

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071790.D
 Acq On : 02 Apr 2022 06:59
 Operator : JC\MD
 Sample : N2200-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-32

Quant Time: Apr 02 07:50:32 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)

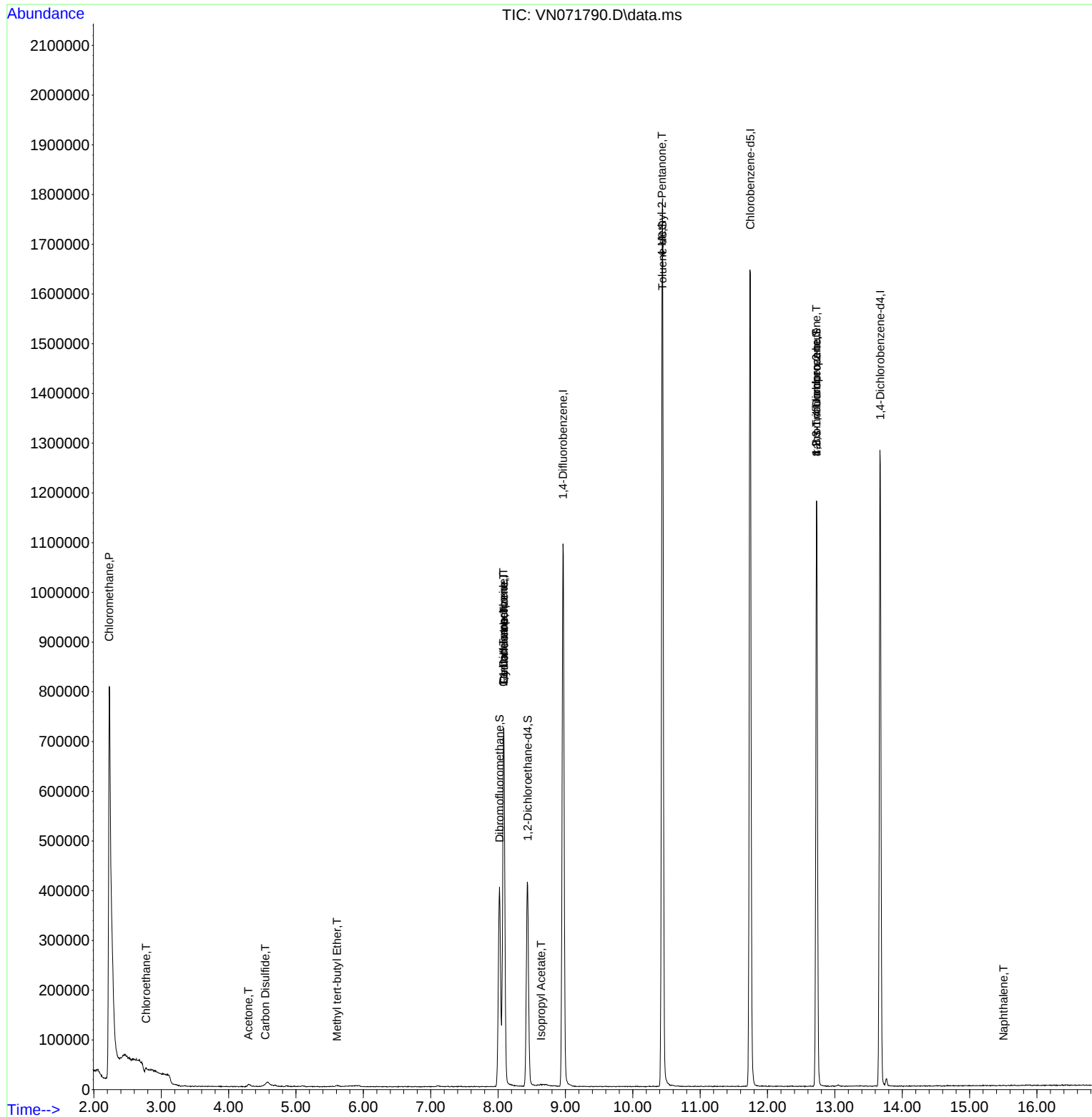
Internal Standards						
1) Pentafluorobenzene	8.086	168	593678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1022102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	1048029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	380109	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	347650	51.295	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.580%			
35) Dibromofluoromethane	8.022	113	296245	49.255	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.520%			
50) Toluene-d8	10.439	98	1287421	52.326	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.727	95	423370	53.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.420%			
Target Compounds					Qvalue	
3) Chloromethane	2.228	50	36937	6.176	ug/l #	43
6) Chloroethane	2.775	64	17793	3.766	ug/l #	43
16) Acetone	4.292	43	5200	1.795	ug/l	91
17) Carbon Disulfide	4.545	76	6104	0.543	ug/l	97
18) Methyl Acetate	4.863	43	2392	Below Cal	#	89
19) Methyl tert-butyl Ether	5.610	73	4186	0.230	ug/l	97
31) Cyclohexane	8.086	56	10323	1.120	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	39764	4.734	ug/l #	48
38) Carbon Tetrachloride	8.080	117	55166	6.702	ug/l #	17
43) Isopropyl Acetate	8.639	43	5267	0.344	ug/l #	53
51) 4-Methyl-2-Pentanone	10.433	43	4758	0.541	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	205099	23.292	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	205099	72.181	ug/l #	10
95) Naphthalene	15.503	128	514	3.830	ug/l #	69

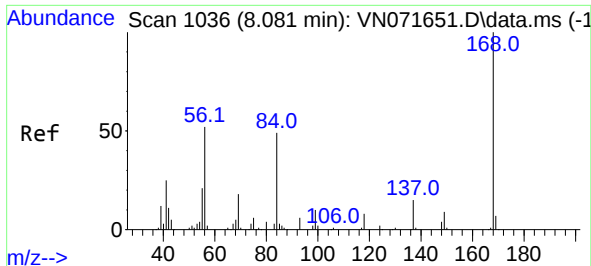
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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Quant Time: Apr 02 07:50:32 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

