

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071193.D
 Acq On : 08 Mar 2022 16:29
 Operator : JC\MD
 Sample : N1827-13 10X
 Misc : 1.05g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 09 04:03:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

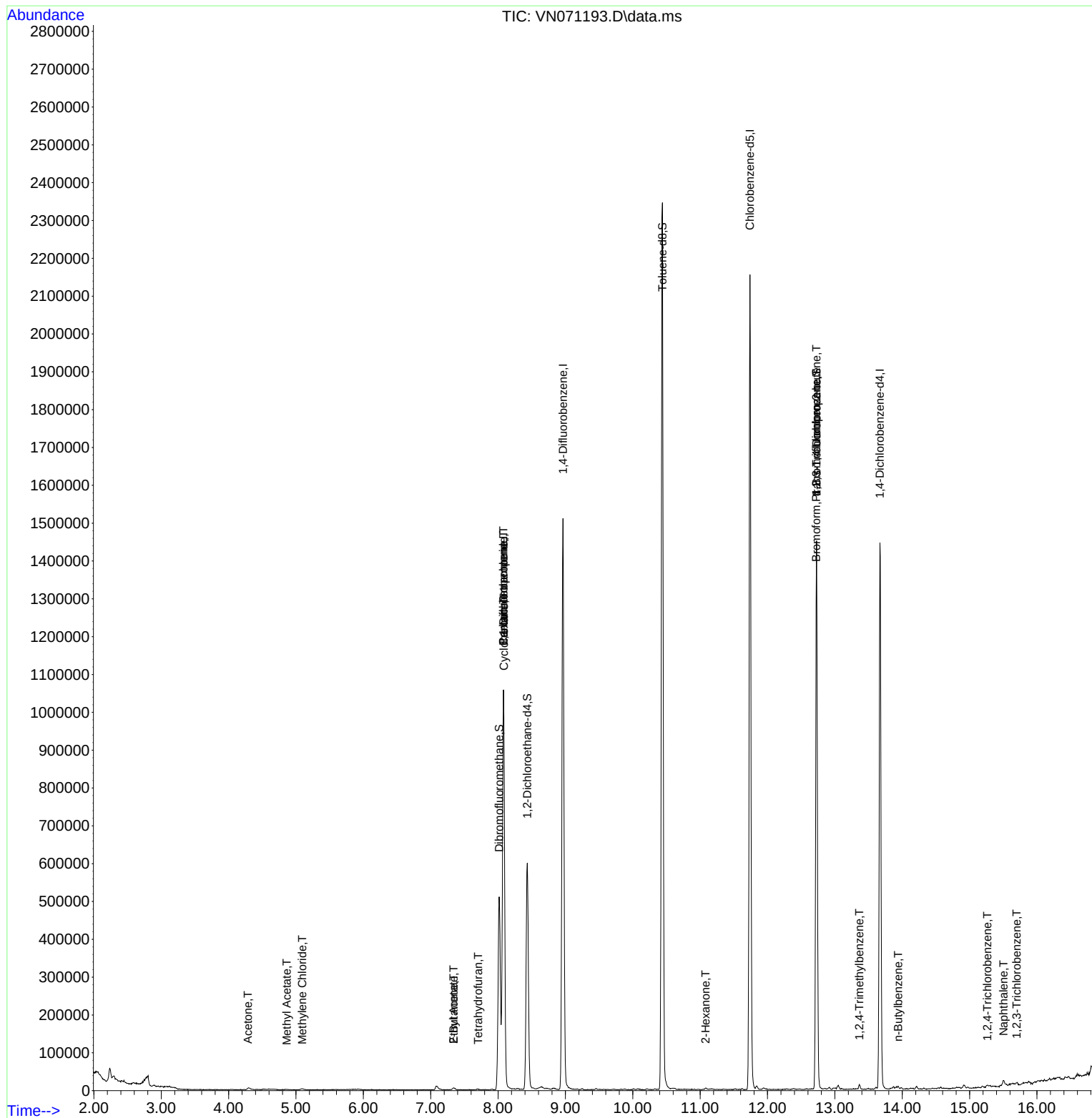
Internal Standards						
1) Pentafluorobenzene	8.081	168	821216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1319164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1240191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	406085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	507553	45.096	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.200%		
35) Dibromofluoromethane	8.016	113	376187	45.191	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.380%		
50) Toluene-d8	10.440	98	1639255	48.909	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.728	95	516961	45.549	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.100%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.828	94	1646	Below Cal	#	68
16) Acetone	4.287	43	2334	0.426	ug/l	92
18) Methyl Acetate	4.863	43	2911	0.666	ug/l #	63
20) Methylene Chloride	5.093	84	2140	0.594	ug/l #	59
25) 2-Butanone	7.340	43	9683	1.098	ug/l	96
29) Tetrahydrofuran	7.704	42	1856	0.304	ug/l #	58
31) Cyclohexane	8.087	56	16929	0.942	ug/l #	9
36) 1,1-Dichloropropene	8.081	75	63947	4.795	ug/l #	49
37) Ethyl Acetate	7.340	43	9683	0.528	ug/l #	68
38) Carbon Tetrachloride	8.081	117	79955	6.198	ug/l #	16
59) 2-Hexanone	11.081	43	4196	0.361	ug/l	83
71) Bromoform	12.722	173	2248	0.303	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.828	83	186	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.728	75	262763	25.304	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	262763	69.947	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.363	105	7474	0.256	ug/l	94
89) n-Butylbenzene	13.939	91	5120	0.230	ug/l #	76
93) 1,2,4-Trichlorobenzene	15.263	180	2107	3.287	ug/l #	89
95) Naphthalene	15.504	128	16332	5.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	2794	3.146	ug/l	90

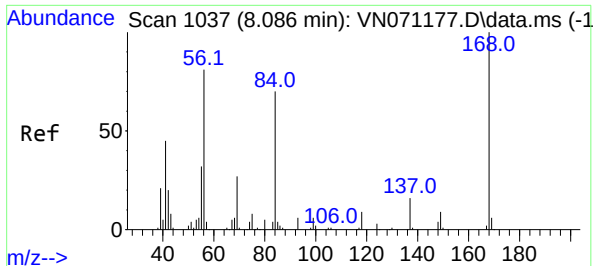
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

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MSVOA_N
ClientSampleId :

Quant Time: Mar 09 04:03:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

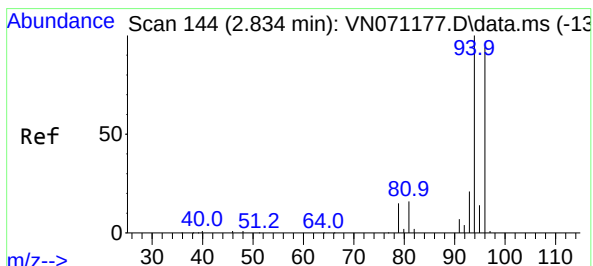
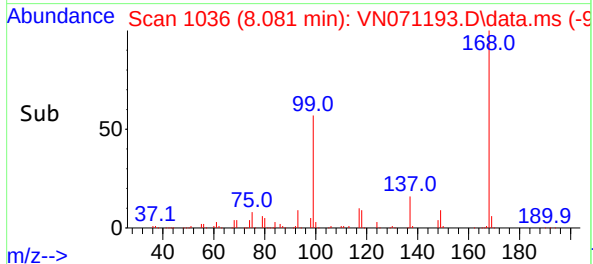
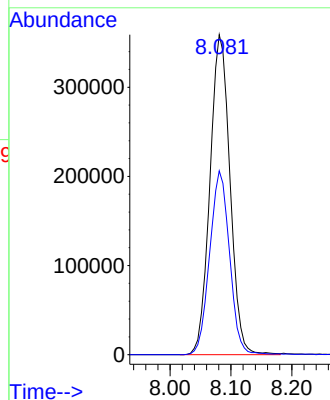
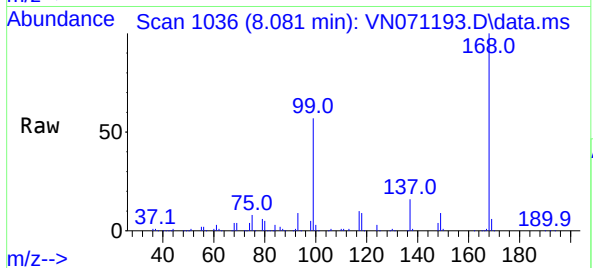




