

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071793.D
 Acq On : 02 Apr 2022 08:11
 Operator : JC\MD
 Sample : N2200-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-35

Quant Time: Apr 02 08:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

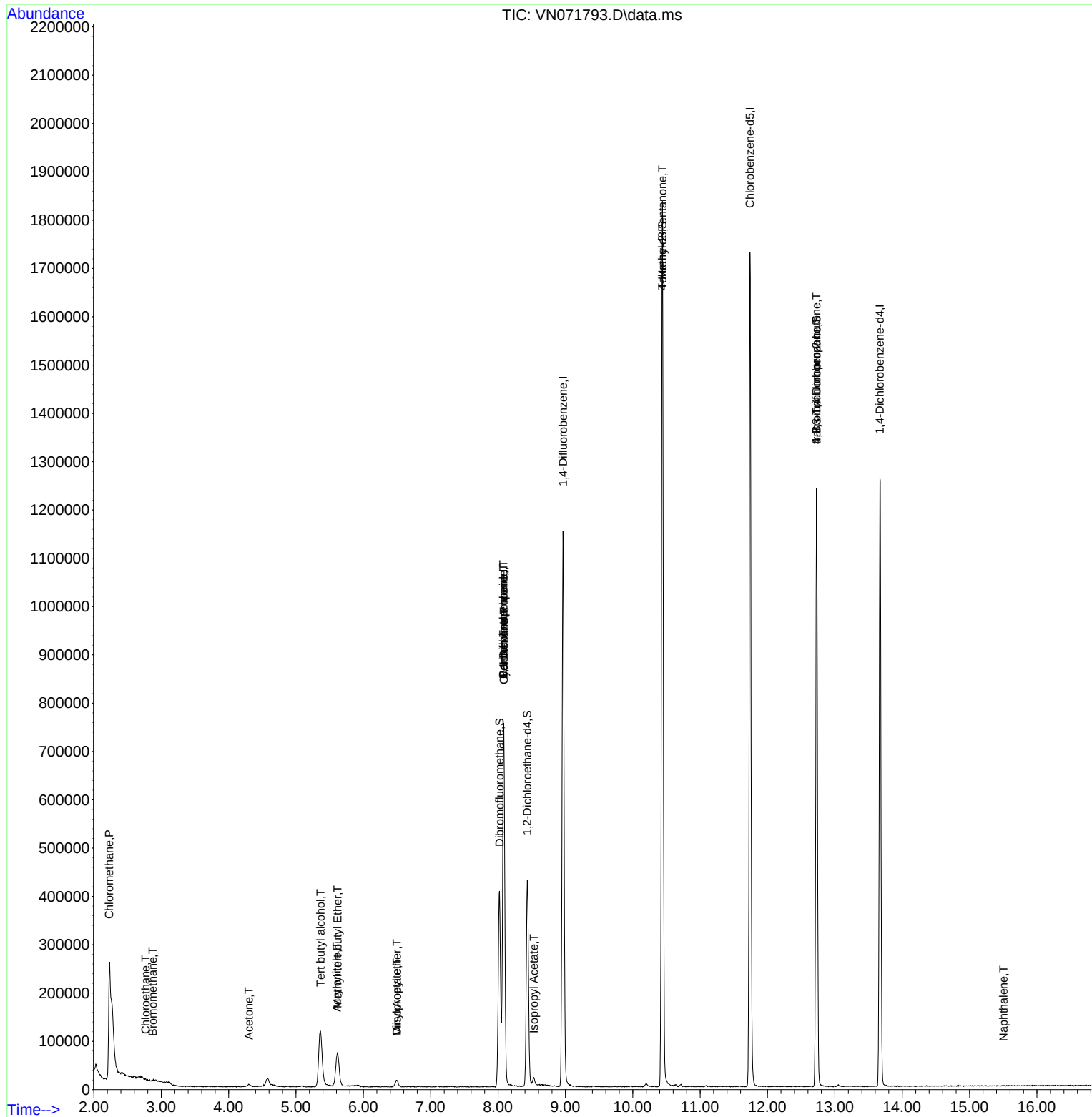
Internal Standards						
1) Pentafluorobenzene	8.081	168	620331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1070389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1091120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	378284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	364534	51.475	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.940%	
35) Dibromofluoromethane	8.022	113	303647	48.208	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.420%	
50) Toluene-d8	10.439	98	1338156	51.935	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.860%	
62) 4-Bromofluorobenzene	12.727	95	447474	53.698	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.228	50	6459	1.034	ug/l #	43
5) Bromomethane	2.875	94	1053	0.236	ug/l #	59
6) Chloroethane	2.769	64	2574	0.521	ug/l #	45
11) Tert butyl alcohol	5.363	59	228236	198.594	ug/l	100
15) Acrylonitrile	5.604	53	1545	0.463	ug/l #	16
16) Acetone	4.299	43	7303	2.413	ug/l	95
18) Methyl Acetate	4.857	43	1427	Below Cal	#	73
19) Methyl tert-butyl Ether	5.616	73	122170	6.423	ug/l	96
22) Diisopropyl ether	6.498	45	17271	0.955	ug/l	95
23) Vinyl Acetate	6.498	43	8902	0.619	ug/l #	68
31) Cyclohexane	8.087	56	10543	1.095	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	42670	4.851	ug/l #	47
38) Carbon Tetrachloride	8.081	117	56327	6.534	ug/l #	17
43) Isopropyl Acetate	8.534	43	3572	0.223	ug/l #	53
51) 4-Methyl-2-Pentanone	10.439	43	4386	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	215969	24.645	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	215969	76.374	ug/l #	10
95) Naphthalene	15.504	128	207	3.814	ug/l #	69

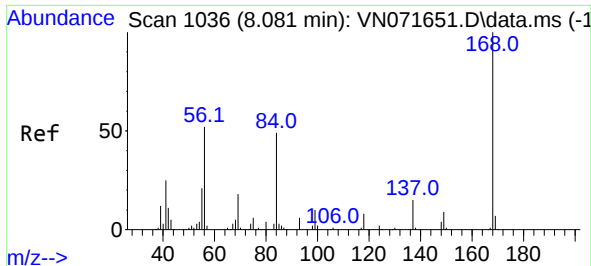
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071793.D
Acq On : 02 Apr 2022 08:11
Operator : JC\MD
Sample : N2200-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-35

Quant Time: Apr 02 08:52:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

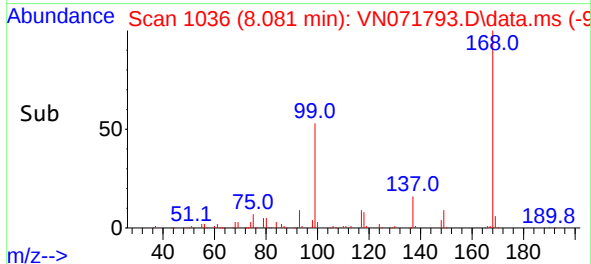
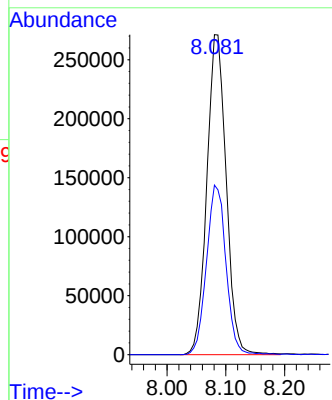
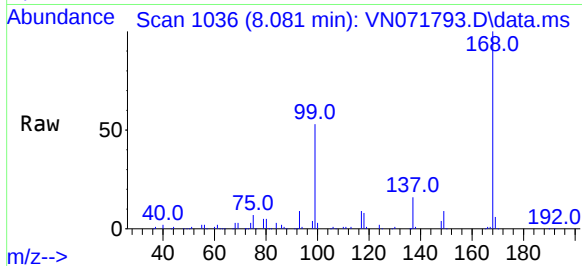