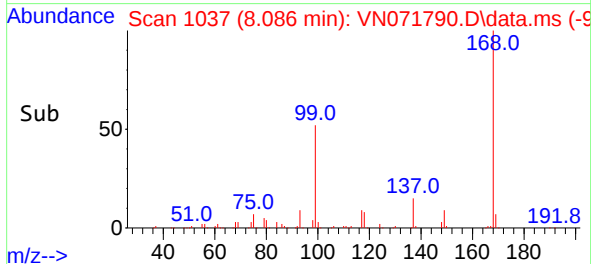
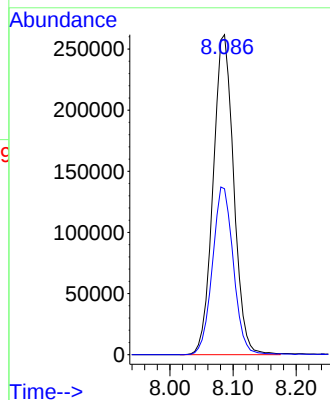
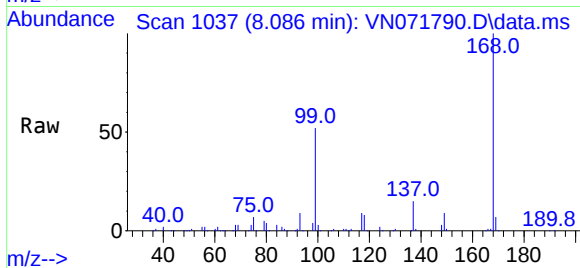




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

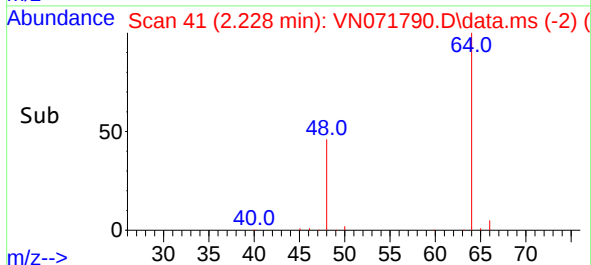
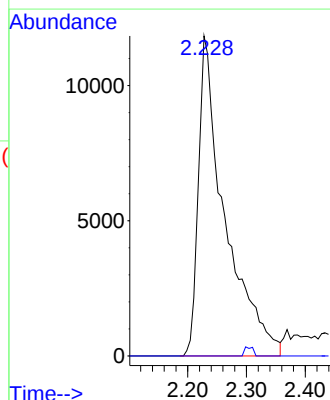
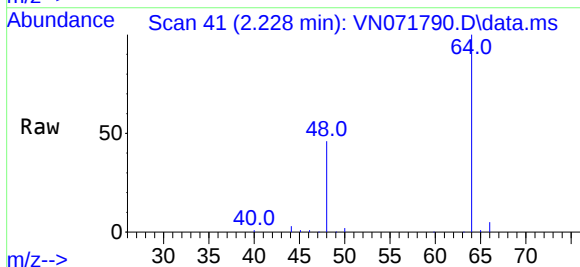
Instrument :
MSVOA_N
ClientSampleId :
MW-32

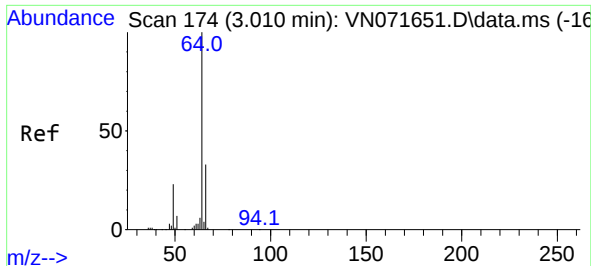
Tgt Ion:168 Resp: 593678
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5



#3
Chloromethane
Concen: 6.176 ug/l
RT: 2.228 min Scan# 41
Delta R.T. -0.071 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 50 Resp: 36937
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

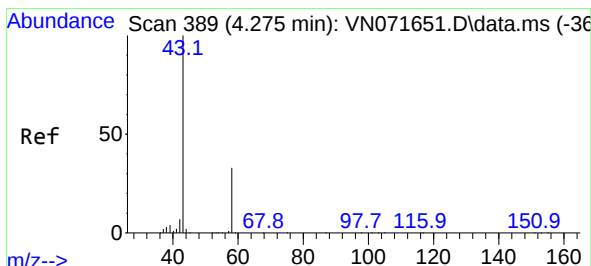
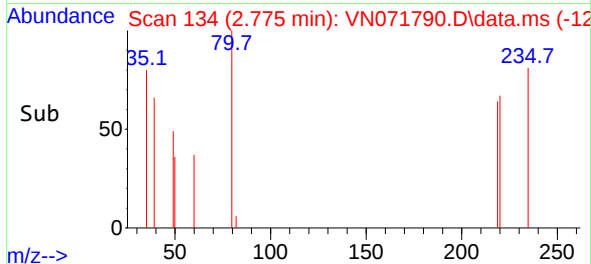
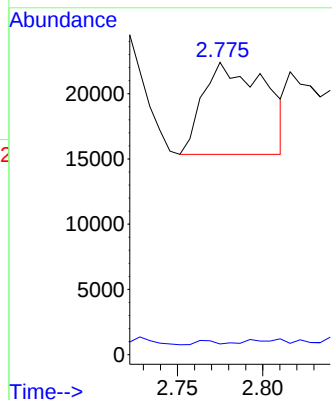
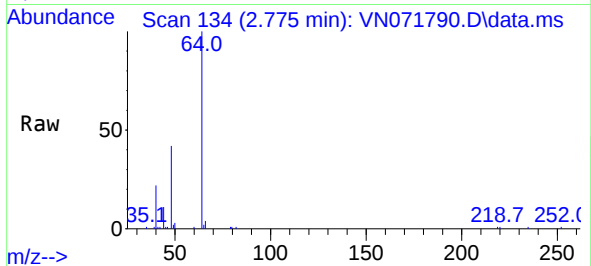




#6
Chloroethane
Concen: 3.766 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.235 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