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

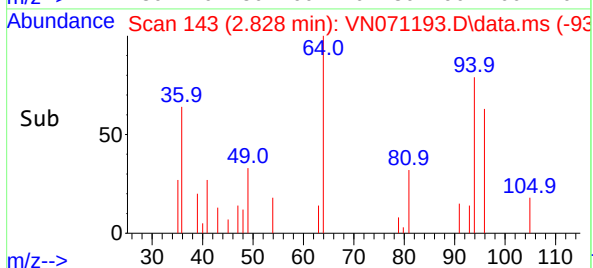
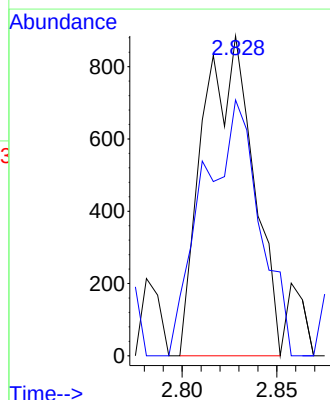
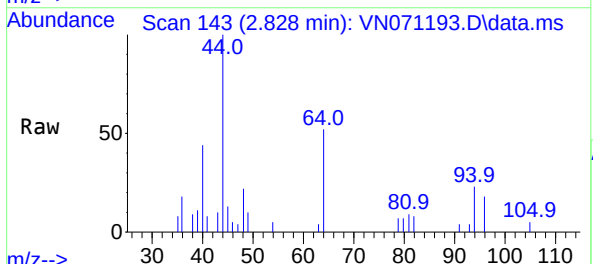
Instrument :
MSVOA_N
ClientSampleId :

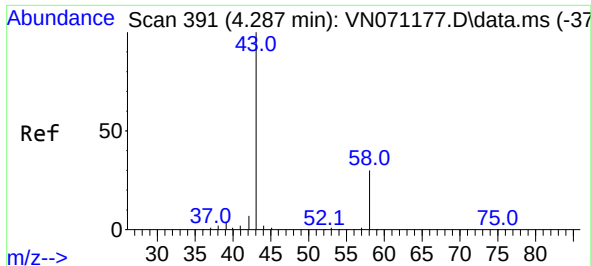
Tgt Ion:168 Resp: 821216
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#5
Bromomethane
Concen: Below Cal
RT: 2.828 min Scan# 143
Delta R.T. -0.006 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 94 Resp: 1646
Ion Ratio Lower Upper
94 100
96 61.6 73.8 110.8#

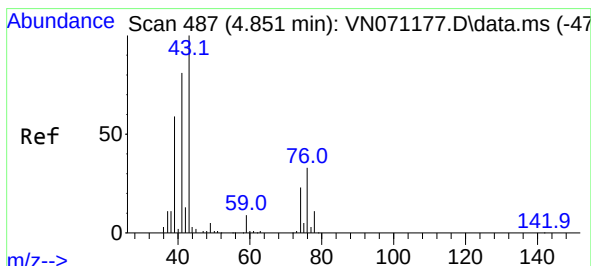
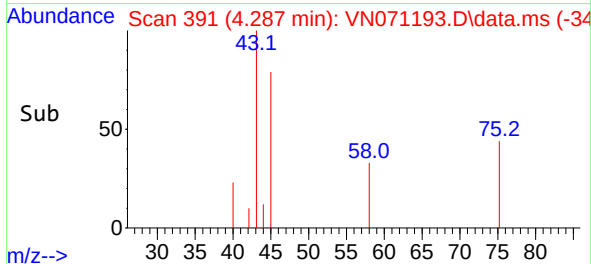
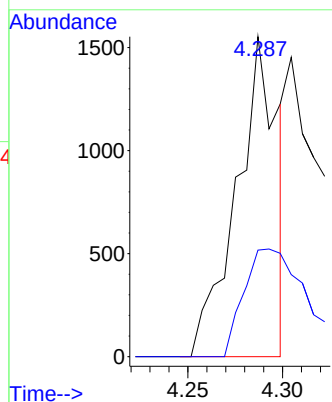
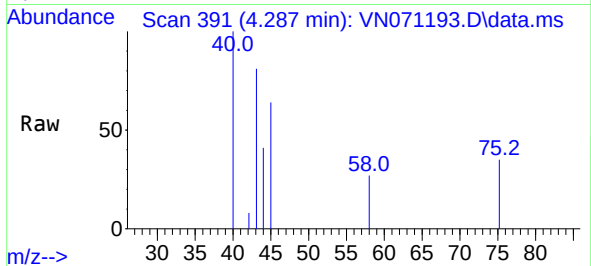




#16
Acetone
Concen: 0.426 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

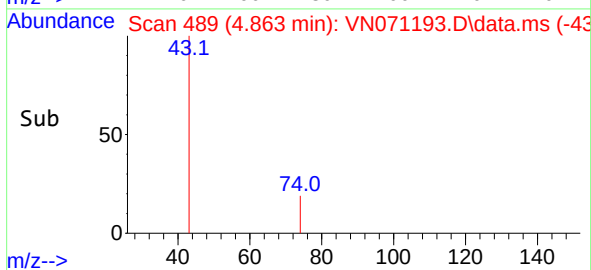
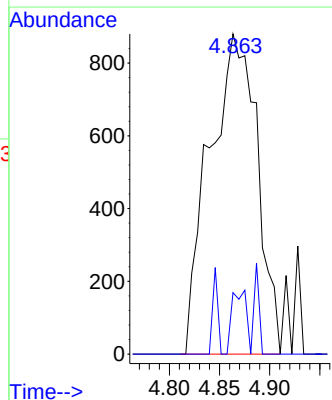
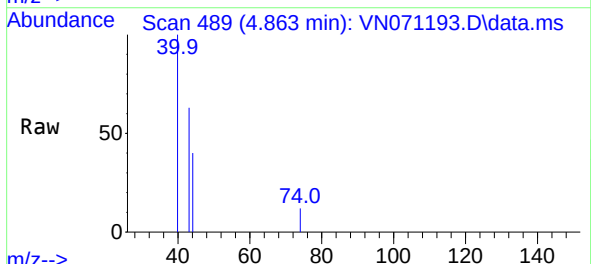
Instrument :
MSVOA_N
ClientSampleId :

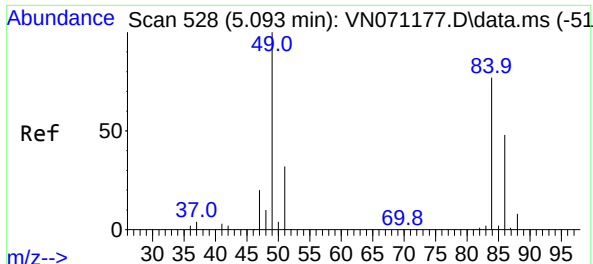
Tgt Ion: 43 Resp: 2334
Ion Ratio Lower Upper
43 100
58 33.3 23.1 34.7



#18
Methyl Acetate
Concen: 0.666 ug/l
RT: 4.863 min Scan# 489
Delta R.T. 0.012 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

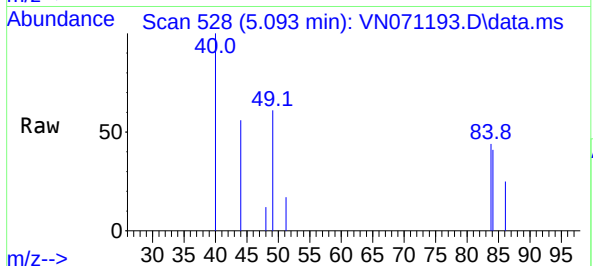
Tgt Ion: 43 Resp: 2911
Ion Ratio Lower Upper
43 100
74 6.0 19.4 29.2#



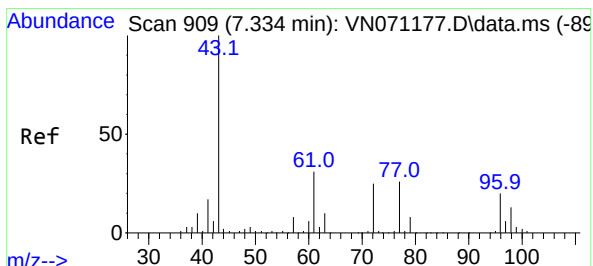
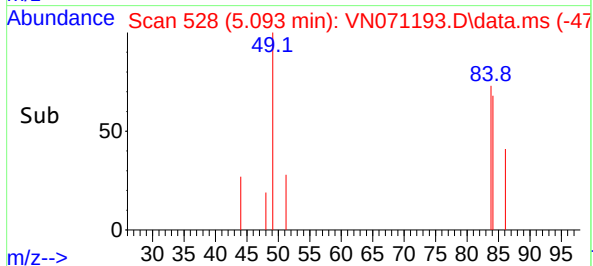
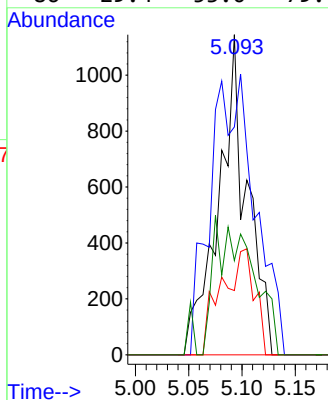