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

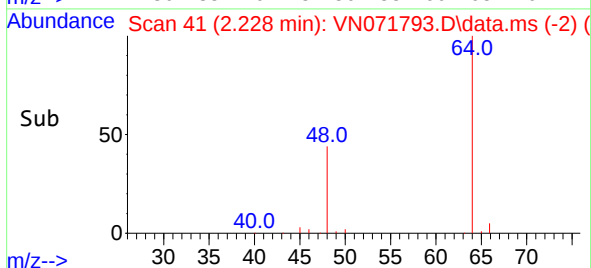
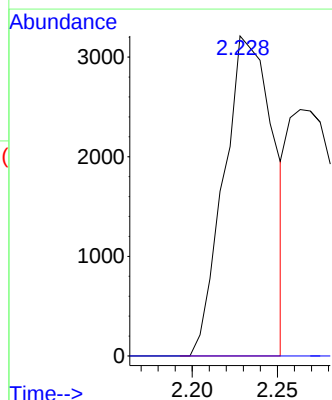
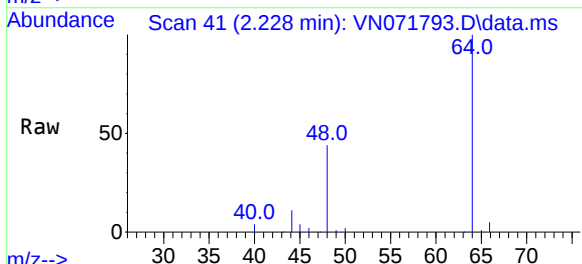
Instrument :
MSVOA_N
ClientSampleId :
MW-35

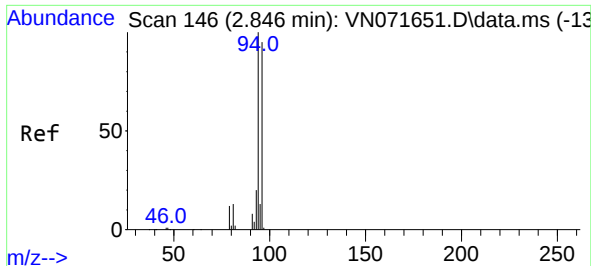
Tgt Ion:168 Resp: 620331
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: 1.034 ug/l
RT: 2.228 min Scan# 41
Delta R.T. -0.071 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 50 Resp: 6459
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

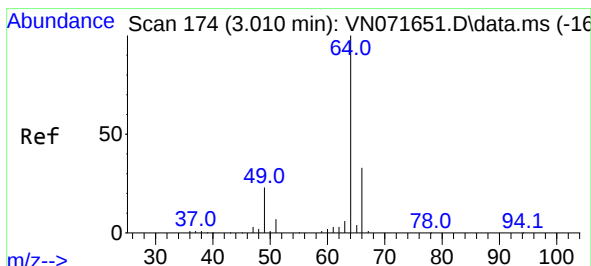
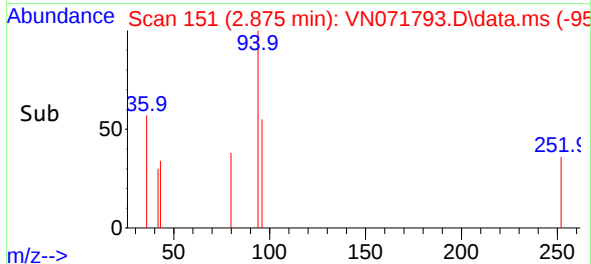
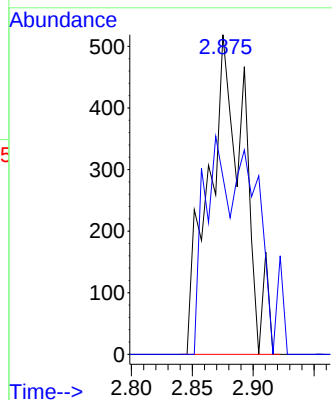
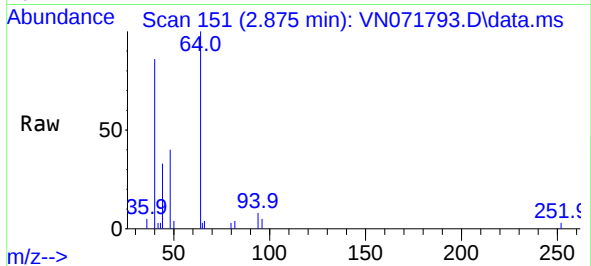




#5
Bromomethane
Concen: 0.236 ug/l
RT: 2.875 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

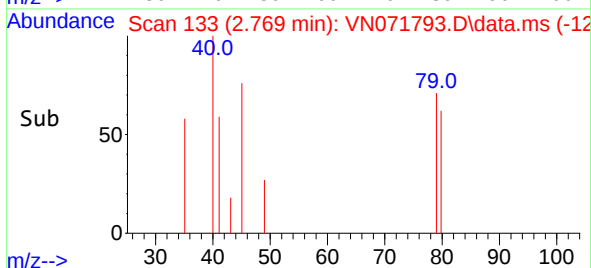
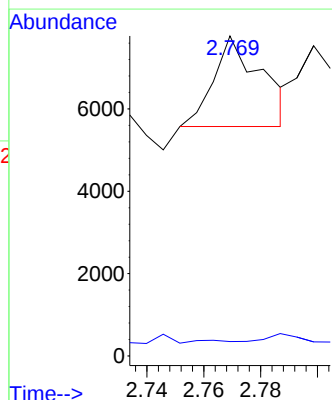
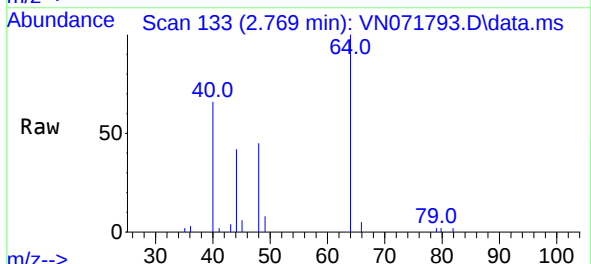
Instrument :
MSVOA_N
ClientSampleId :
MW-35

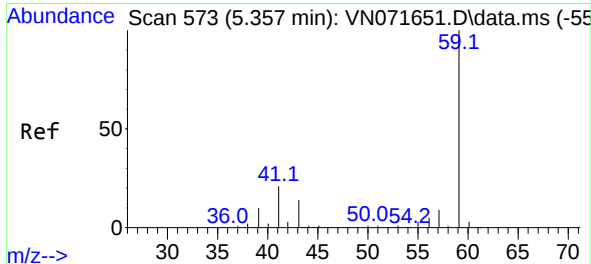
Tgt Ion: 94 Resp: 1053
Ion Ratio Lower Upper
94 100
96 55.5 76.0 114.0#



#6
Chloroethane
Concen: 0.521 ug/l
RT: 2.769 min Scan# 133
Delta R.T. -0.241 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 64 Resp: 2574
Ion Ratio Lower Upper
64 100
66 1.9 26.2 39.4#





#11

Tert butyl alcohol

Concen: 198.594 ug/l

RT: 5.363 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN071793.D

Acq: 02 Apr 2022 08:11

Instrument :

MSVOA_N

ClientSampleId :

