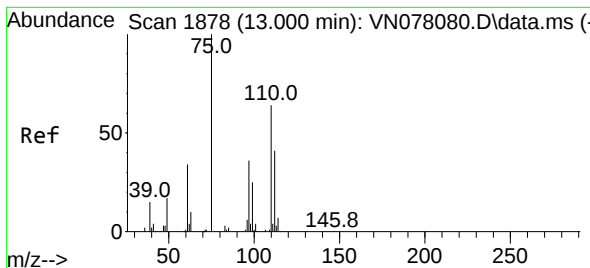
Tgt Ion: 43	Resp: 20849
Ion Ratio	Lower Upper
43 100	
70 24.2	43.4 65.2#
55 37.0	21.4 32.0#
61 0.0	22.8 34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 83	Resp: 1297
Ion Ratio	Lower Upper
83 100	
131 0.0	5.0 15.0#
85 159.2	31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 25.157 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

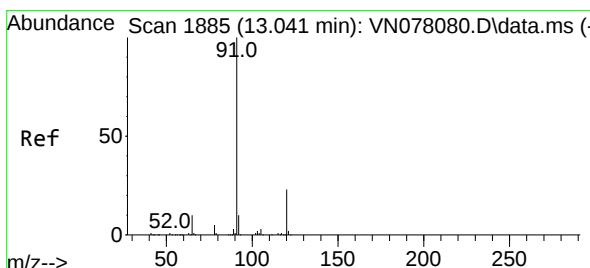
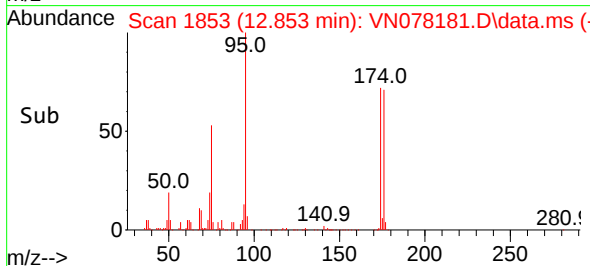
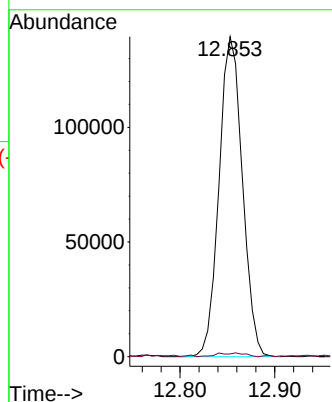
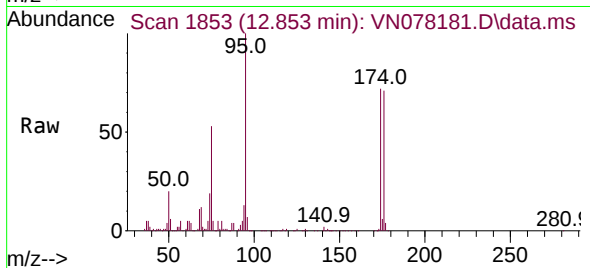
ClientSampleId :

Tgt Ion: 75 Resp: 238997

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#



#78

n-propylbenzene

Concen: 3.926 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VN078181.D

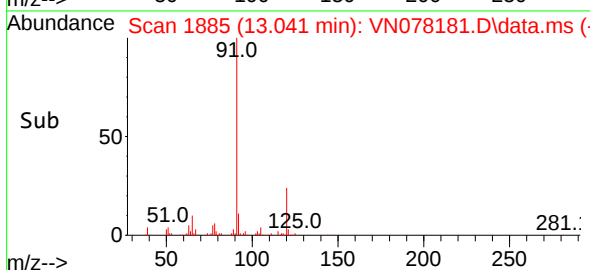
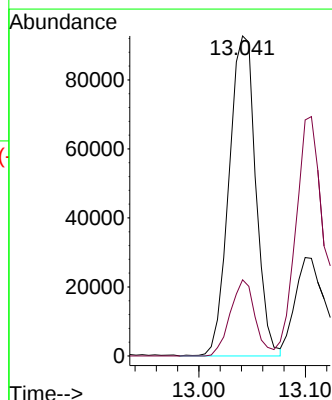
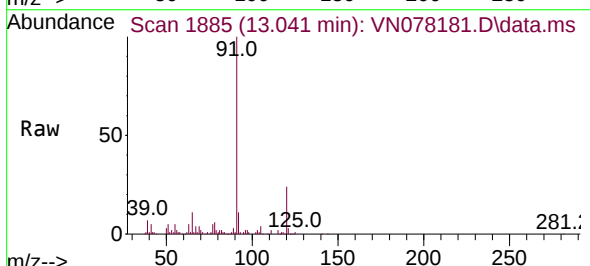
Acq: 13 Jun 2023 13:12