#20
Methylene Chloride
Concen: 0.594 ug/l
RT: 5.093 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :

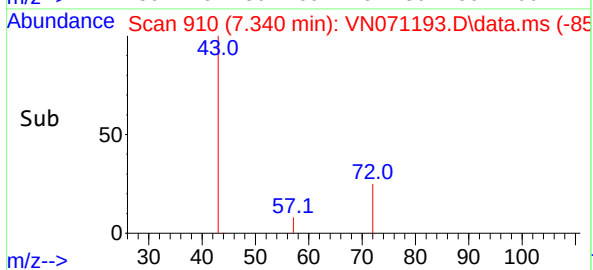
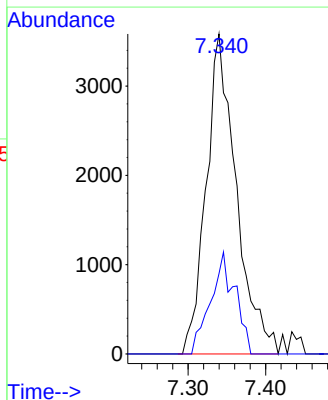
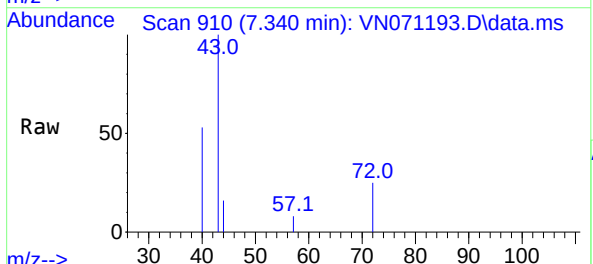


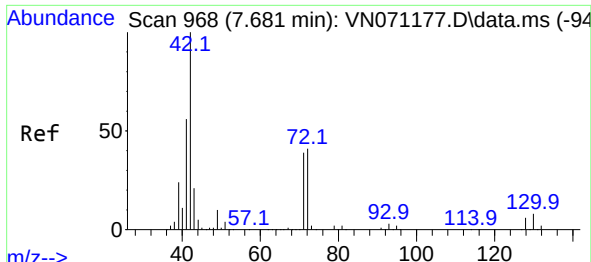
Tgt Ion: 84 Resp: 2140
Ion Ratio Lower Upper
84 100
49 71.2 93.5 140.3#
51 20.1 29.4 44.2#
86 29.4 53.0 79.4#



#25
2-Butanone
Concen: 1.098 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 43 Resp: 9683
Ion Ratio Lower Upper
43 100
72 25.1 21.7 32.5

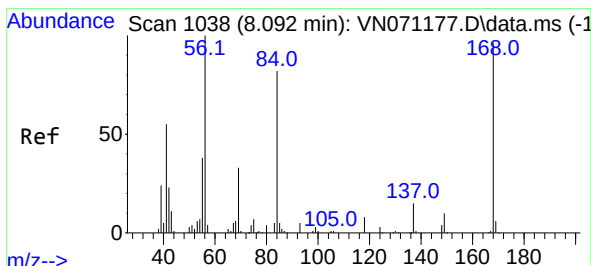
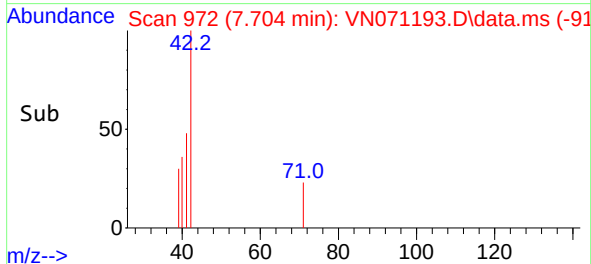
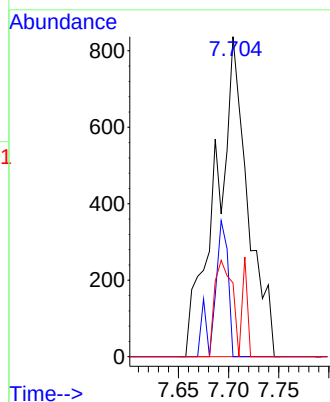
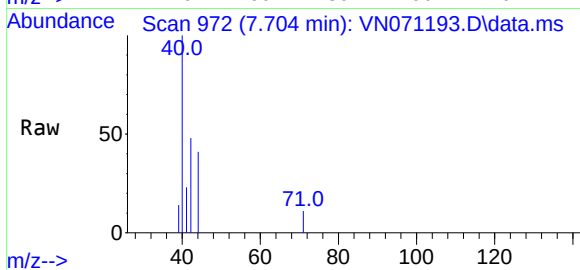




#29
Tetrahydrofuran
Concen: 0.304 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.024 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

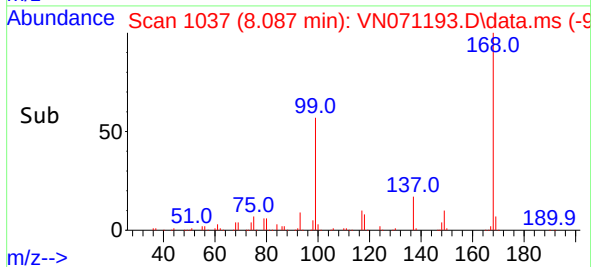
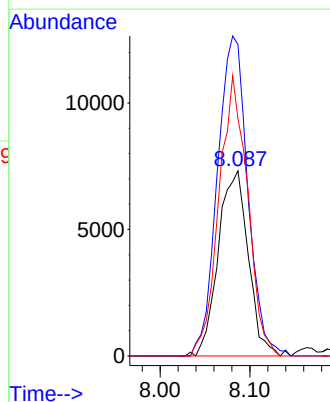
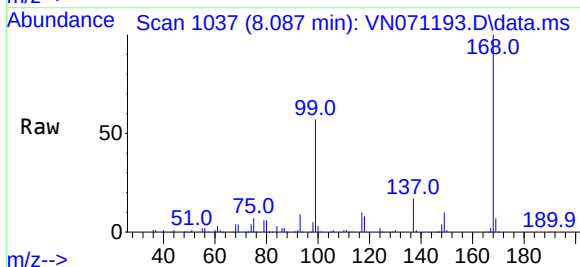
Instrument :
MSVOA_N
ClientSampleId :

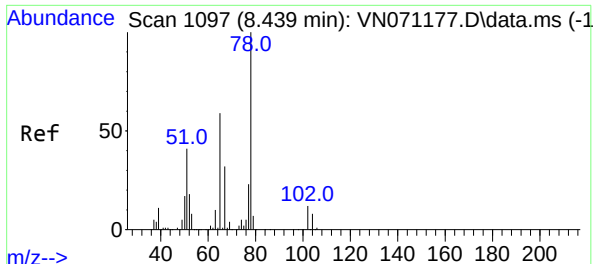
Tgt Ion:	42	Resp:	1856
Ion	Ratio	Lower	Upper
42	100		
72	18.0	36.3	54.5#
71	16.3	34.7	52.1#



#31
Cyclohexane
Concen: 0.942 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion:	56	Resp:	16929
Ion	Ratio	Lower	Upper
56	100		
69	168.3	27.1	40.7#
84	128.1	73.4	110.0#