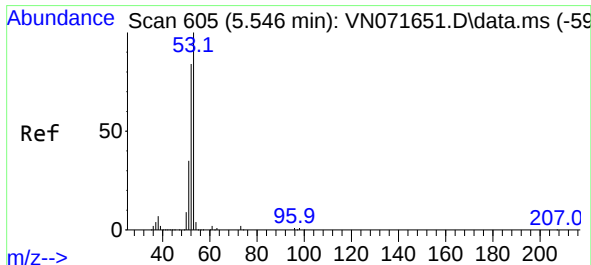
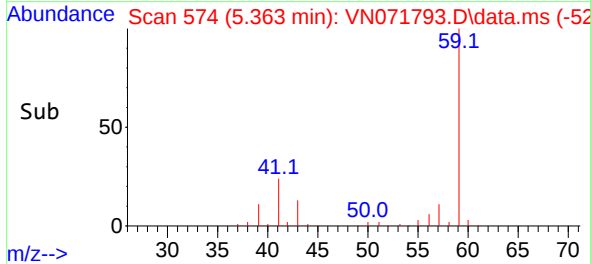
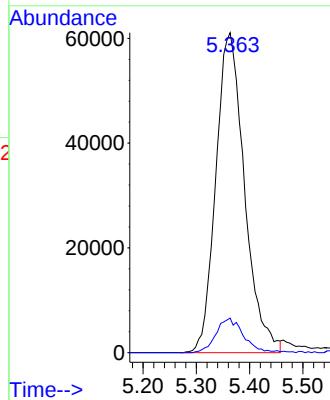
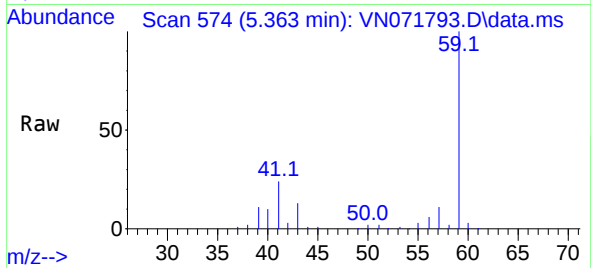
MW-35

Tgt Ion: 59 Resp: 228236

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



#15

Acrylonitrile

Concen: 0.463 ug/l

RT: 5.604 min Scan# 615

Delta R.T. 0.058 min

Lab File: VN071793.D

Acq: 02 Apr 2022 08:11

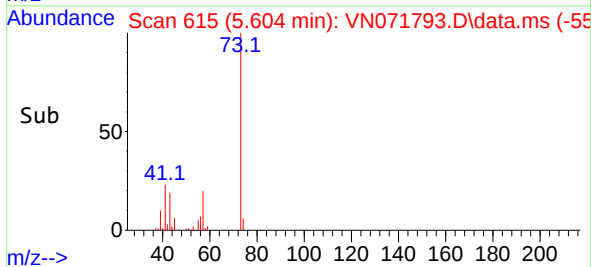
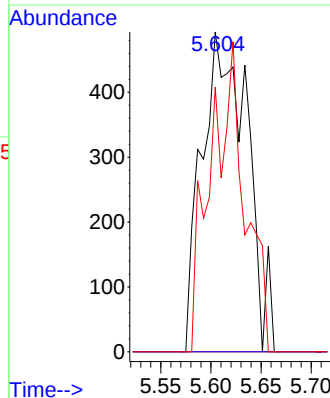
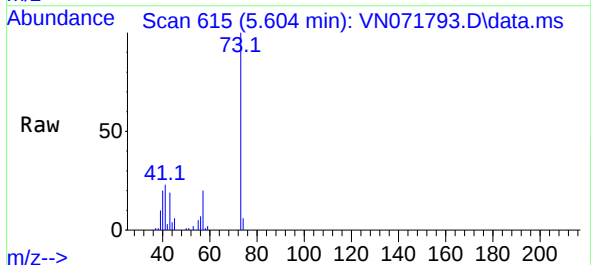
Tgt Ion: 53 Resp: 1545

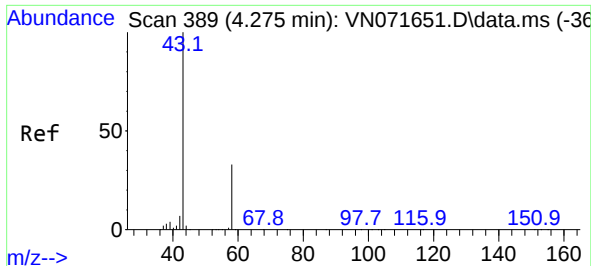
Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

51 73.4 28.5 42.7#

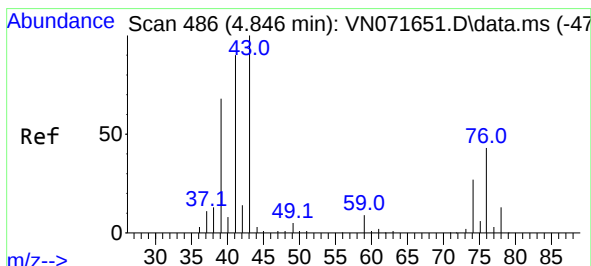
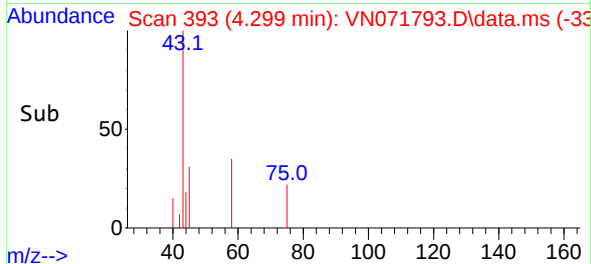
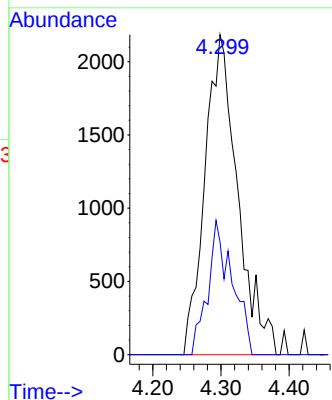
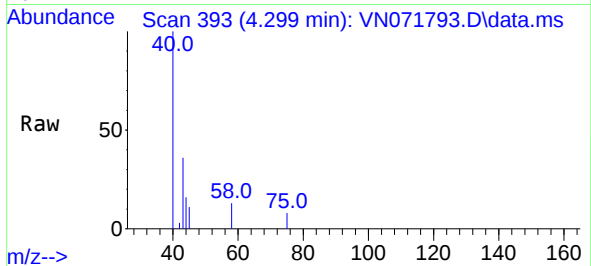




#16
Acetone
Concen: 2.413 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

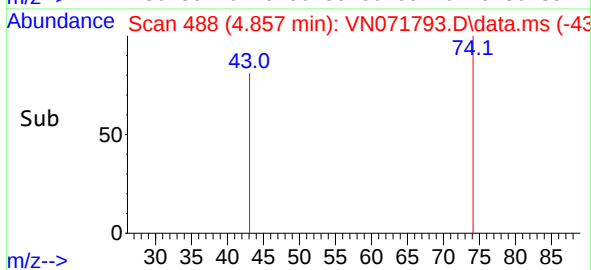
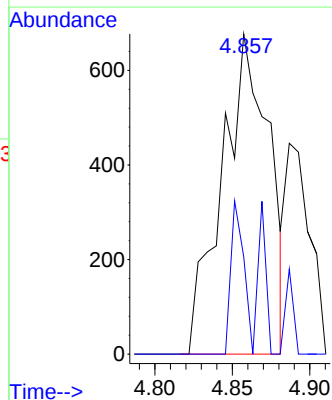
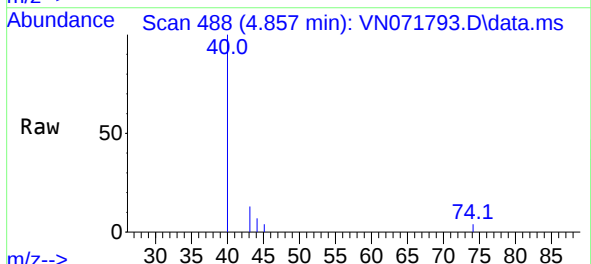
Instrument :
MSVOA_N
ClientSampleId :
MW-35