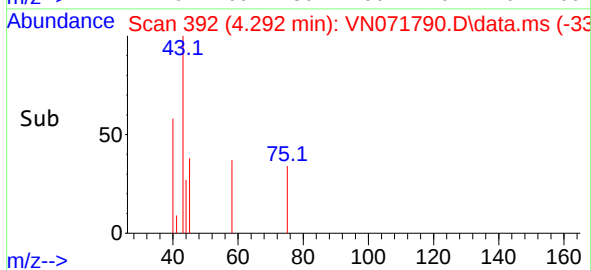
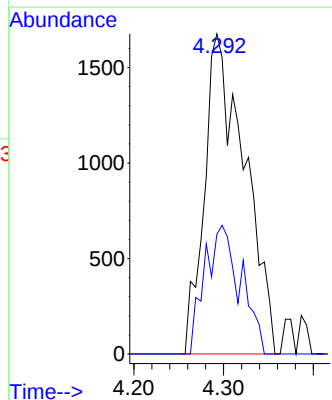
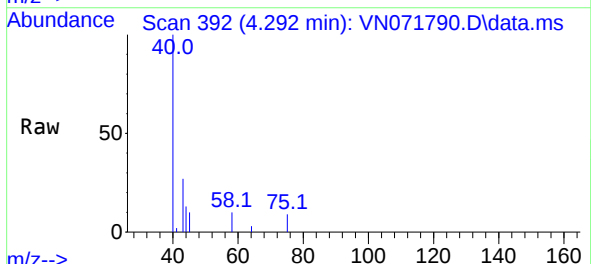
Instrument :
MSVOA_N
ClientSampleId :
MW-32

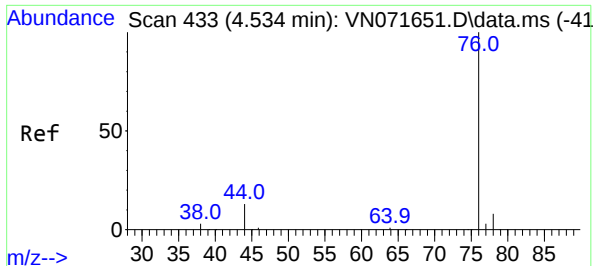
Tgt Ion: 64 Resp: 17793
Ion Ratio Lower Upper
64 100
66 0.8 26.2 39.4#



#16
Acetone
Concen: 1.795 ug/l
RT: 4.292 min Scan# 392
Delta R.T. 0.017 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 43 Resp: 5200
Ion Ratio Lower Upper
43 100
58 37.4 26.0 39.0

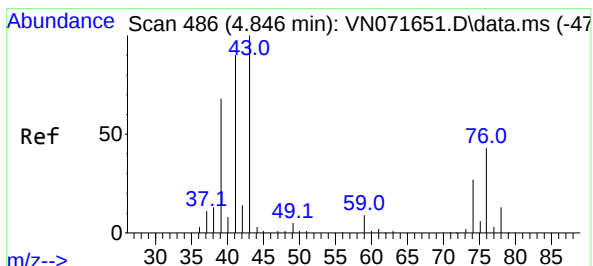
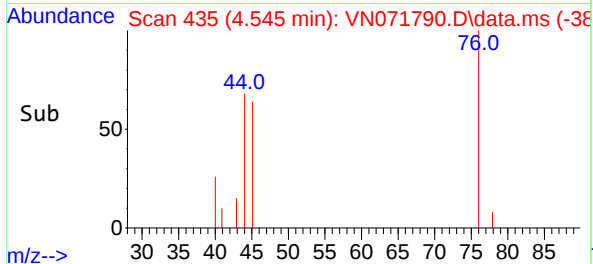
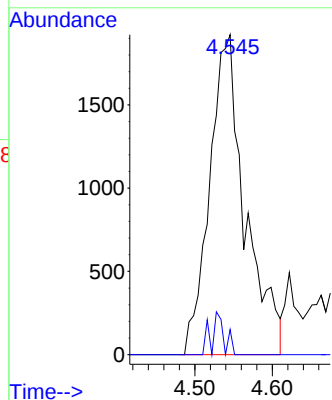
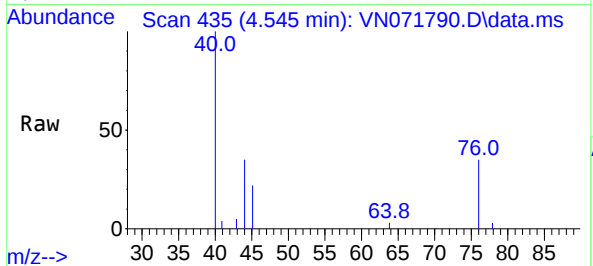




#17
Carbon Disulfide
Concen: 0.543 ug/l
RT: 4.545 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

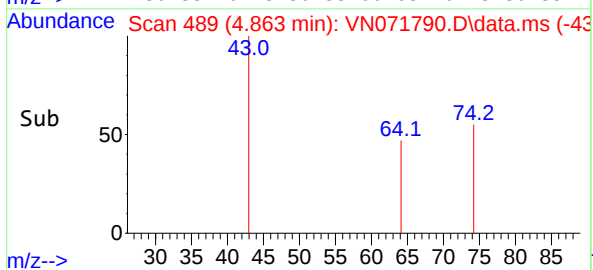
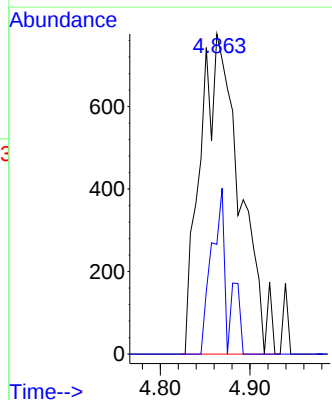
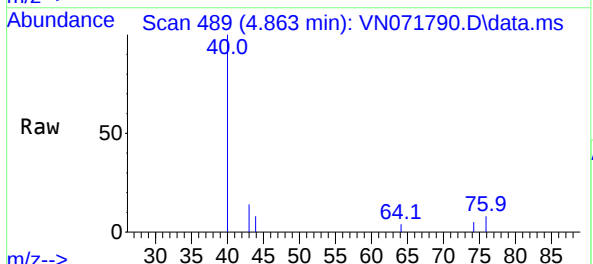
Instrument :
MSVOA_N
ClientSampleId :
MW-32

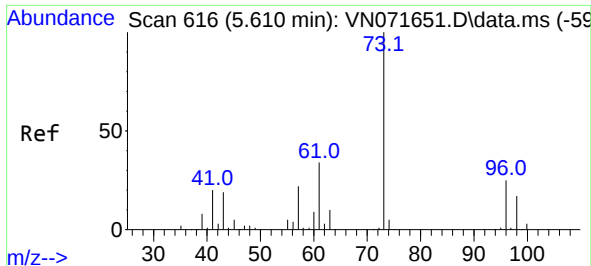
Tgt Ion: 76 Resp: 6104
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 489
Delta R.T. 0.017 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
74 21.1 21.6 32.4#