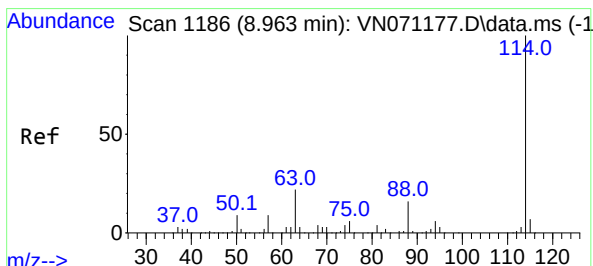
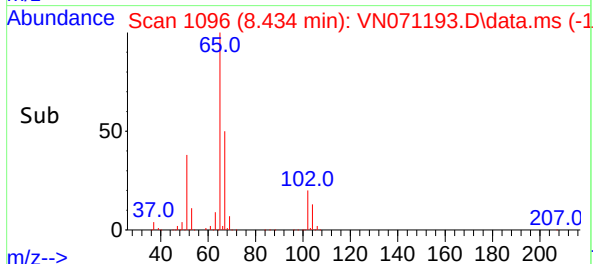
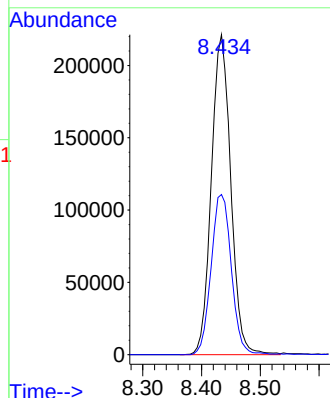
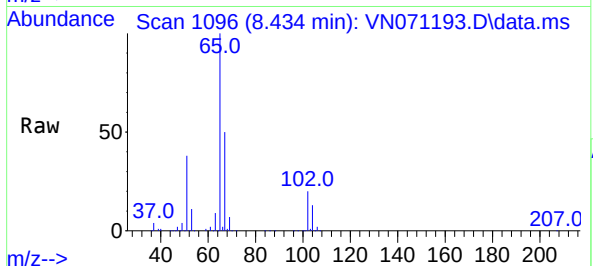




#33
1,2-Dichloroethane-d4
Concen: 45.096 ug/l
RT: 8.434 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

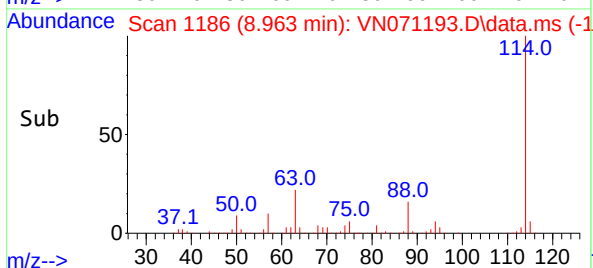
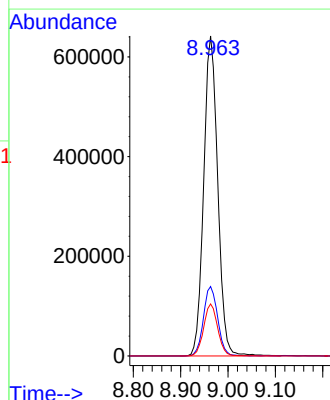
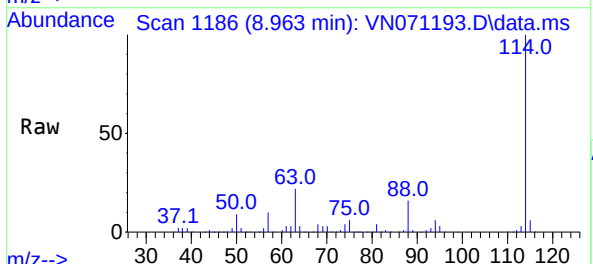
Instrument :
MSVOA_N
ClientSampleId :

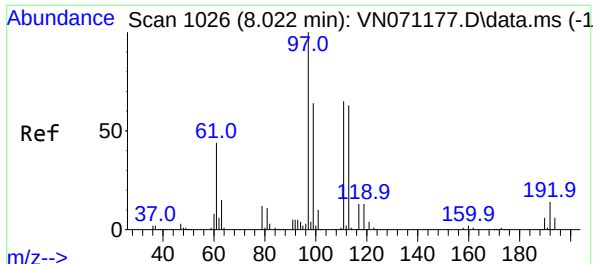
Tgt Ion: 65 Resp: 507553
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

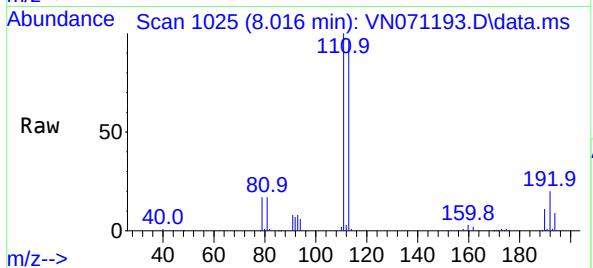
Tgt Ion:114 Resp: 1319164
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 16.2 0.0 27.4



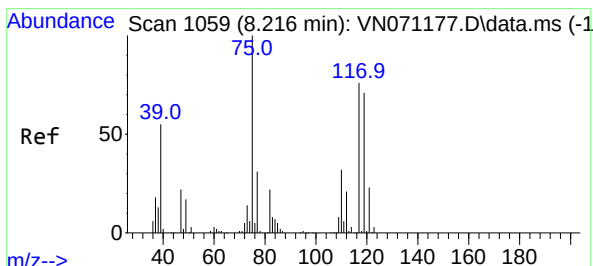
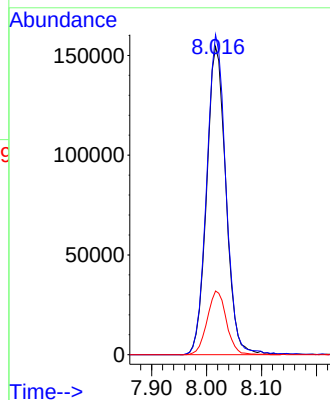
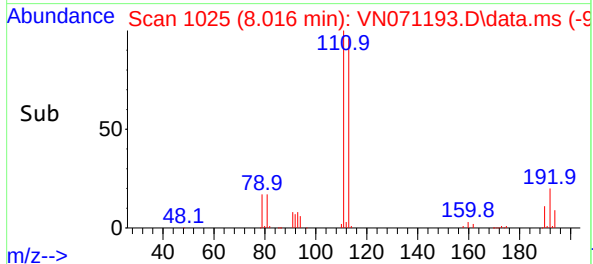


#35
Dibromofluoromethane
Concen: 45.191 ug/l
RT: 8.016 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :

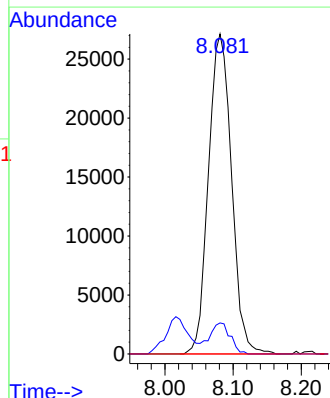
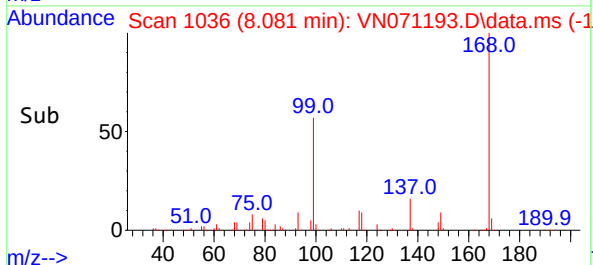
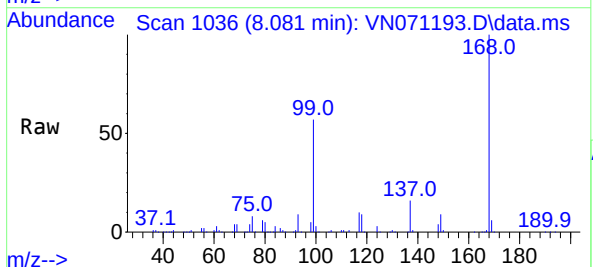


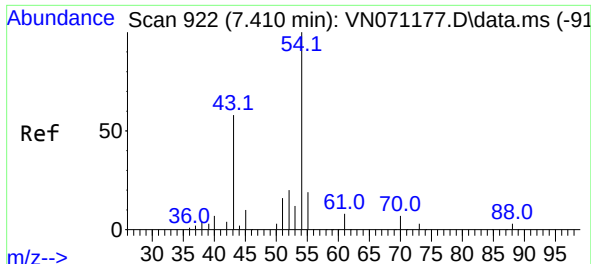
Tgt Ion:113 Resp: 376187
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