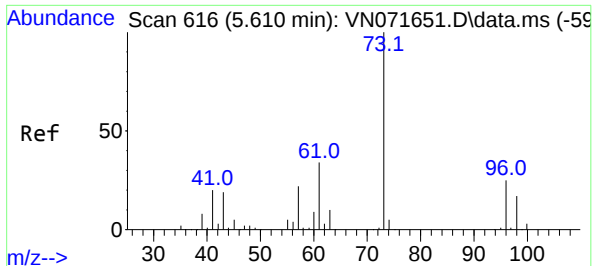
Tgt Ion: 43 Resp: 7303
Ion Ratio Lower Upper
43 100
58 35.2 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
74 13.1 21.6 32.4#

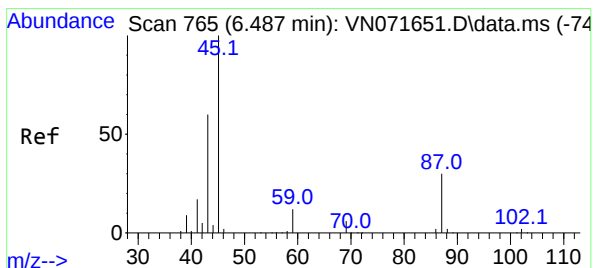
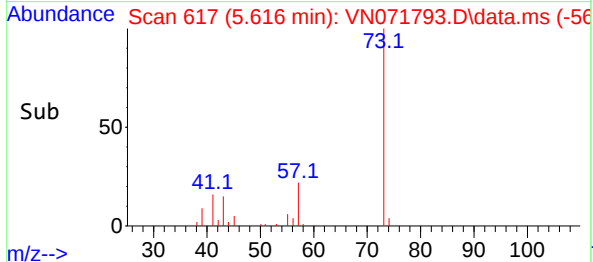
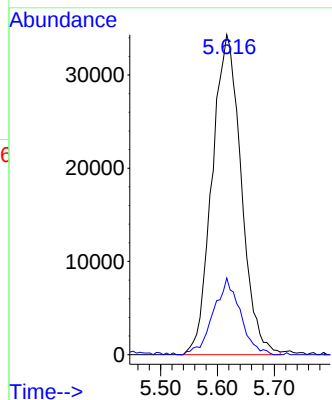
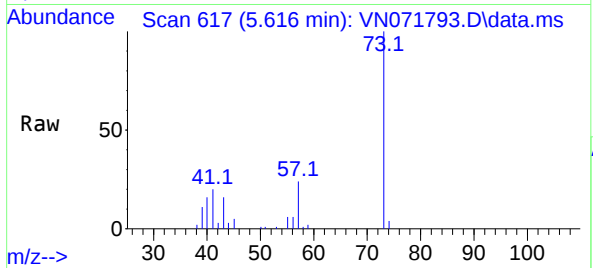




#19
Methyl tert-butyl Ether
Concen: 6.423 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

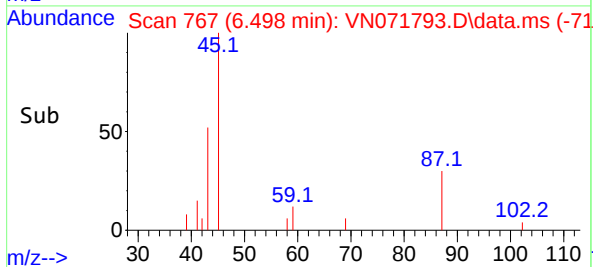
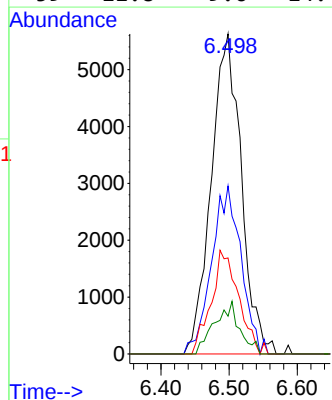
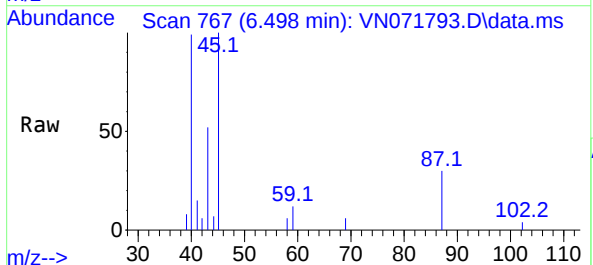
Instrument :
MSVOA_N
ClientSampleId :
MW-35

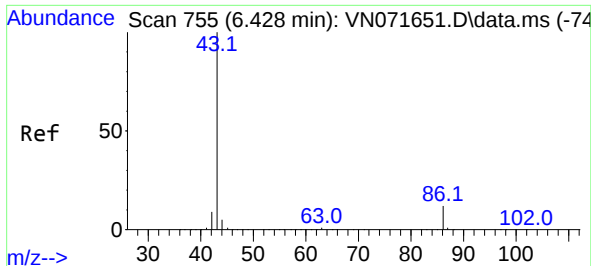
Tgt Ion: 73 Resp: 122170
Ion Ratio Lower Upper
73 100
57 24.0 17.6 26.4



#22
Diisopropyl ether
Concen: 0.955 ug/l
RT: 6.498 min Scan# 767
Delta R.T. 0.011 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 45 Resp: 17271
Ion Ratio Lower Upper
45 100
43 52.5 46.6 70.0
87 30.0 24.3 36.5
59 11.8 9.6 14.4

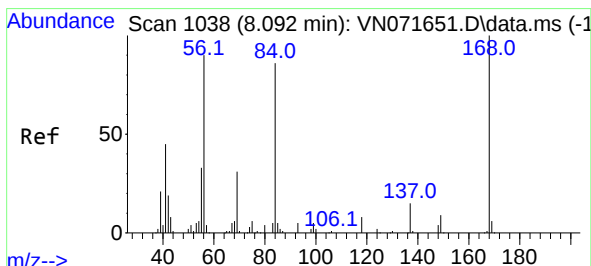
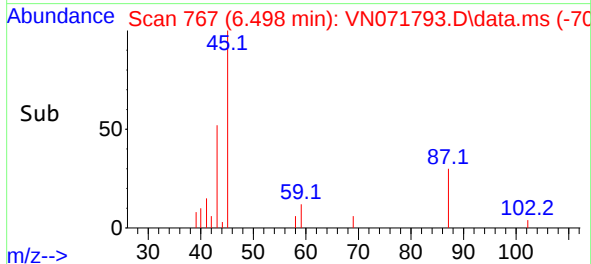
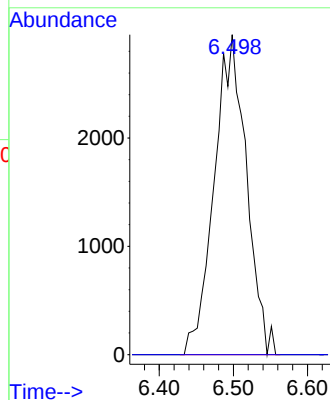
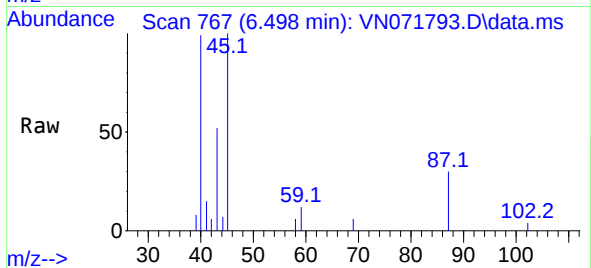




#23
 Vinyl Acetate
 Concen: 0.619 ug/l
 RT: 6.498 min Scan# 70
 Delta R.T. 0.070 min
 Lab File: VN071793.D
 Acq: 02 Apr 2022 08:11