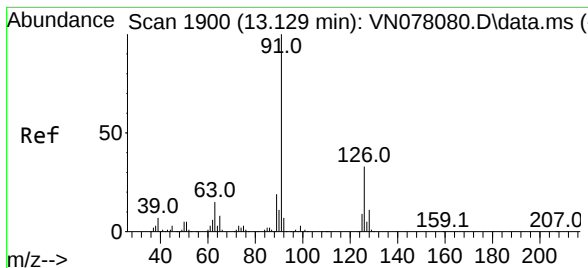
Tgt Ion: 91 Resp: 162085

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4

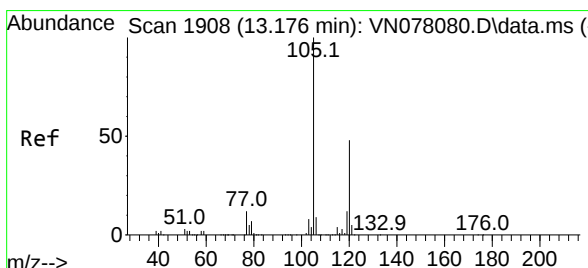
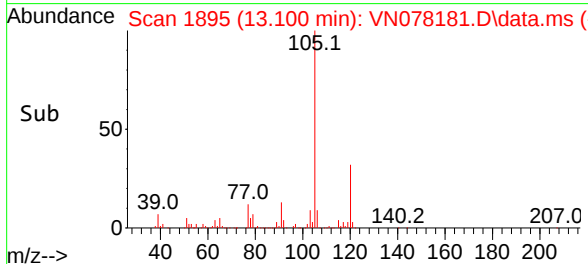
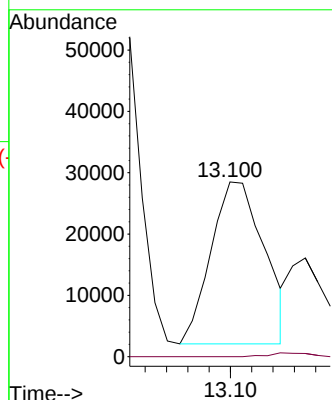
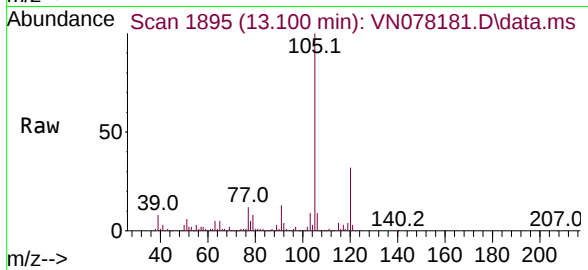




#79
2-Chlorotoluene
Concen: 1.724 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

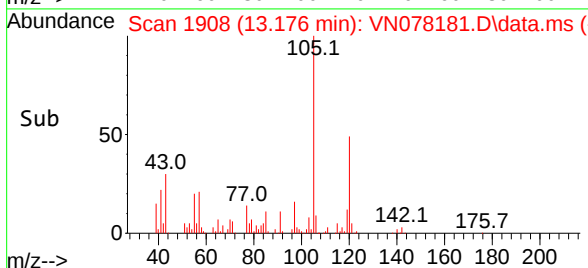
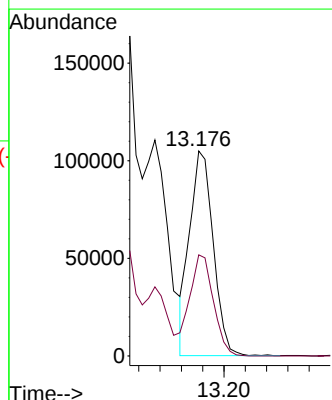
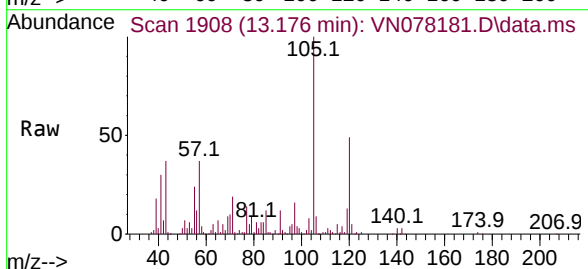
Instrument :
MSVOA_N
ClientSampleId :

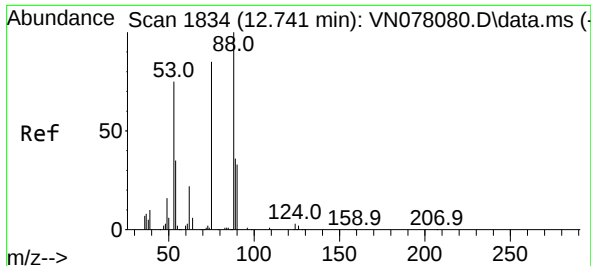
Tgt Ion: 91 Resp: 45934
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 5.234 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion:105 Resp: 161040
Ion Ratio Lower Upper
105 100
120 51.5 24.1 72.3

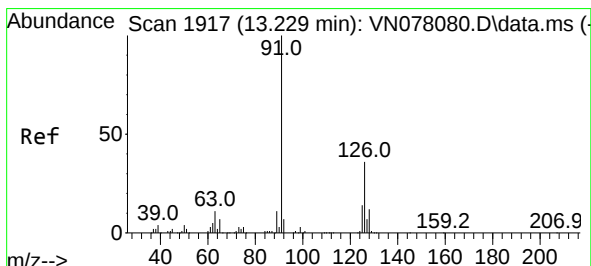
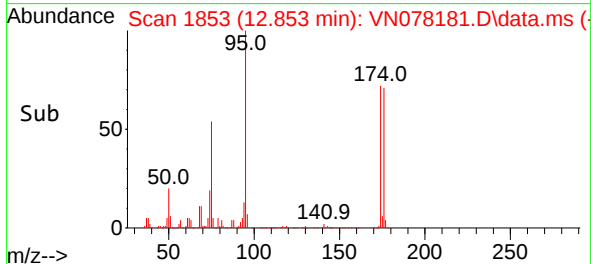
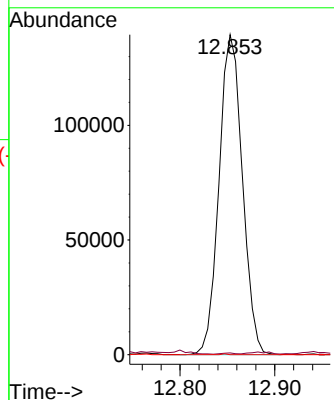
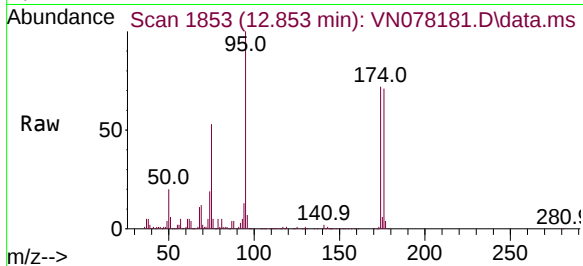