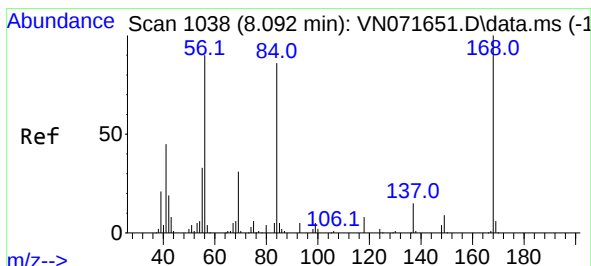
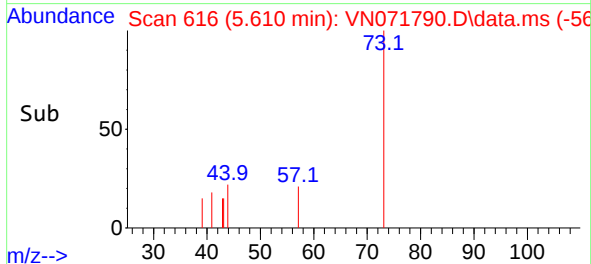
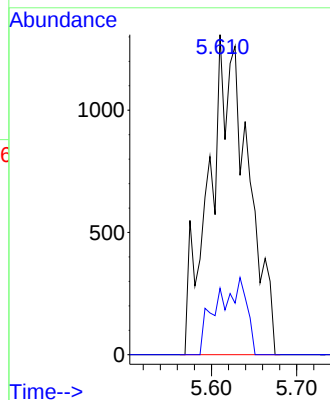
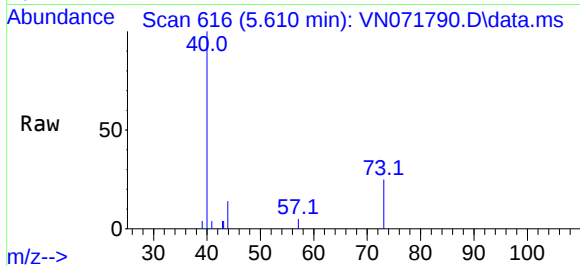




#19
Methyl tert-butyl Ether
Concen: 0.230 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

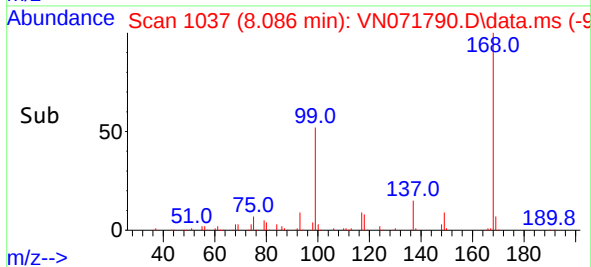
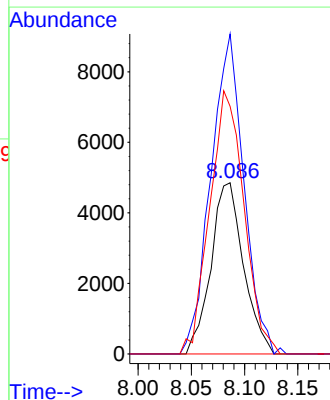
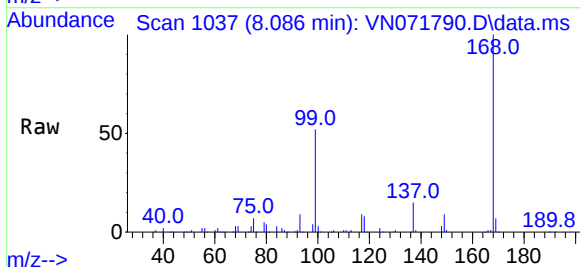
Instrument :
MSVOA_N
ClientSampleId :
MW-32

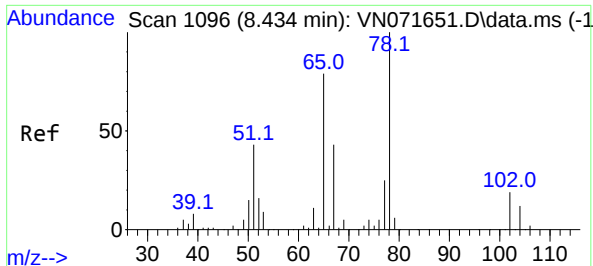
Tgt Ion: 73 Resp: 4186
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4



#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 56 Resp: 10323
Ion Ratio Lower Upper
56 100
69 186.9 27.8 41.8#
84 144.6 76.9 115.3#

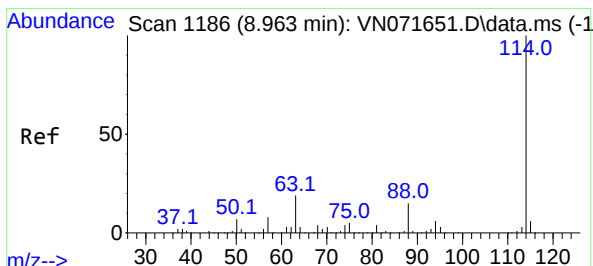
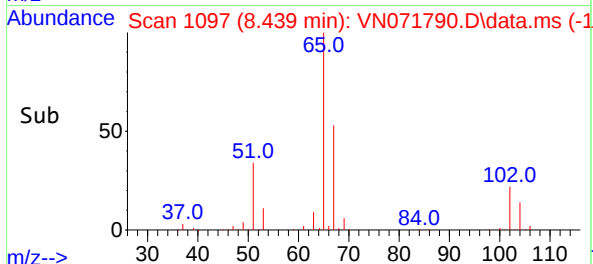
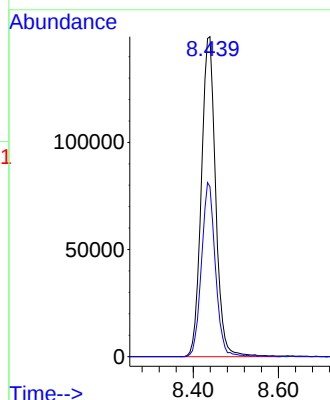
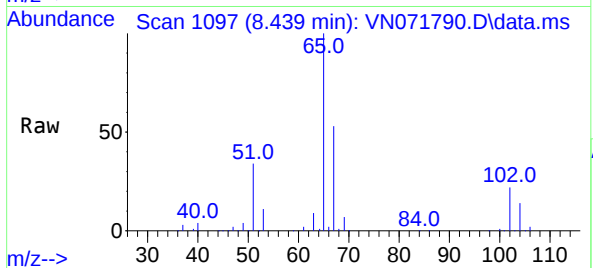