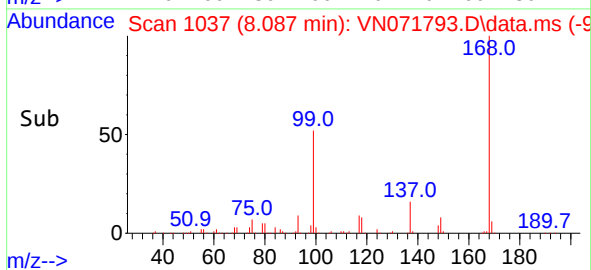
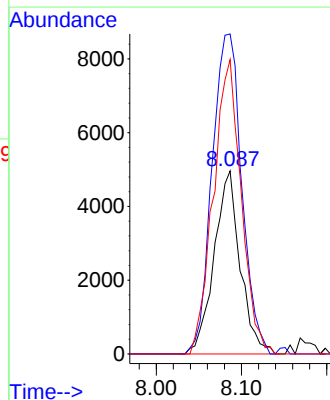
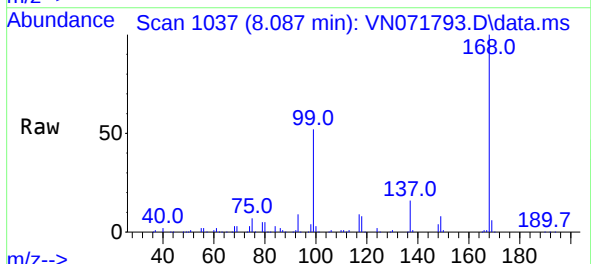
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-35

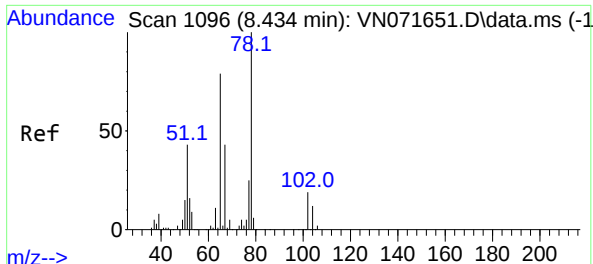
Tgt Ion: 43 Resp: 8902
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#31
 Cyclohexane
 Concen: 1.095 ug/l
 RT: 8.087 min Scan# 1037
 Delta R.T. -0.005 min
 Lab File: VN071793.D
 Acq: 02 Apr 2022 08:11

Tgt Ion: 56 Resp: 10543
 Ion Ratio Lower Upper
 56 100
 69 174.7 27.8 41.8#
 84 160.8 76.9 115.3#

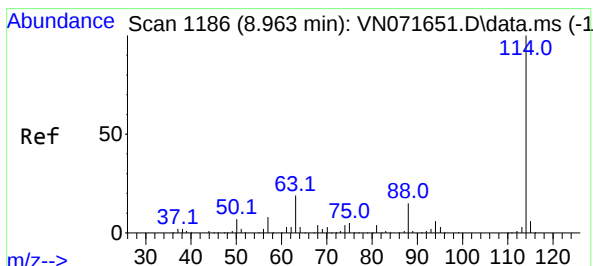
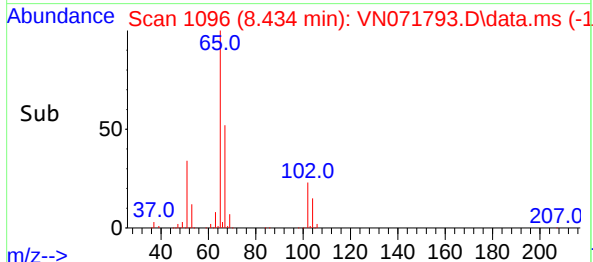
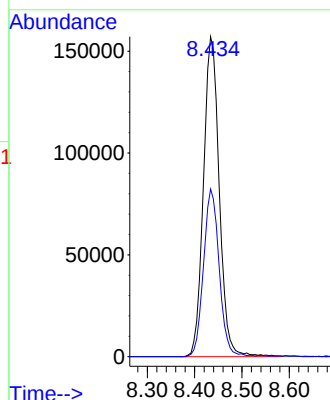
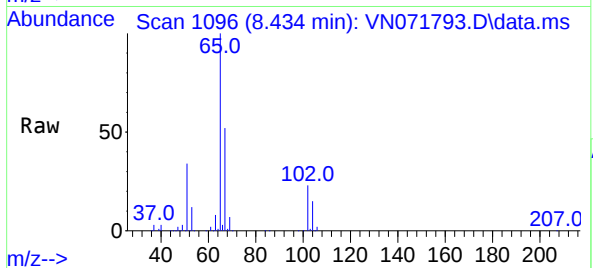




#33
1,2-Dichloroethane-d4
Concen: 51.475 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

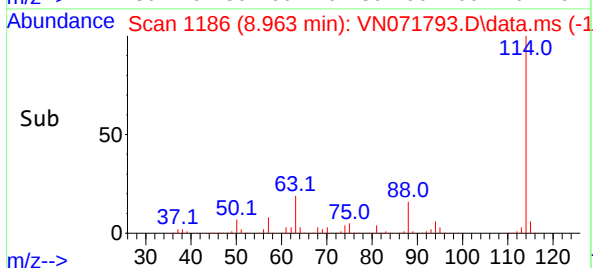
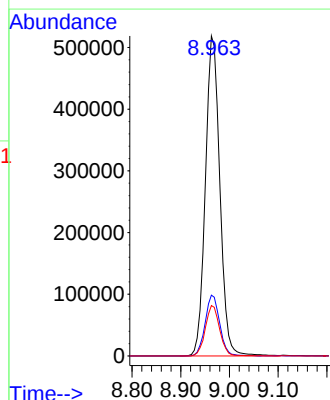
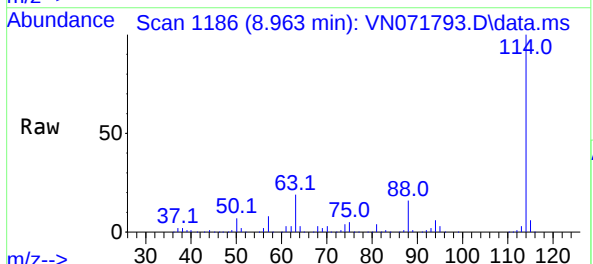
Instrument :
MSVOA_N
ClientSampleId :
MW-35

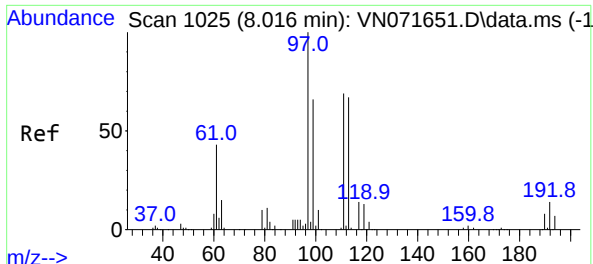
Tgt Ion: 65 Resp: 364534
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

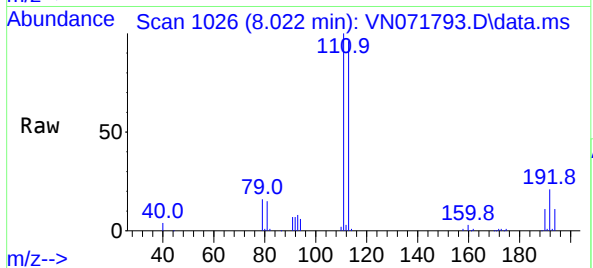
Tgt Ion: 114 Resp: 1070389
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.8 0.0 32.6