#81
trans-1,4-Dichloro-2-butene
Concen: 77.290 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

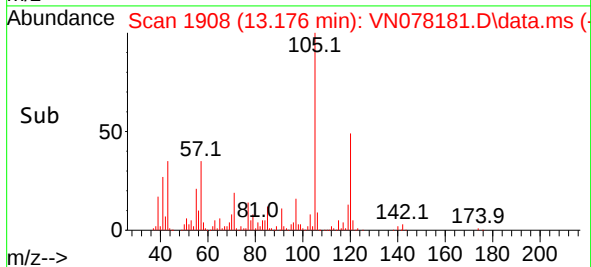
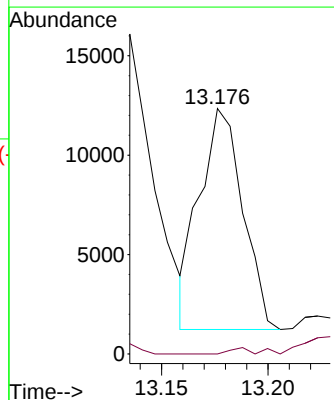
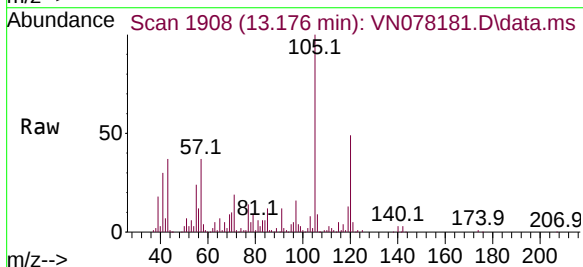
Instrument :
MSVOA_N
ClientSampleId :

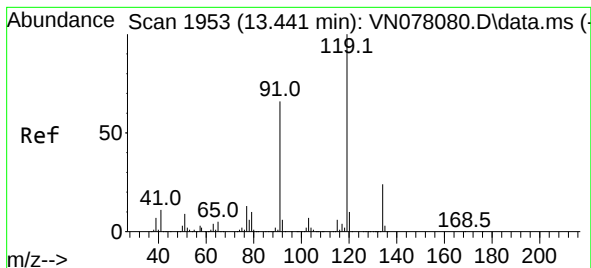
Tgt Ion: 75 Resp: 238997
Ion Ratio Lower Upper
75 100
53 0.2 67.4 101.2#
89 0.1 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.633 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.053 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 91 Resp: 15736
Ion Ratio Lower Upper
91 100
126 1.2 16.7 50.0#





#83

tert-Butylbenzene

Concen: 2.642 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.047 min

Lab File: VN078181.D

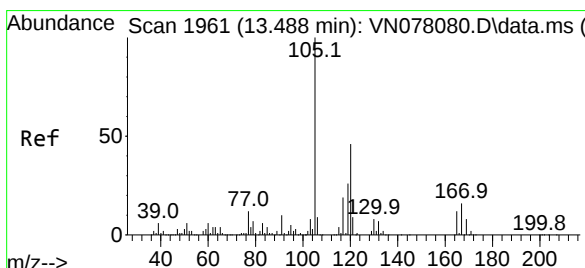
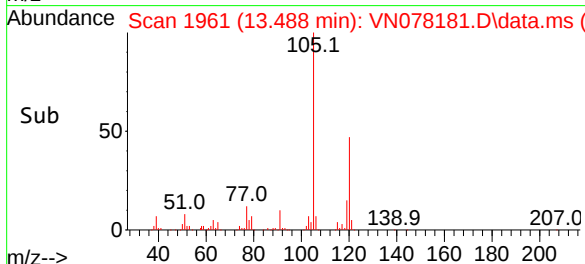
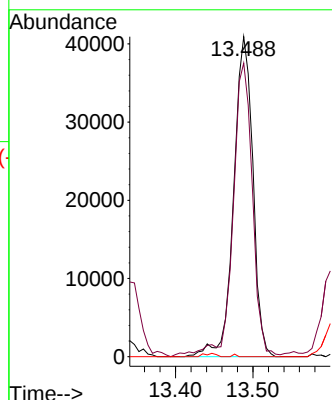
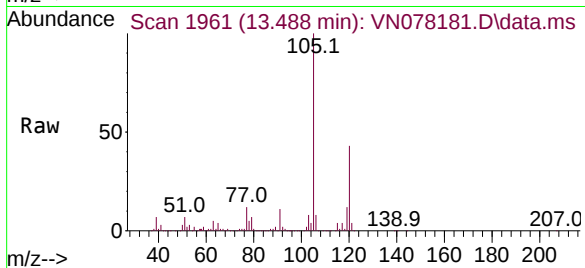
Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	119	Resp:	70654
Ion Ratio	Lower	Upper	
119	100		
91	93.1	33.9	101.7
134	0.0	13.2	39.6#