#33
1,2-Dichloroethane-d4
Concen: 51.295 ug/l
RT: 8.439 min Scan# 1096
Delta R.T. 0.005 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

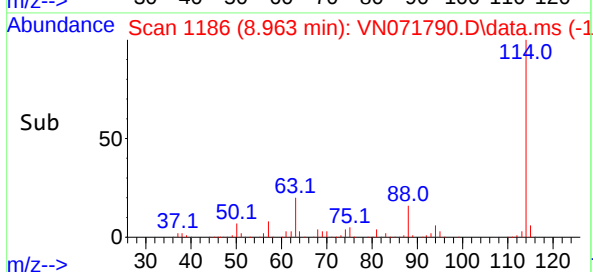
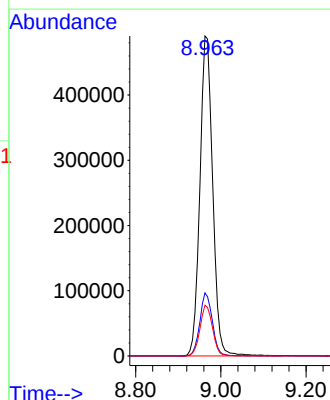
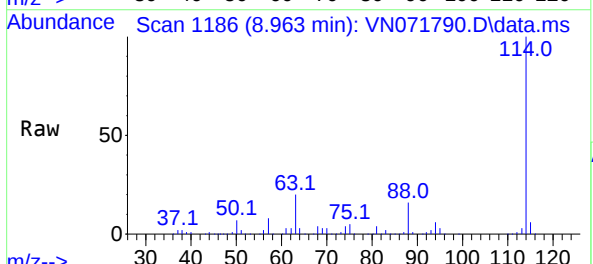
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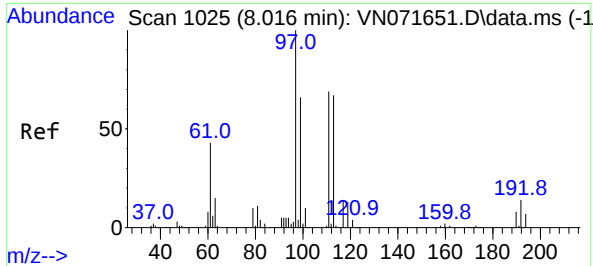
Tgt Ion: 65 Resp: 347650
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 114 Resp: 1022102
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.9 0.0 32.6

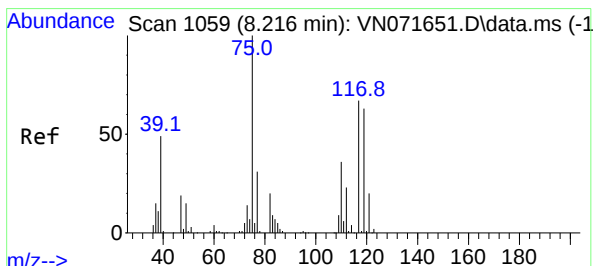
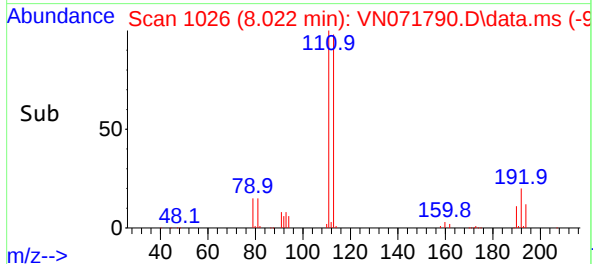
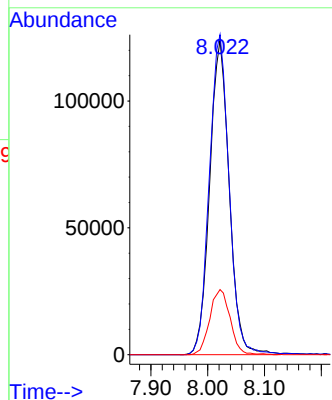
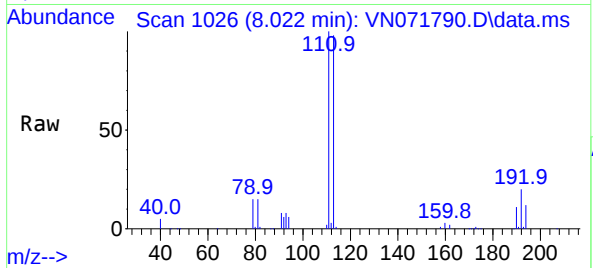




#35
Dibromofluoromethane
Concen: 49.255 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

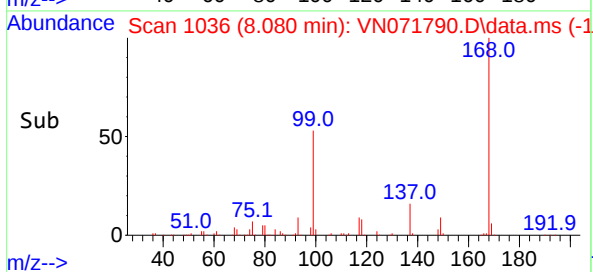
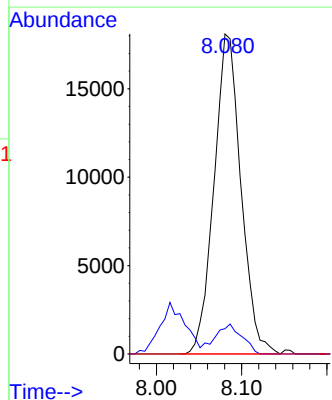
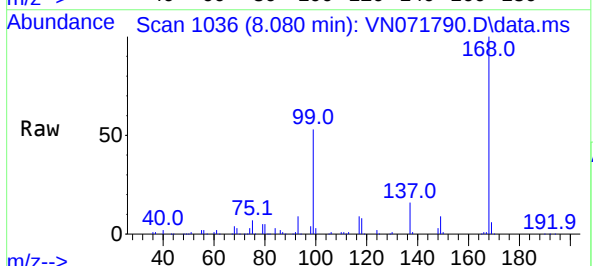
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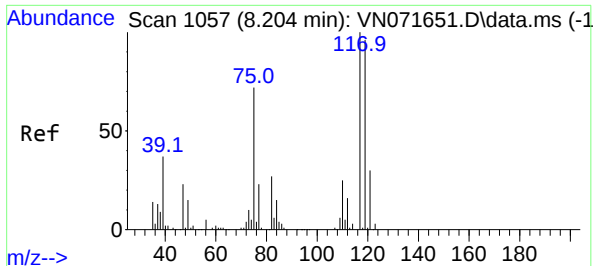
Tgt Ion:113 Resp: 296245
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 21.4 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.734 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 75 Resp: 39764
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#