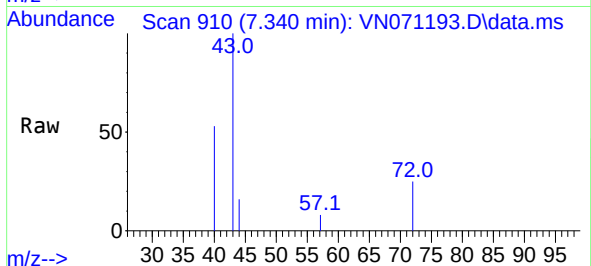
Tgt Ion: 75 Resp: 63947
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



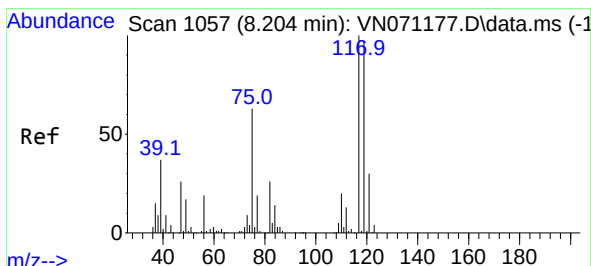
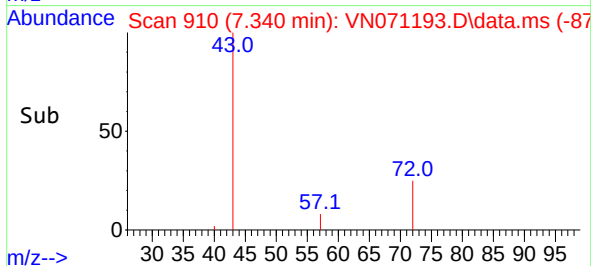
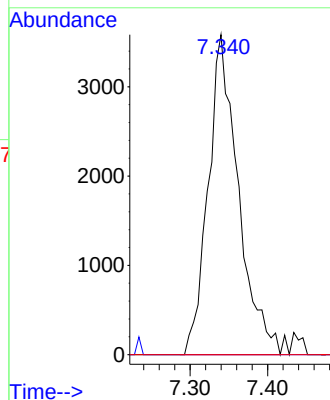


#37
Ethyl Acetate
Concen: 0.528 ug/l
RT: 7.340 min Scan# 91
Delta R.T. -0.070 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :

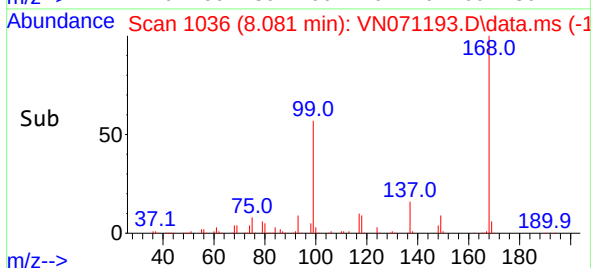
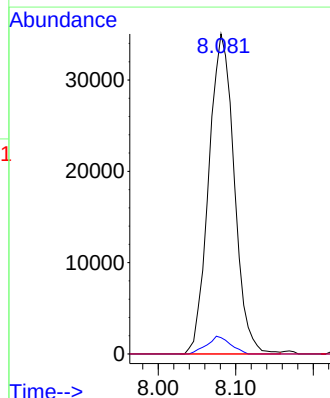
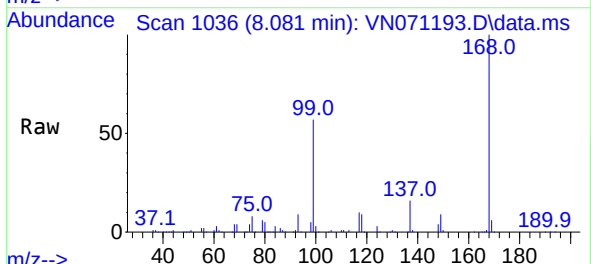


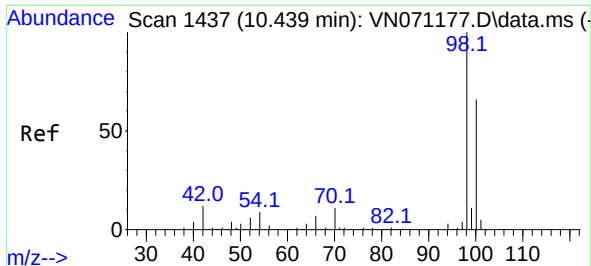
Tgt Ion: 43 Resp: 9683
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 6.198 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 117 Resp: 79955
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#

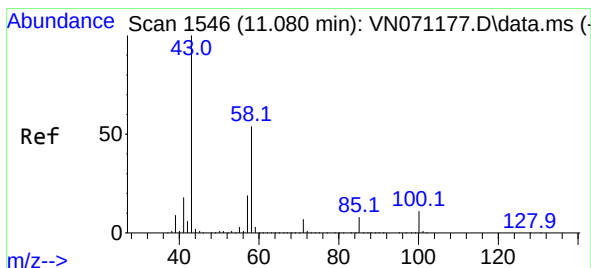
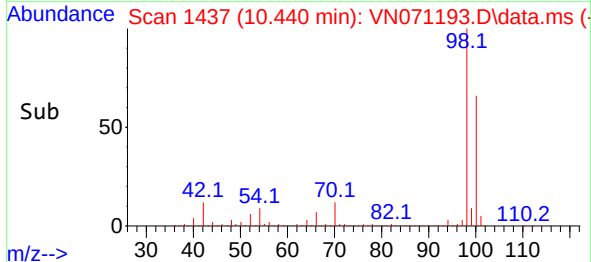
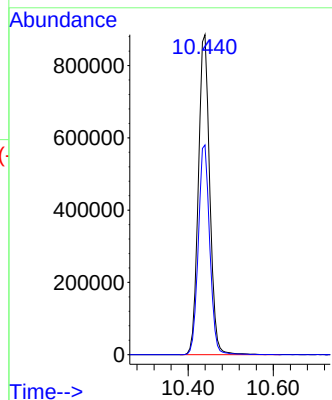
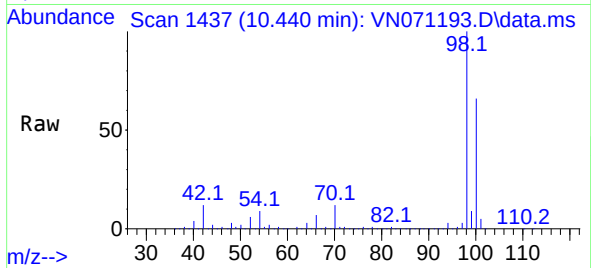




#50
Toluene-d8
Concen: 48.909 ug/l
RT: 10.440 min Scan# 1437
Delta R.T. 0.001 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

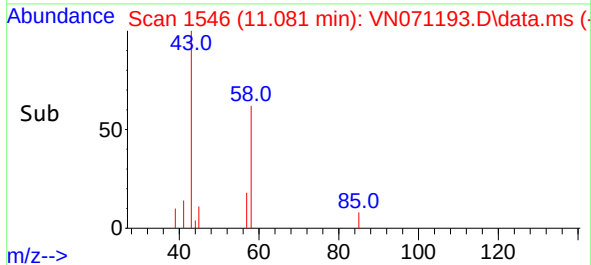
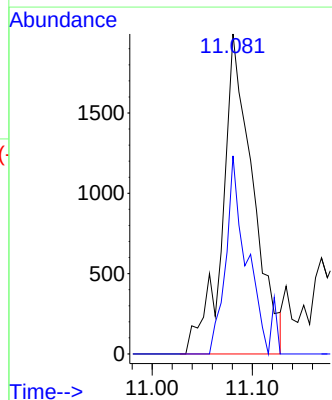
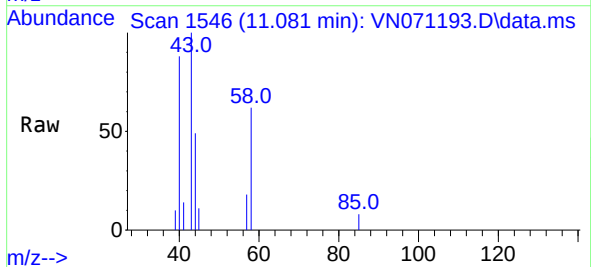
Instrument :
MSVOA_N
ClientSampleId :

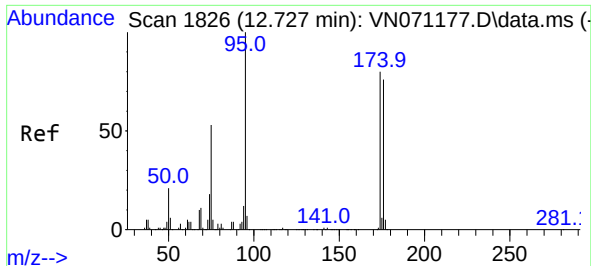
Tgt Ion: 98 Resp: 1639255
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6