#84

1,2,4-Trimethylbenzene

Concen: 18.800 ug/l

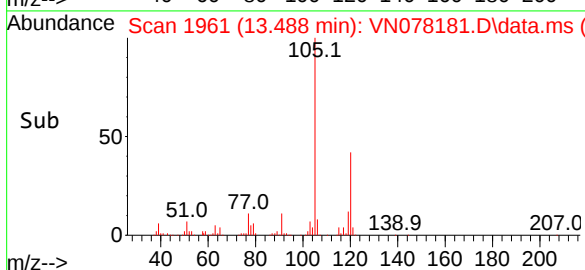
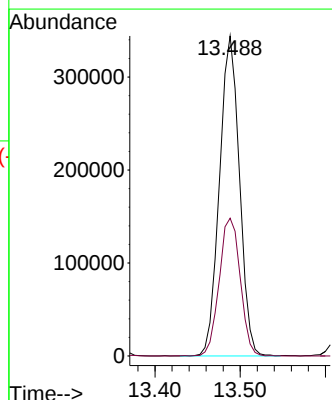
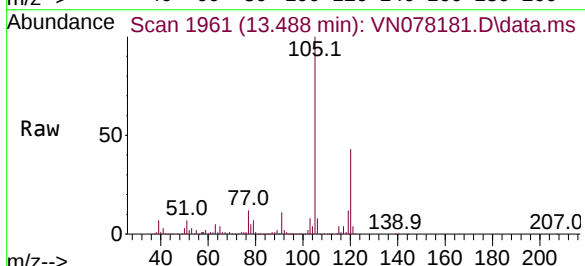
RT: 13.488 min Scan# 1961

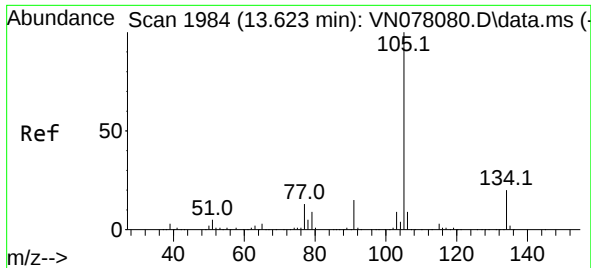
Delta R.T. -0.000 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Tgt Ion:	105	Resp:	560788
Ion Ratio	Lower	Upper	
105	100		
120	45.3	22.0	66.0

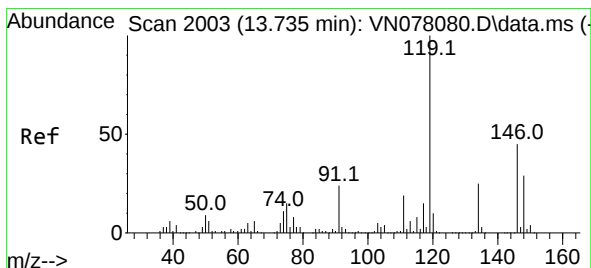
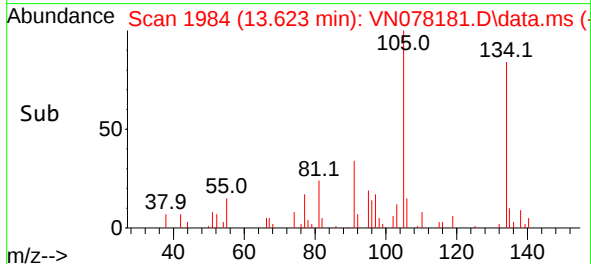
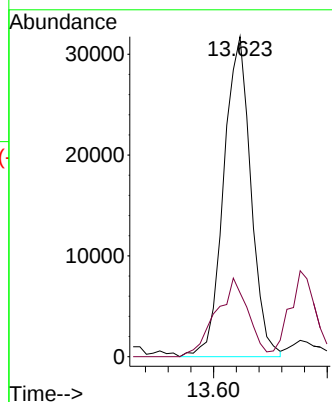
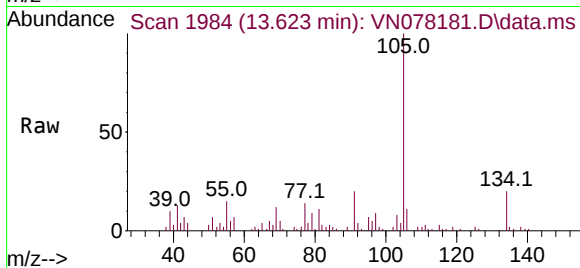




#85
 sec-Butylbenzene
 Concen: 1.505 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078181.D
 Acq: 13 Jun 2023 13:12