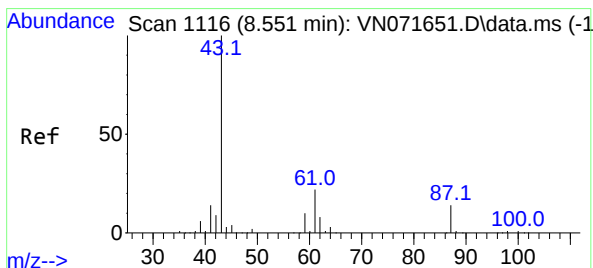
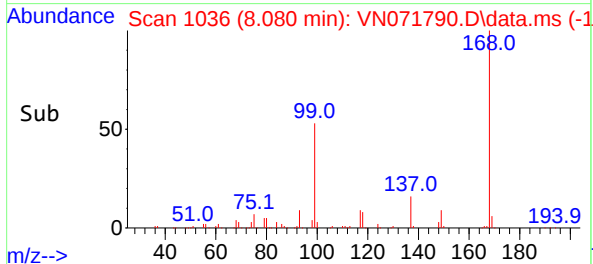
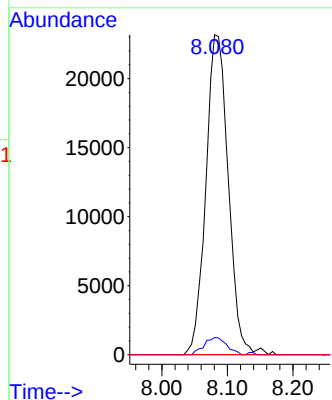
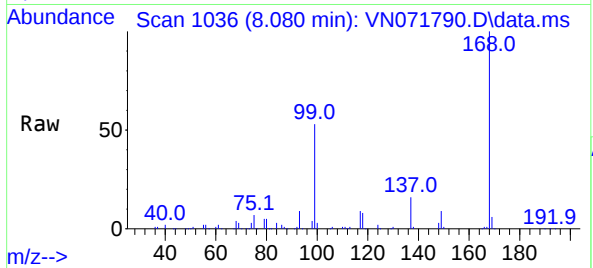




#38
Carbon Tetrachloride
Concen: 6.702 ug/l
RT: 8.080 min Scan# 1103
Delta R.T. -0.124 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

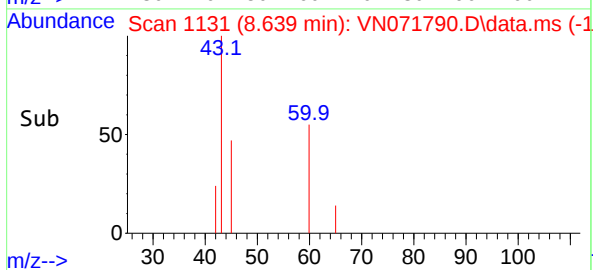
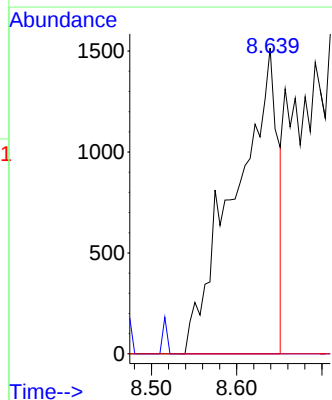
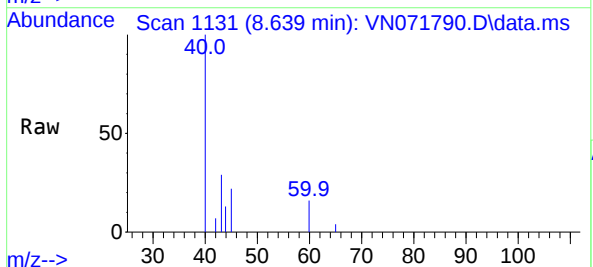
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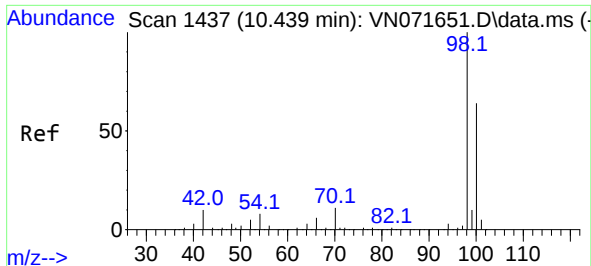
Tgt Ion:117 Resp: 55166
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.344 ug/l
RT: 8.639 min Scan# 1131
Delta R.T. 0.088 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 43 Resp: 5267
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

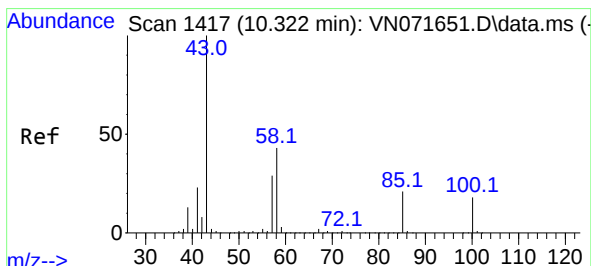
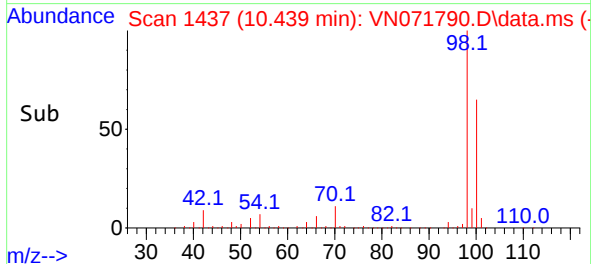
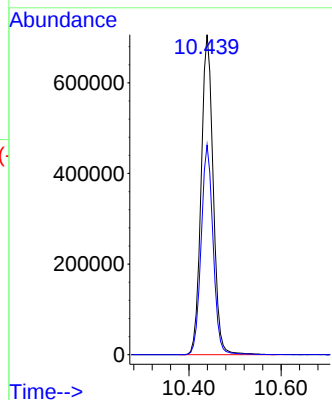
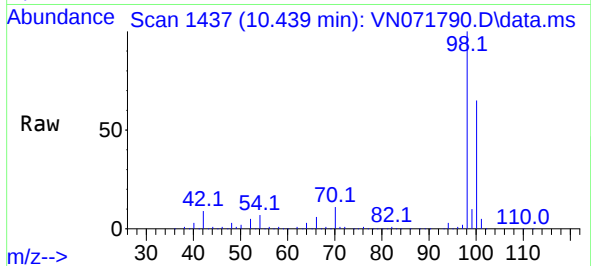