#59
2-Hexanone
Concen: 0.361 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.001 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 43 Resp: 4196
Ion Ratio Lower Upper
43 100
58 41.3 26.9 80.7

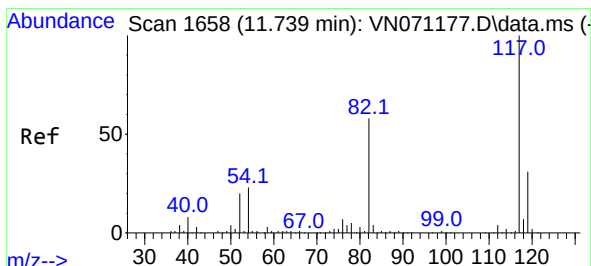
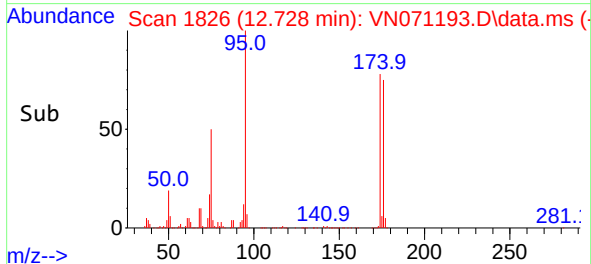
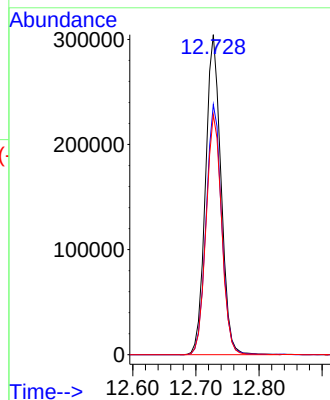
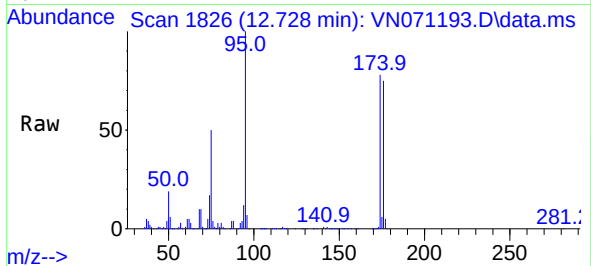




#62
4-Bromofluorobenzene
Concen: 45.549 ug/l
RT: 12.728 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

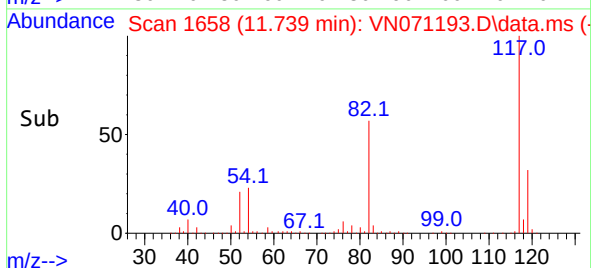
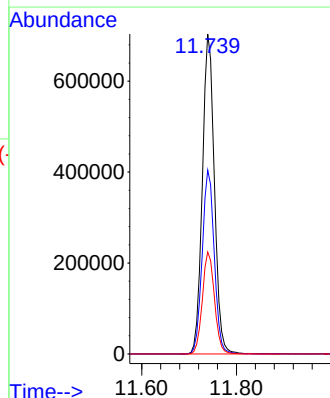
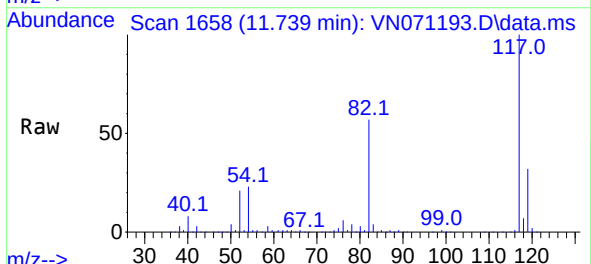
Instrument :
MSVOA_N
ClientSampleId :

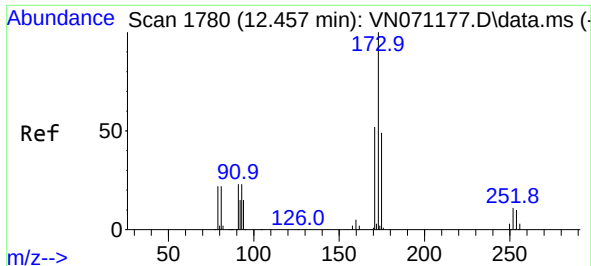
Tgt Ion: 95 Resp: 516961
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 75.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 117 Resp: 1240191
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.9 25.4 38.2

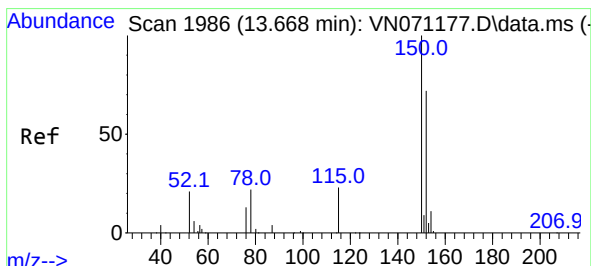
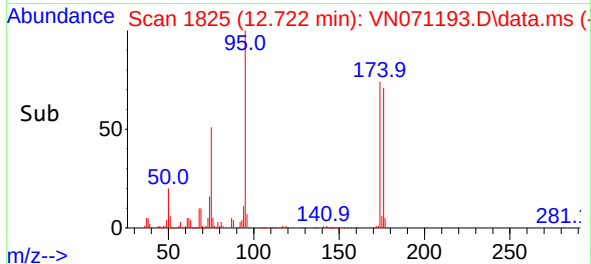
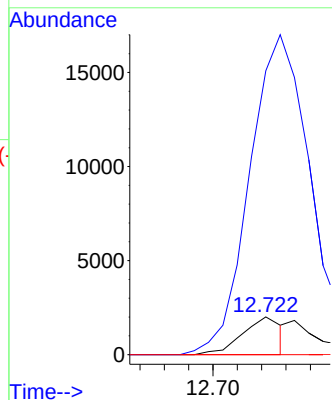
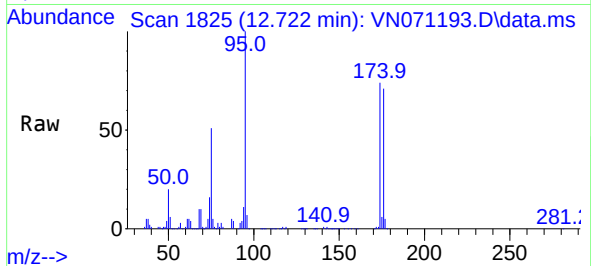




#71
Bromoform
Concen: 0.303 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.265 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

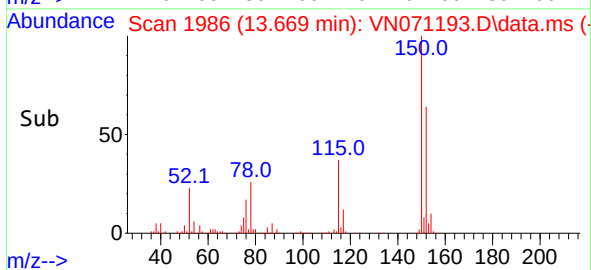
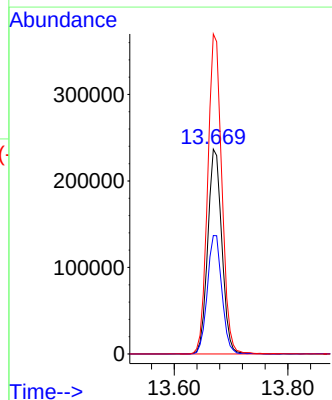
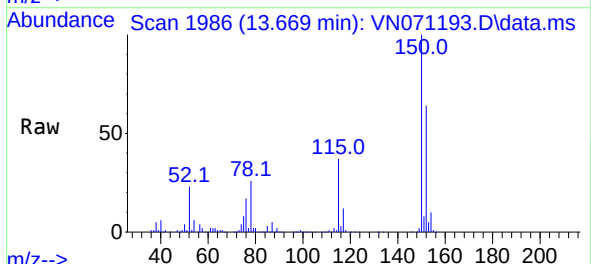
Instrument :
MSVOA_N
ClientSampleId :