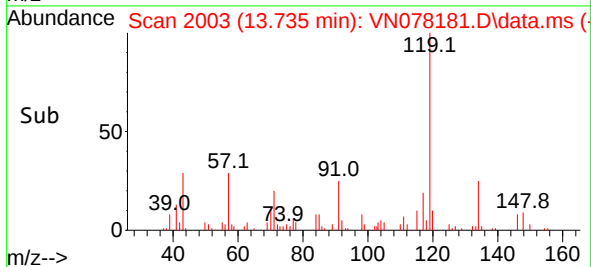
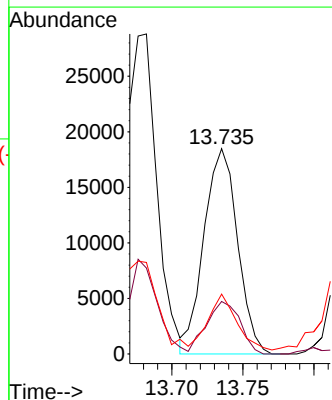
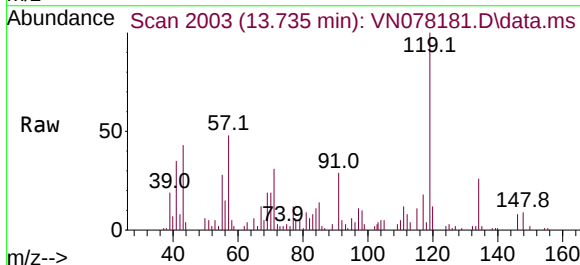
Instrument :
 MSVOA_N
 ClientSampleId :

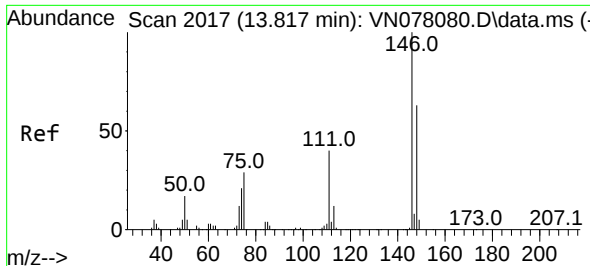
Tgt Ion:105 Resp: 52676
 Ion Ratio Lower Upper
 105 100
 134 29.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 1.071 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078181.D
 Acq: 13 Jun 2023 13:12

Tgt Ion:119 Resp: 30436
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 22.9 12.4 37.2

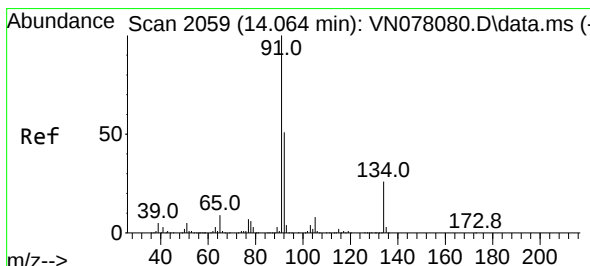
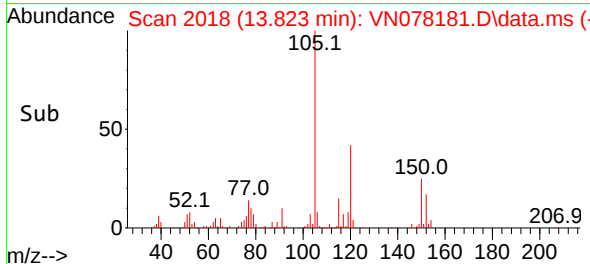
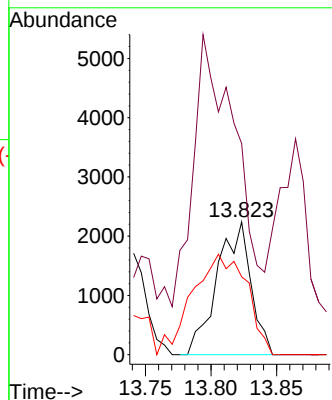
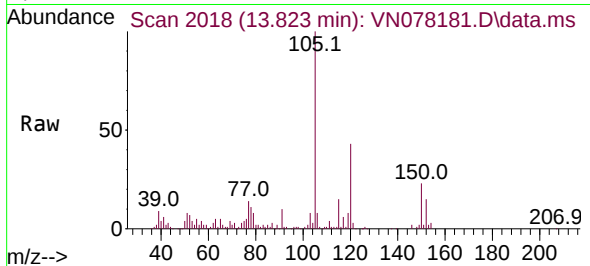




#88
1,4-Dichlorobenzene
Concen: 0.279 ug/l
RT: 13.823 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

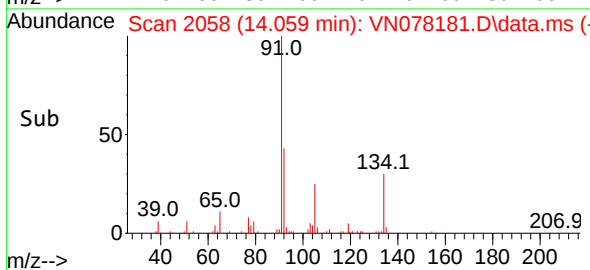
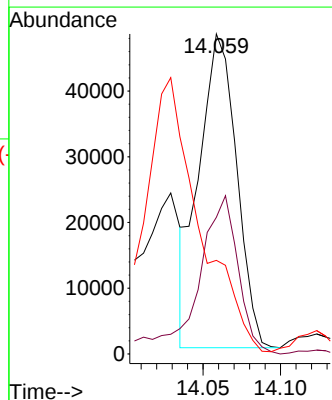
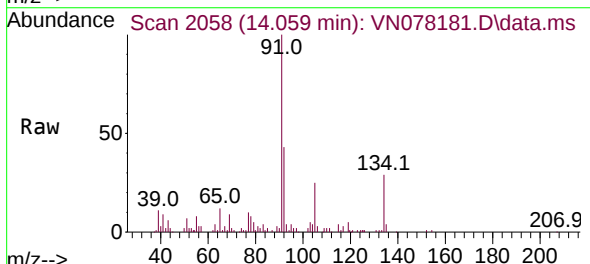
Instrument :
MSVOA_N
ClientSampleId :