#50
Toluene-d8
Concen: 52.326 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

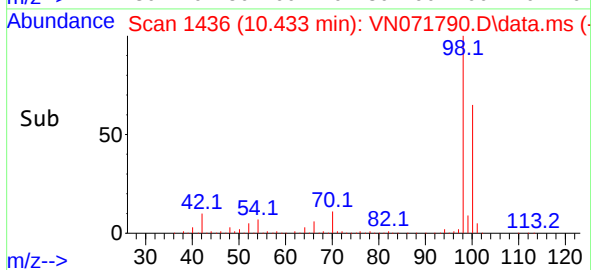
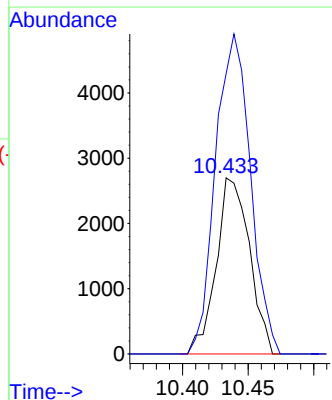
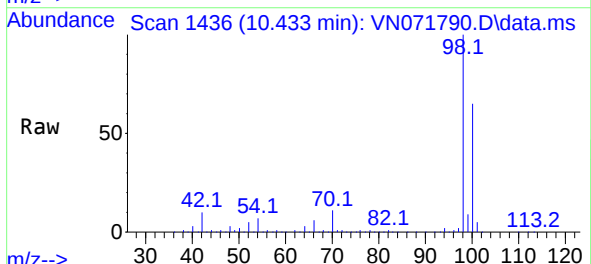
Instrument :
MSVOA_N
ClientSampleId :
MW-32

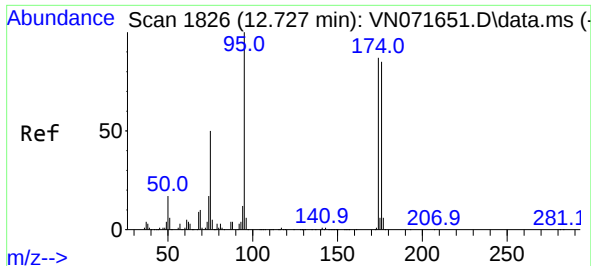
Tgt Ion: 98 Resp: 1287421
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.541 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.111 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 43 Resp: 4758
Ion Ratio Lower Upper
43 100
58 190.9 34.1 51.1#

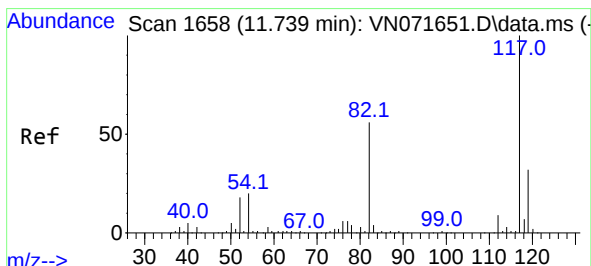
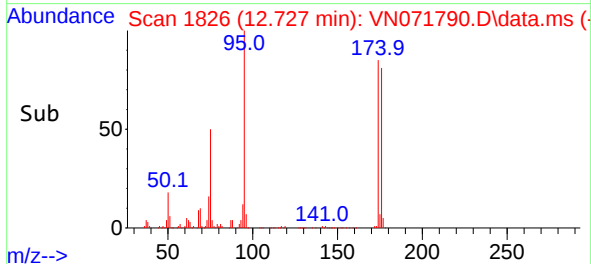
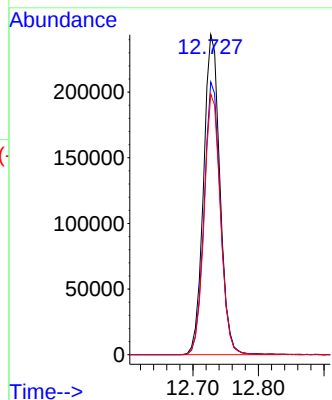
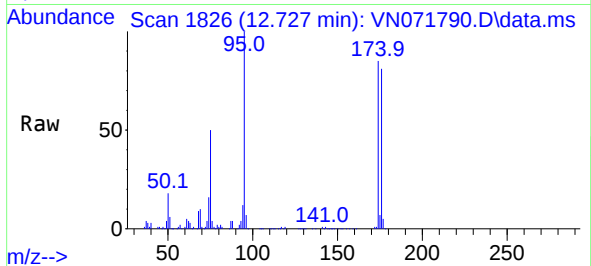




#62
4-Bromofluorobenzene
Concen: 53.205 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

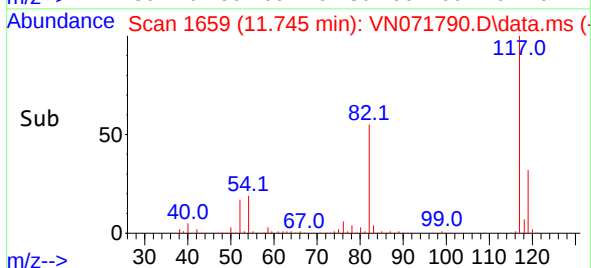
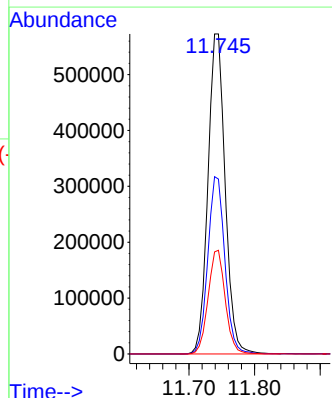
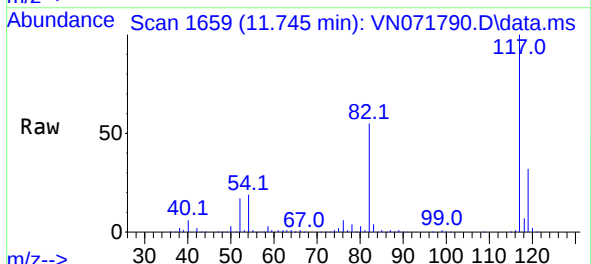
Instrument :
MSVOA_N
ClientSampleId :
MW-32