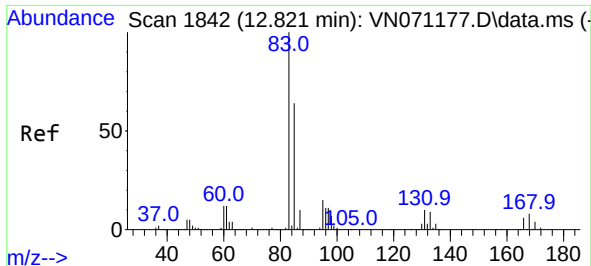
Tgt Ion:173 Resp: 2248
Ion Ratio Lower Upper
173 100
175 1014.1 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion:152 Resp: 406085
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 156.6 0.0 344.4

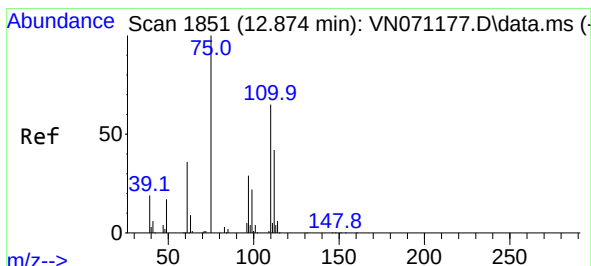
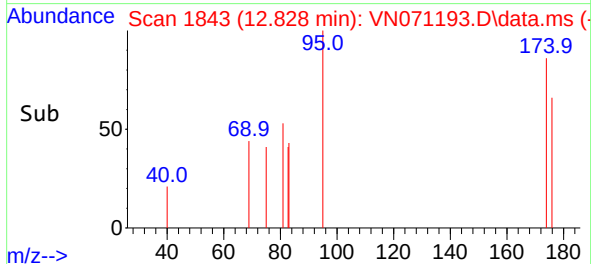
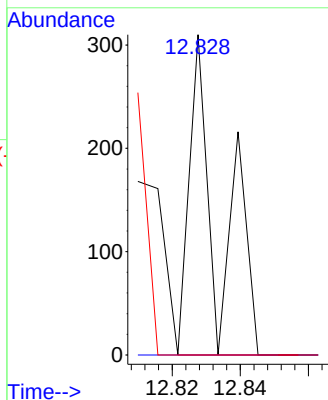
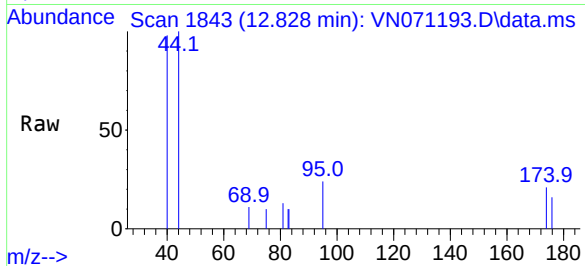




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.828 min Scan# 1842
Delta R.T. 0.007 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

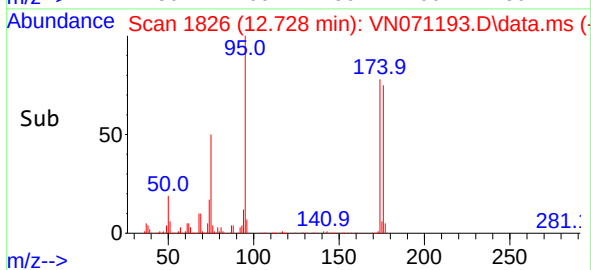
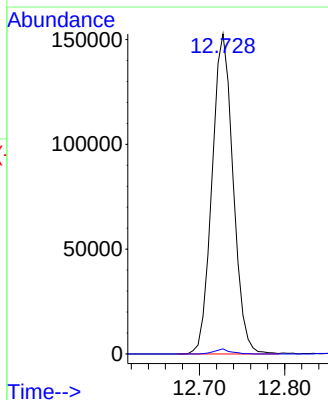
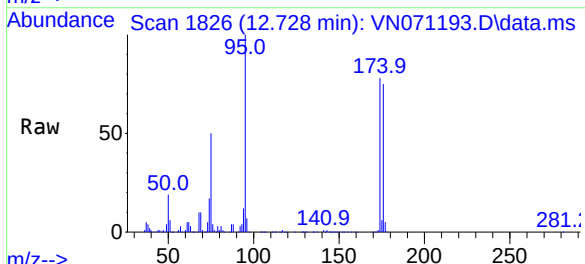
Instrument :
MSVOA_N
ClientSampleId :

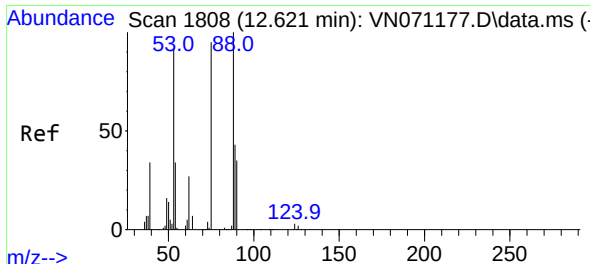
Tgt Ion: 83 Resp: 186
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 25.304 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. -0.146 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 75 Resp: 262763
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

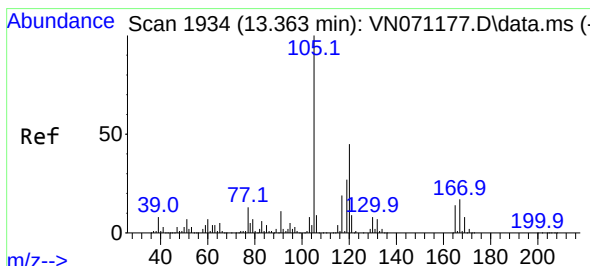
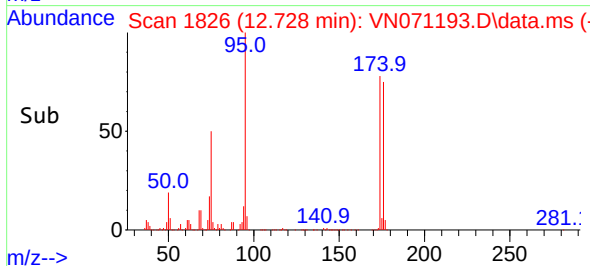
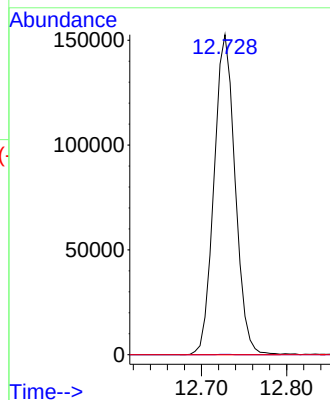
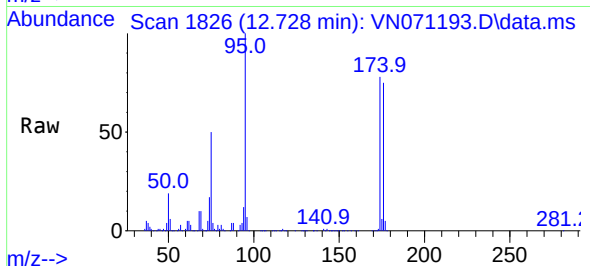




#81
trans-1,4-Dichloro-2-butene
Concen: 69.947 ug/l
RT: 12.728 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

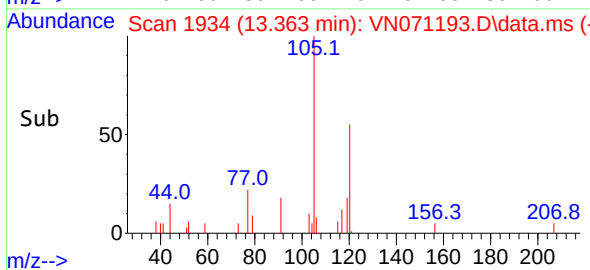
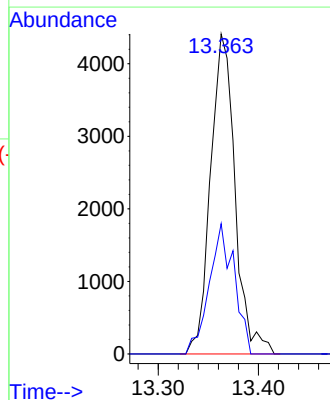
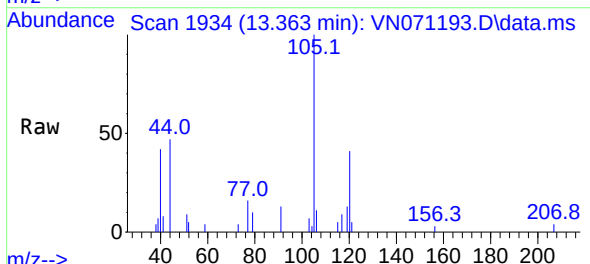
Instrument :
MSVOA_N
ClientSampleId :