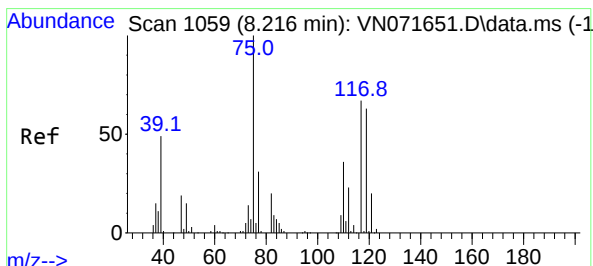
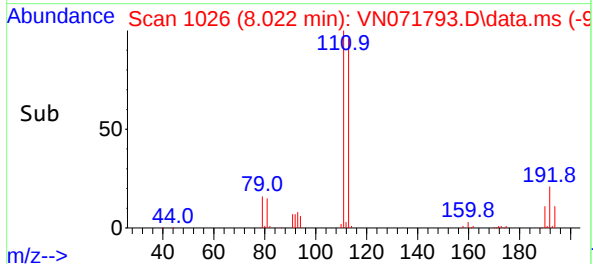
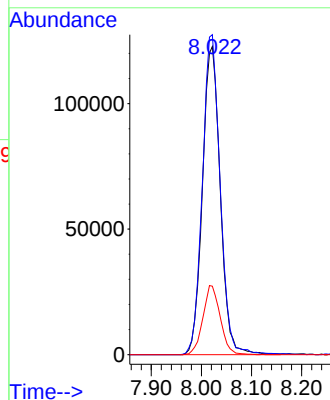


#35
Dibromofluoromethane
Concen: 48.208 ug/l
RT: 8.022 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Instrument :
MSVOA_N
ClientSampleId :
MW-35

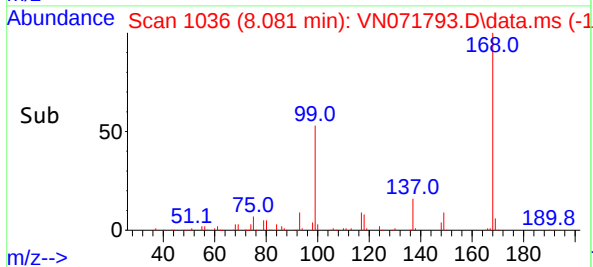
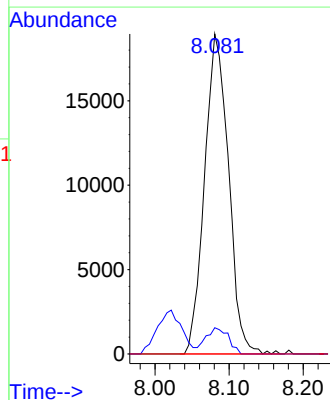
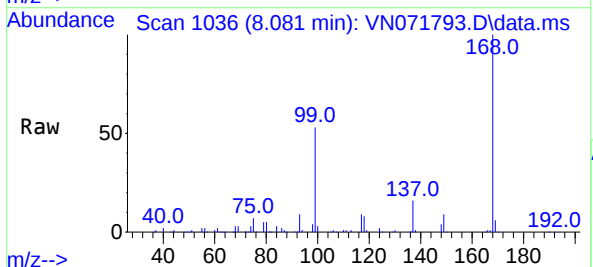


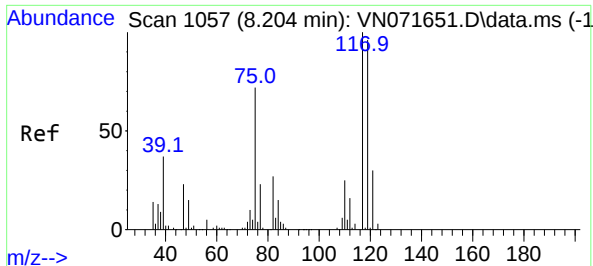
Tgt Ion:113 Resp: 303647
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 21.8 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 75 Resp: 42670
Ion Ratio Lower Upper
75 100
110 7.6 18.3 54.8#
77 0.0 25.1 37.7#

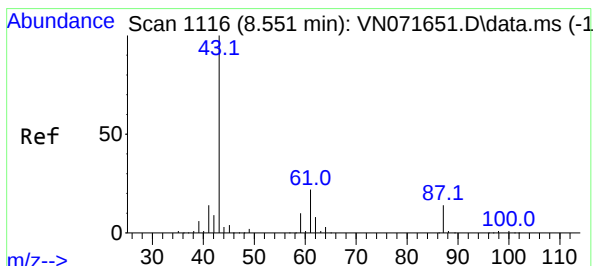
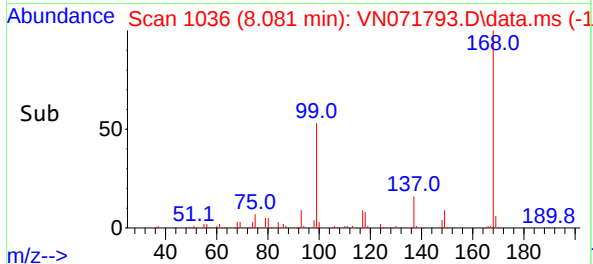
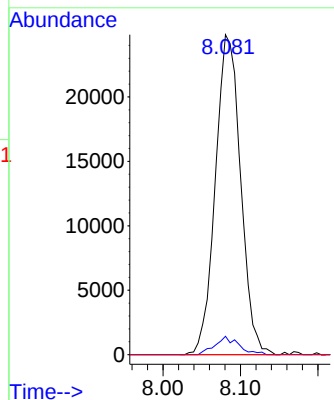
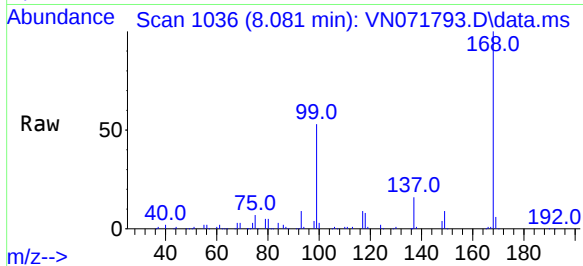




#38
Carbon Tetrachloride
Concen: 6.534 ug/l
RT: 8.081 min Scan# 11036
Delta R.T. -0.123 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

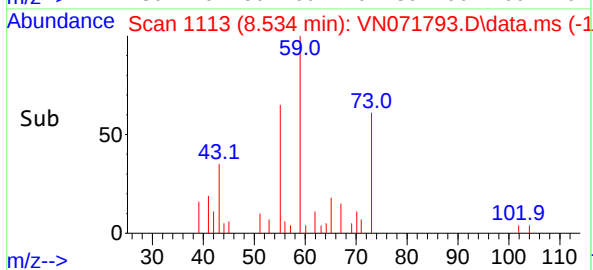
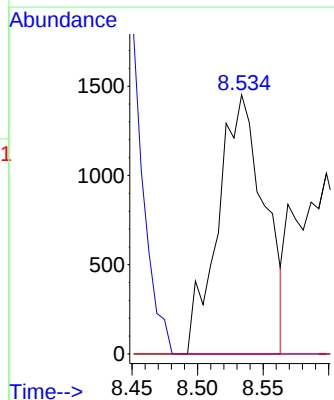
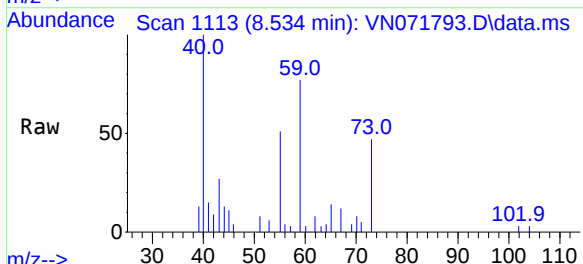
Instrument :
MSVOA_N
ClientSampleId :
MW-35

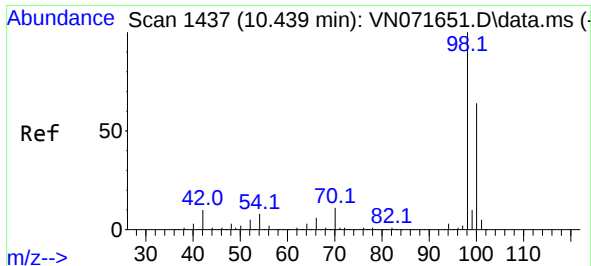
Tgt Ion:117 Resp: 56327
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.223 ug/l
RT: 8.534 min Scan# 1113
Delta R.T. -0.017 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 43 Resp: 3572
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