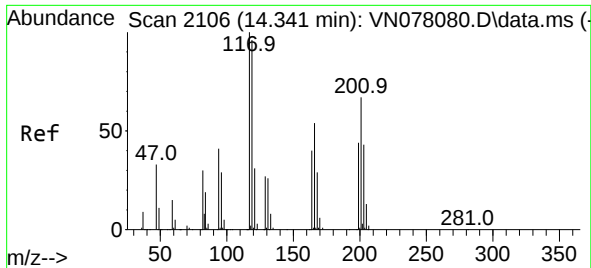
Tgt Ion:146 Resp: 4017
Ion Ratio Lower Upper
146 100
111 0.0 20.6 61.8#
148 0.0 31.6 94.8#



#89
n-Butylbenzene
Concen: 3.583 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion: 91 Resp: 80279
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 0.0 12.6 37.6#

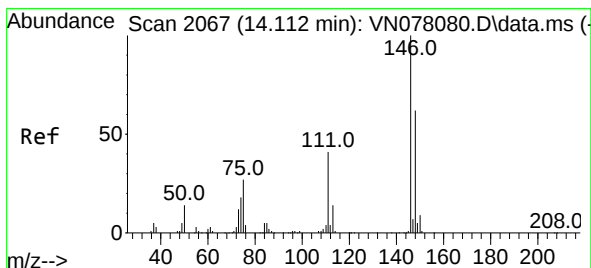
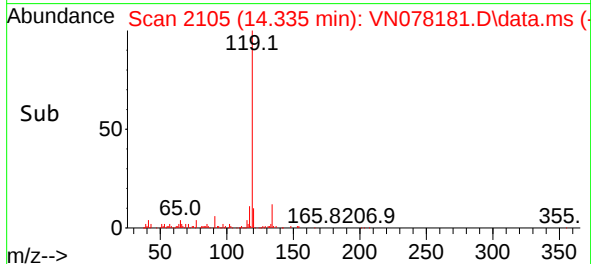
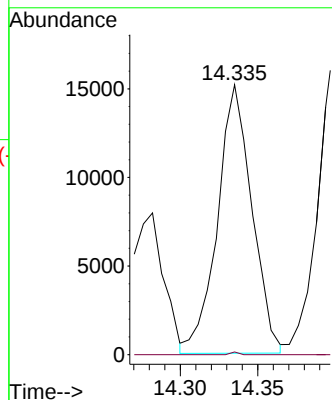
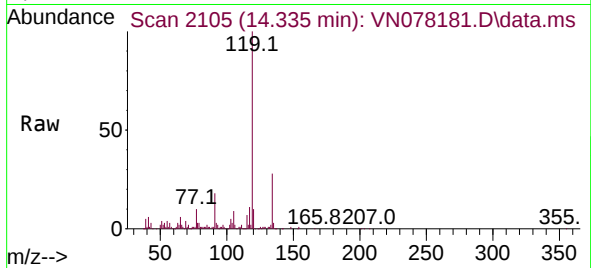




#90
Hexachloroethane
Concen: 4.639 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

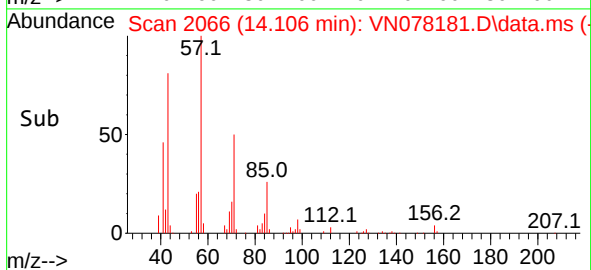
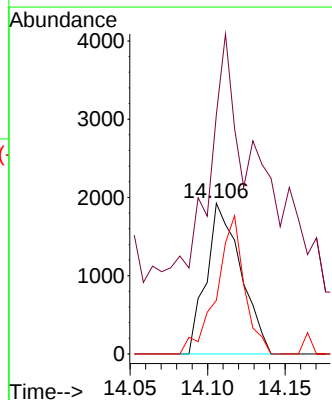
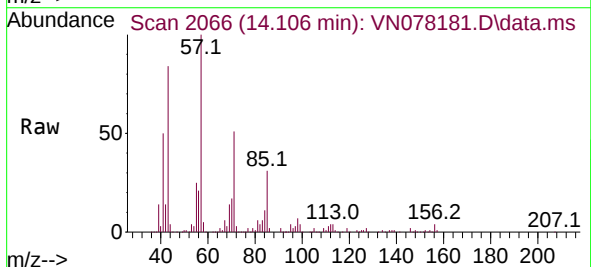
Instrument :
MSVOA_N
ClientSampleId :