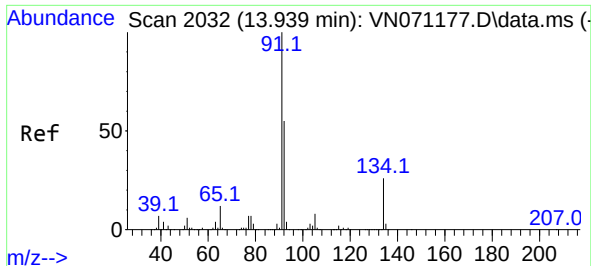
Tgt Ion: 75 Resp: 262763
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 0.256 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 105 Resp: 7474
Ion Ratio Lower Upper
105 100
120 41.5 22.8 68.4

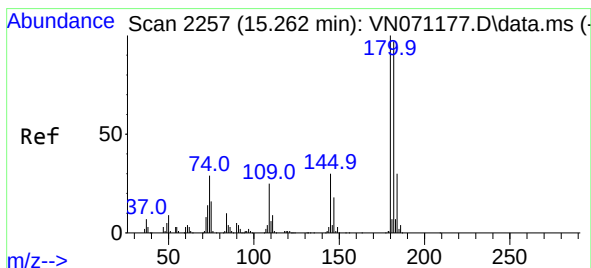
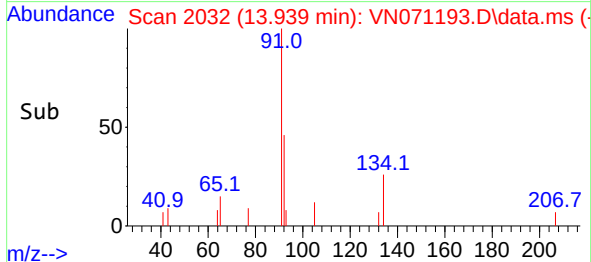
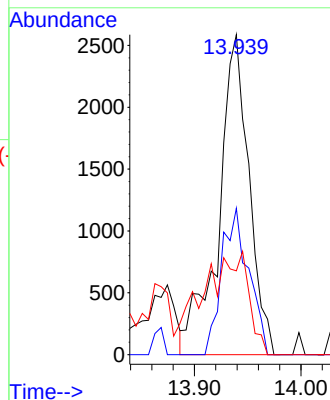
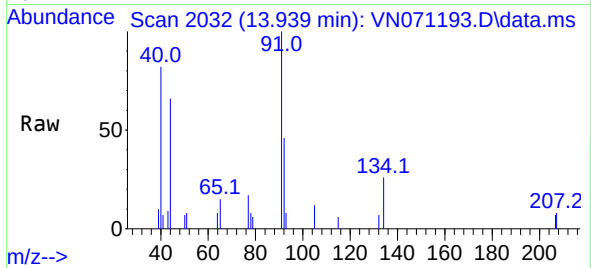




#89
n-Butylbenzene
Concen: 0.230 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

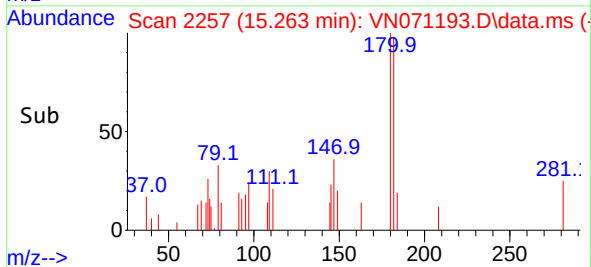
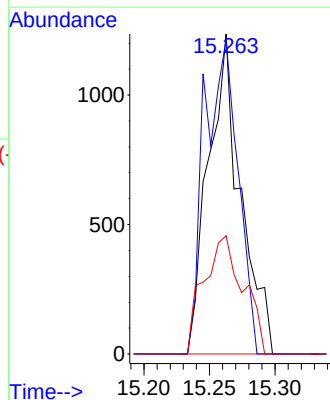
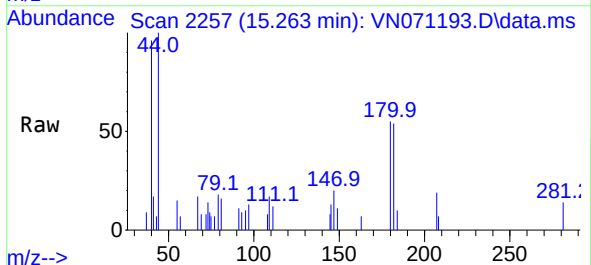
Instrument :
MSVOA_N
ClientSampleId :

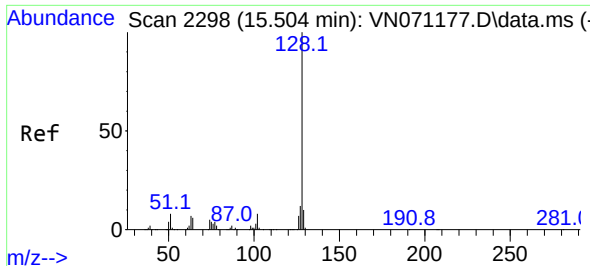
Tgt Ion: 91 Resp: 5120
Ion Ratio Lower Upper
91 100
92 40.7 25.4 76.0
134 48.7 13.6 40.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.287 ug/l
RT: 15.263 min Scan# 2257
Delta R.T. 0.001 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 180 Resp: 2107
Ion Ratio Lower Upper
180 100
182 101.9 48.3 144.9
145 45.6 14.5 43.5#

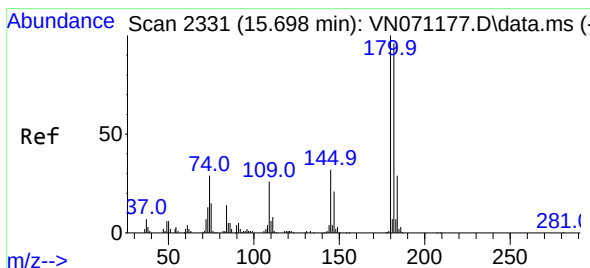
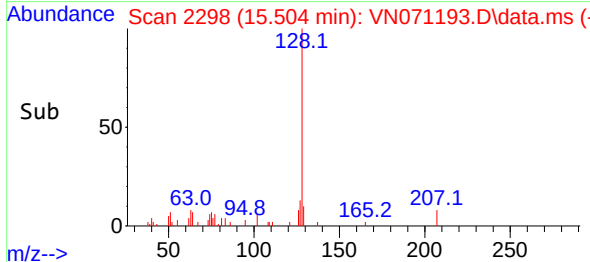
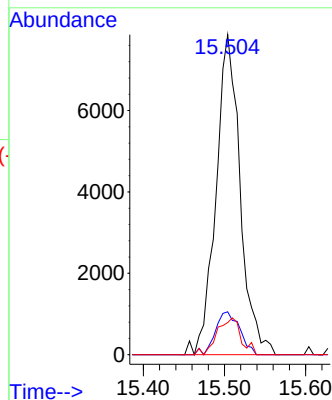
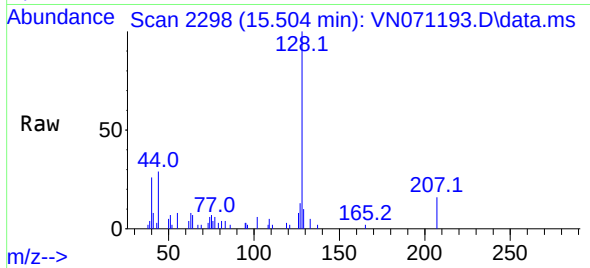




#95
Naphthalene
Concen: 5.856 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	16332
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.3	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.146 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion:	180	Resp:	2794
Ion	Ratio	Lower	Upper
180	100		
182	83.3	47.4	142.2
145	33.3	15.0	45.1