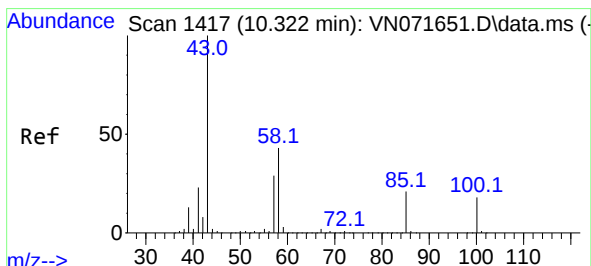
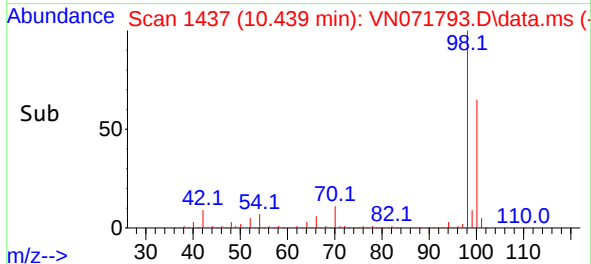
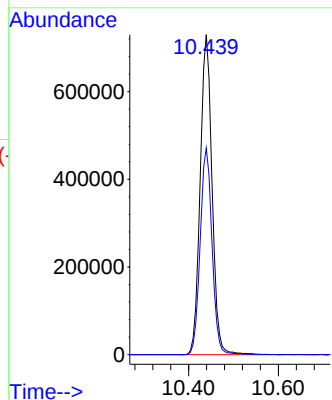
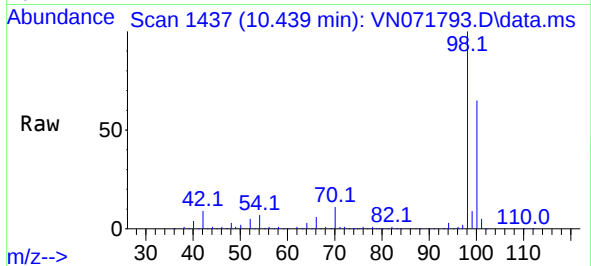




#50
Toluene-d8
Concen: 51.935 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

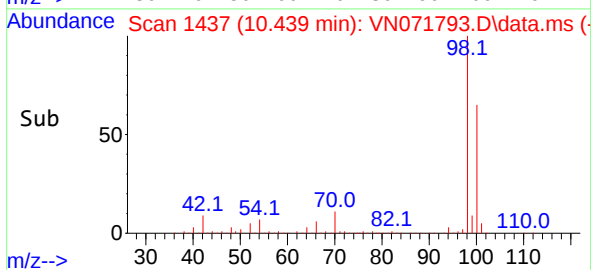
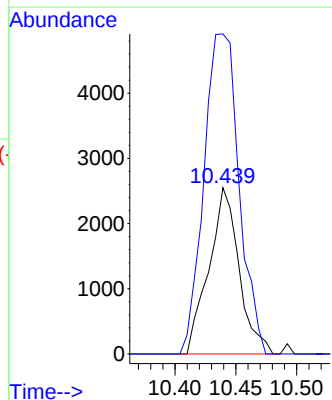
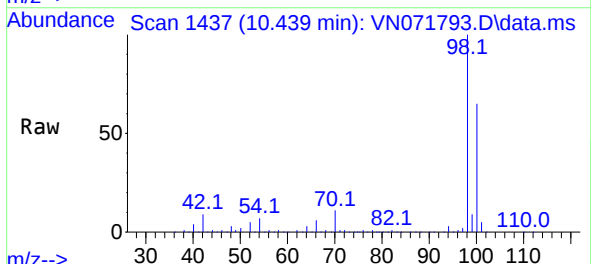
Instrument :
MSVOA_N
ClientSampleId :
MW-35

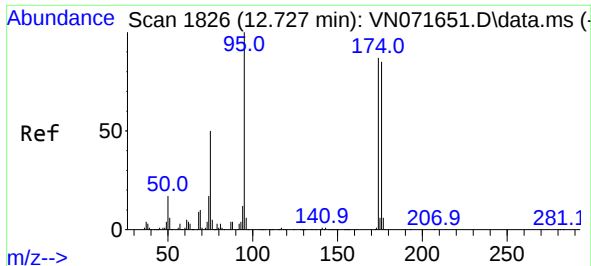
Tgt Ion: 98 Resp: 1338156
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.117 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 43 Resp: 4386
Ion Ratio Lower Upper
43 100
58 224.6 34.1 51.1#

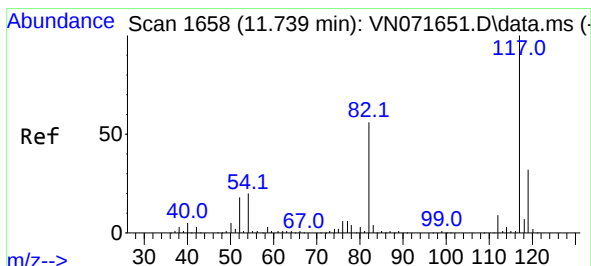
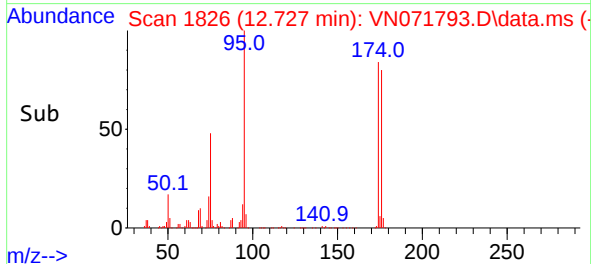
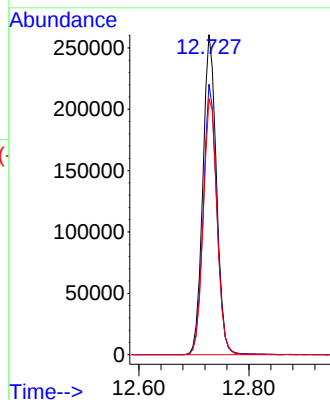
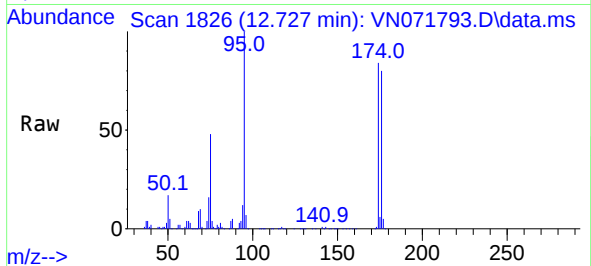




#62
4-Bromofluorobenzene
Concen: 53.698 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

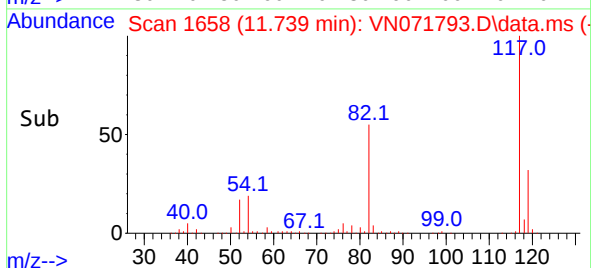
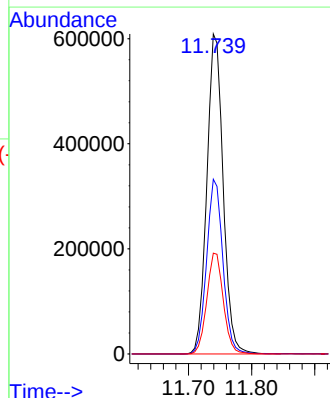
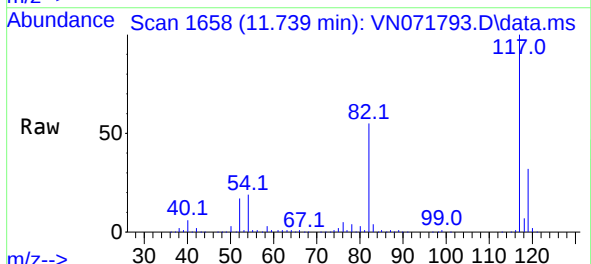
Instrument :
MSVOA_N
ClientSampleId :
MW-35