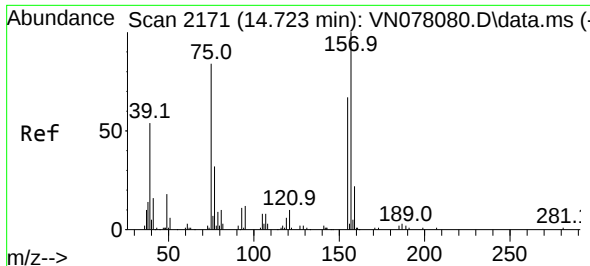
Tgt Ion:117 Resp: 23384
Ion Ratio Lower Upper
117 100
201 0.2 29.3 88.0#



#91
1,2-Dichlorobenzene
Concen: 0.204 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN078181.D
Acq: 13 Jun 2023 13:12

Tgt Ion:146 Resp: 2979
Ion Ratio Lower Upper
146 100
111 111.9 22.0 66.0#
148 73.6 31.8 95.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.156 ug/l

RT: 14.700 min Scan# 2176

Delta R.T. -0.024 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

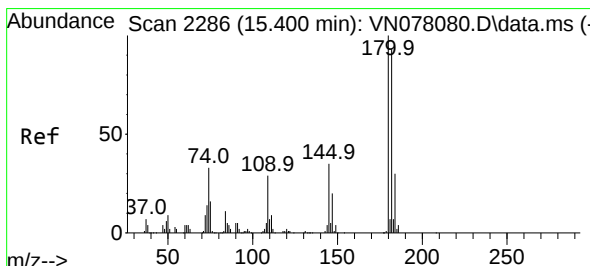
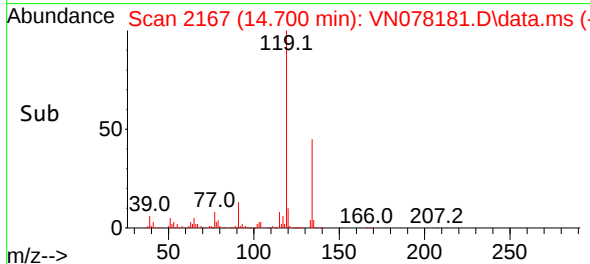
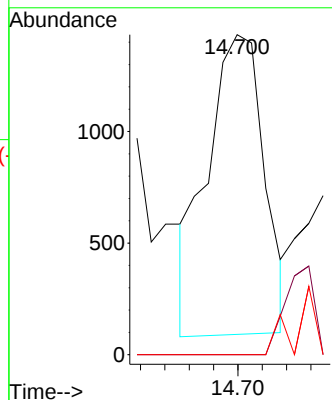
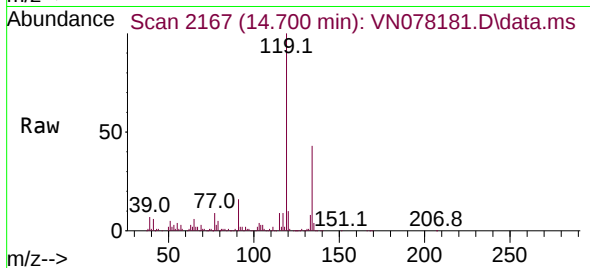
Tgt Ion: 75 Resp: 2176

Ion Ratio Lower Upper

75 100

155 0.0 39.1 117.2#

157 0.0 50.3 150.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.855 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.006 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

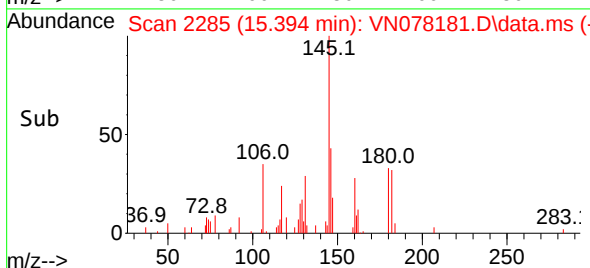
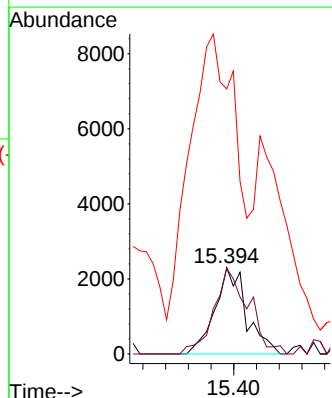
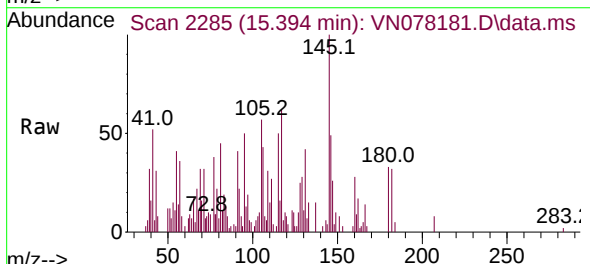
Tgt Ion: 180 Resp: 4442

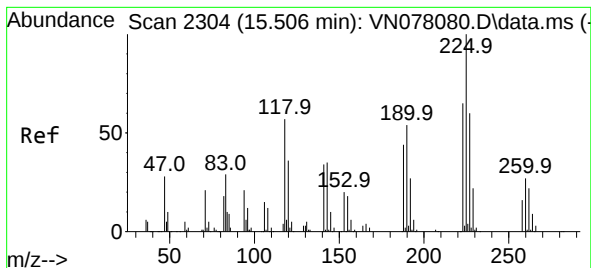
Ion Ratio Lower Upper

180 100

182 109.2 46.1 138.2

145 561.7 16.6 49.8#





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.506 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN078181.D