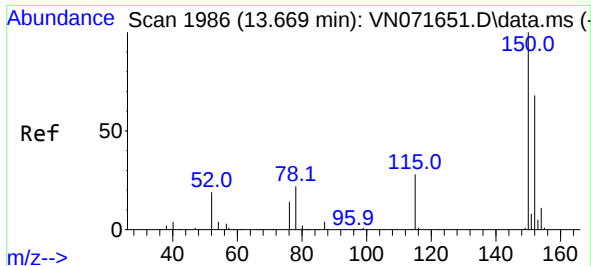
Tgt Ion: 95 Resp: 447474
Ion Ratio Lower Upper
95 100
174 84.1 0.0 167.6
176 80.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion: 117 Resp: 1091120
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 31.5 25.4 38.0

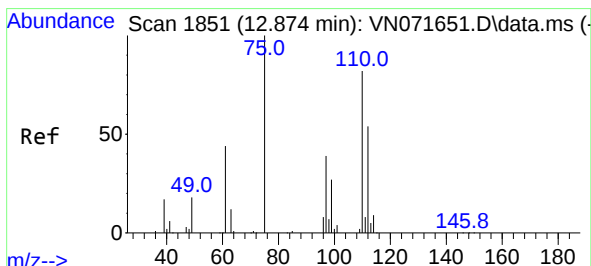
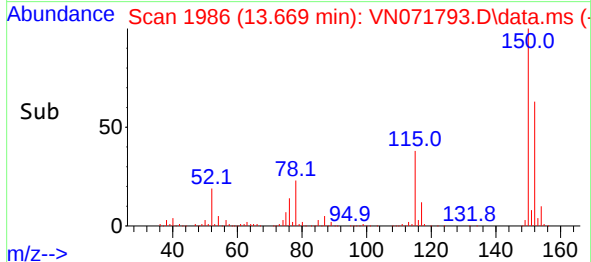
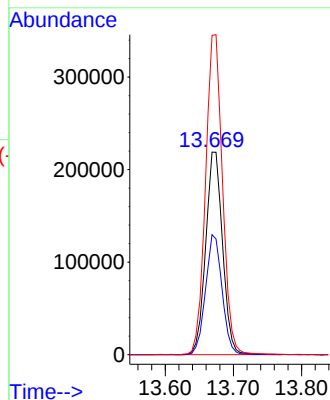
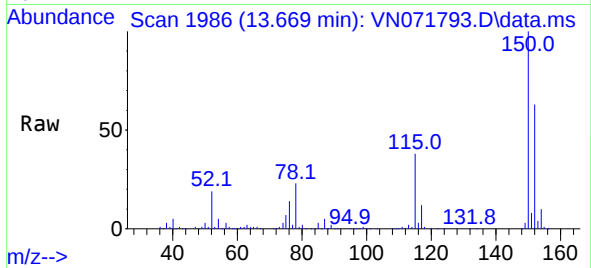




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN071793.D
 Acq: 02 Apr 2022 08:11

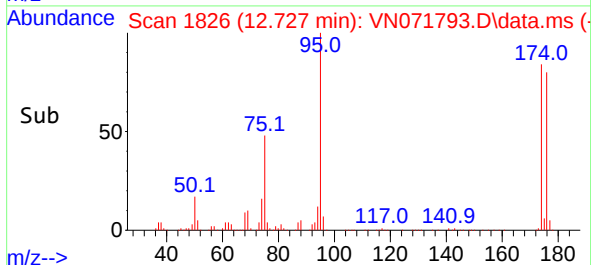
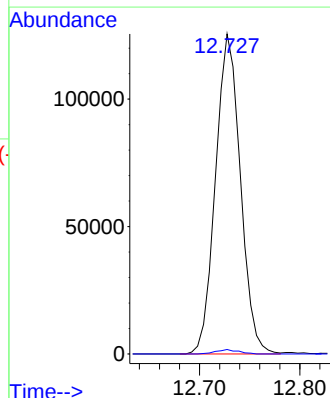
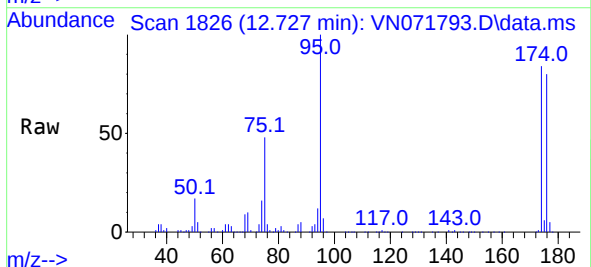
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-35

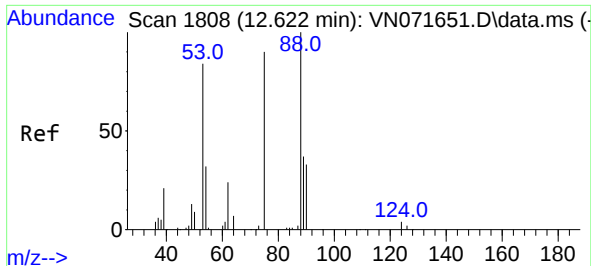
Tgt Ion:152 Resp: 378284
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.9 86.7
 150 158.3 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 24.645 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071793.D
 Acq: 02 Apr 2022 08:11

Tgt Ion: 75 Resp: 215969
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

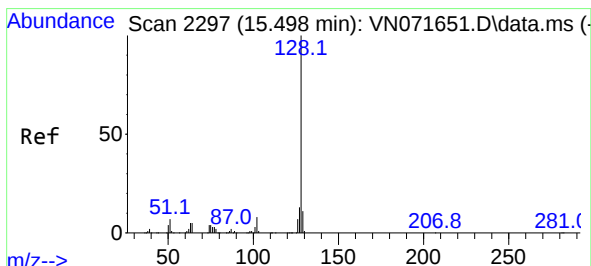
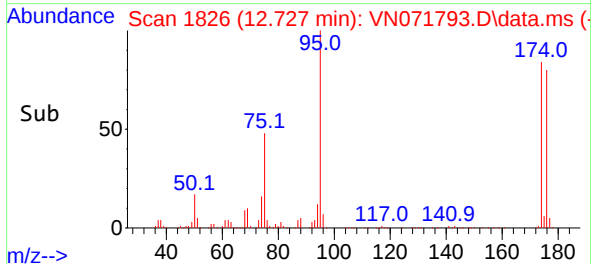
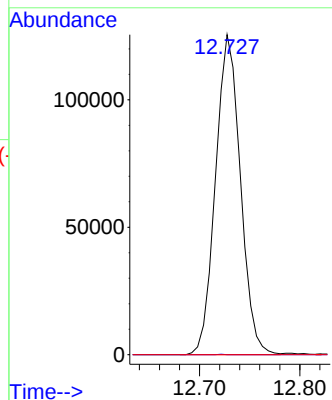
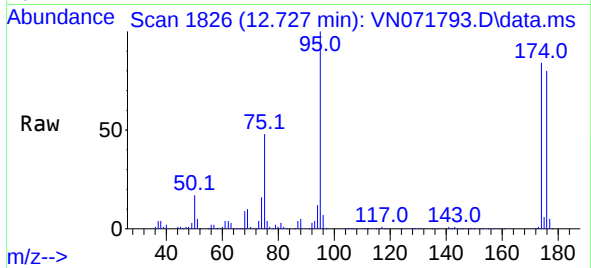




#81
trans-1,4-Dichloro-2-butene
Concen: 76.374 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Instrument :
MSVOA_N
ClientSampleId :
MW-35

Tgt Ion: 75 Resp: 215969
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.814 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN071793.D
Acq: 02 Apr 2022 08:11

Tgt Ion:128 Resp: 207
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