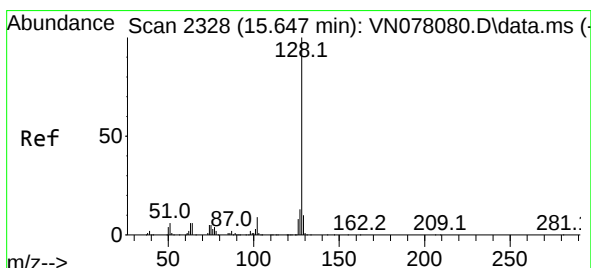
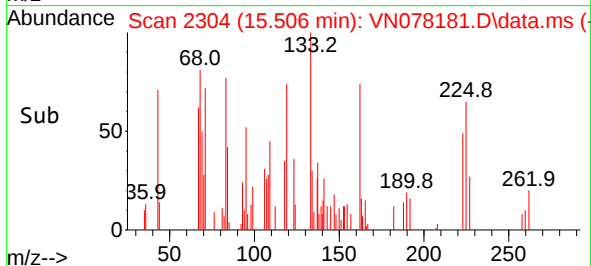
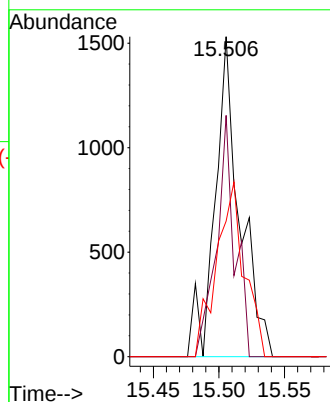
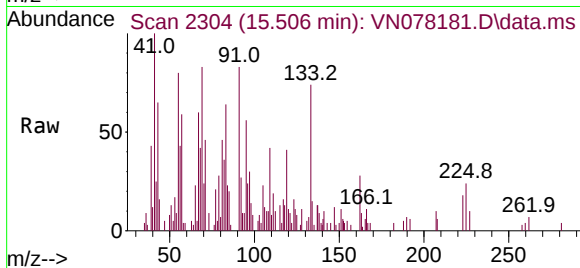
Acq: 13 Jun 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	225	Resp:	2019
Ion Ratio	Lower	Upper	
225	100		
223	55.6	31.3	93.8
227	61.1	31.9	95.9



#95

Naphthalene

Concen: 5.344 ug/l

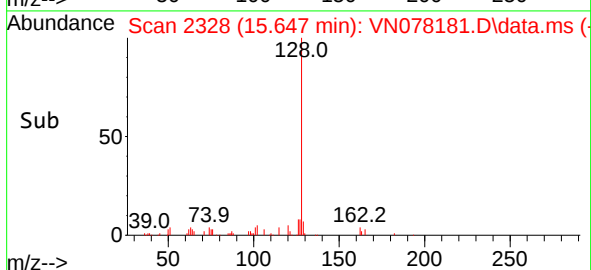
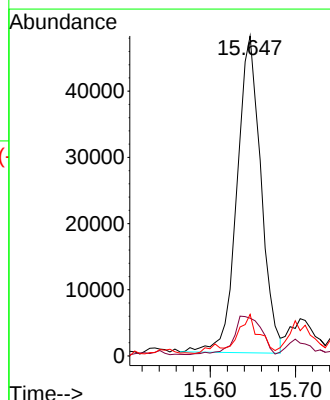
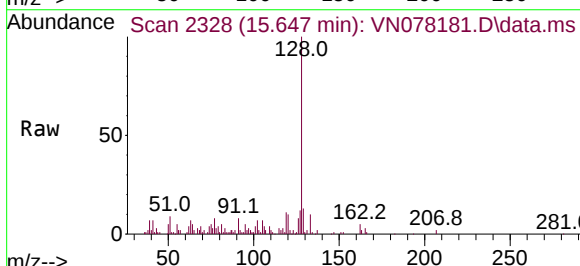
RT: 15.647 min Scan# 2328

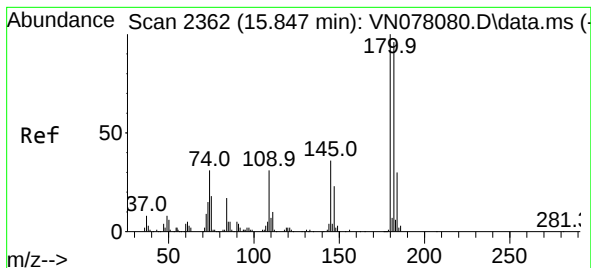
Delta R.T. -0.000 min

Lab File: VN078181.D

Acq: 13 Jun 2023 13:12

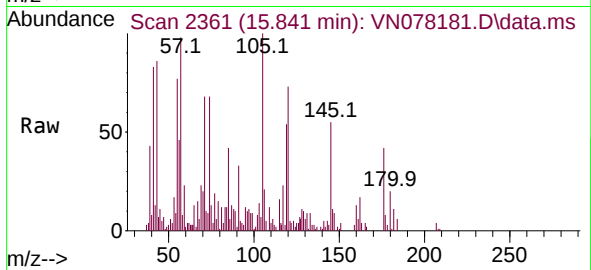
Tgt Ion:	128	Resp:	93403
Ion Ratio	Lower	Upper	
128	100		
127	15.5	10.0	15.0#
129	9.7	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.420 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078181.D
 Acq: 13 Jun 2023 13:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 8250
 Ion Ratio Lower Upper
 180 100
 182 51.9 46.2 138.6
 145 261.3 17.5 52.6#