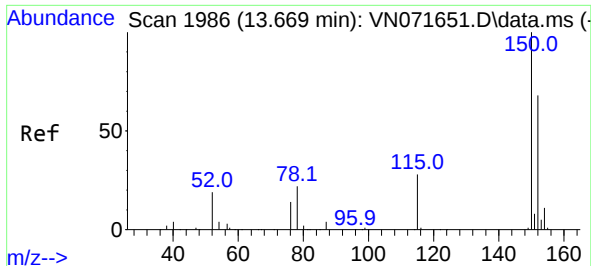
Tgt Ion: 95 Resp: 423370
Ion Ratio Lower Upper
95 100
174 84.9 0.0 167.6
176 81.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 117 Resp: 1048029
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.4 25.4 38.0

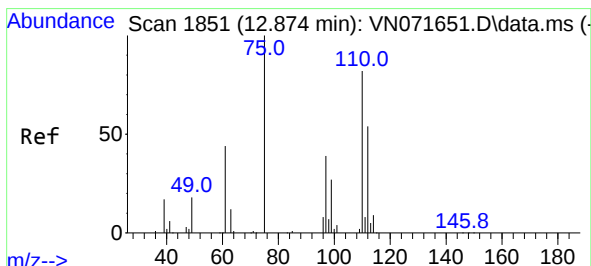
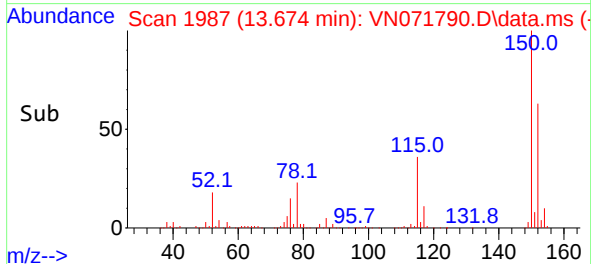
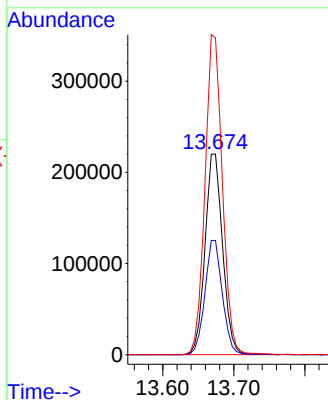
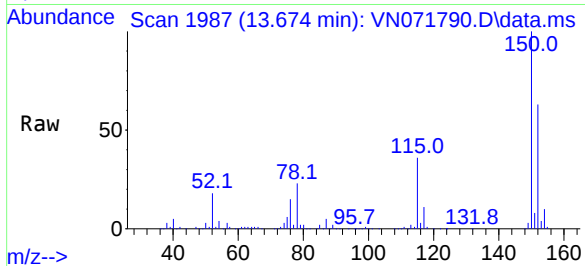




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 1987
 Delta R.T. 0.005 min
 Lab File: VN071790.D
 Acq: 02 Apr 2022 06:59

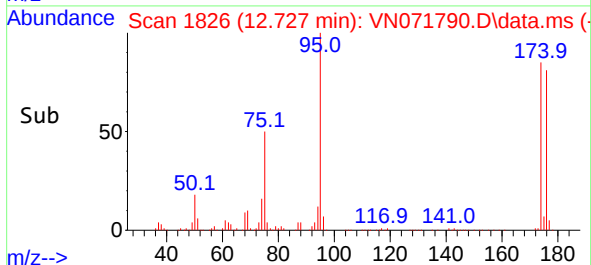
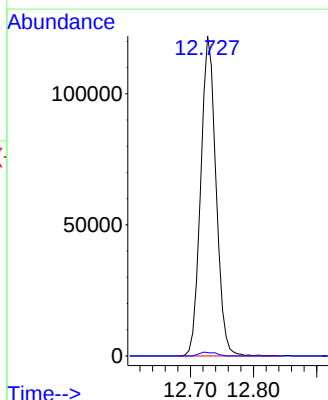
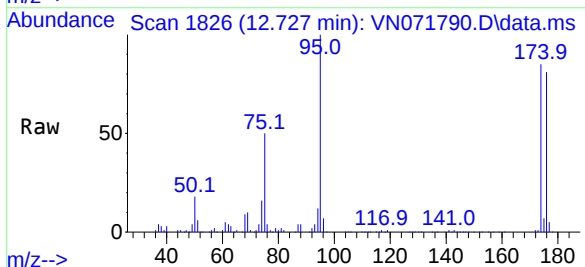
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-32

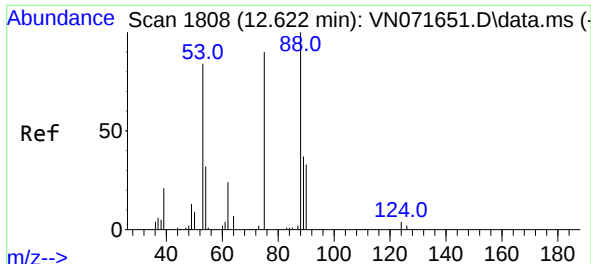
Tgt Ion:152 Resp: 380109
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.9 86.7
 150 157.2 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 23.292 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN071790.D
 Acq: 02 Apr 2022 06:59

Tgt Ion: 75 Resp: 205099
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#

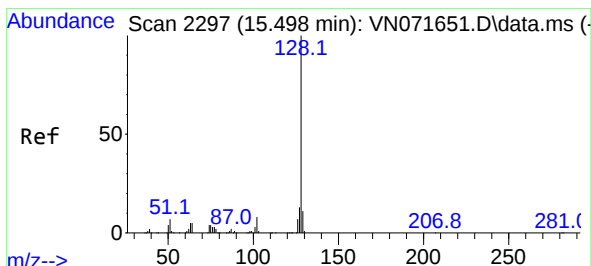
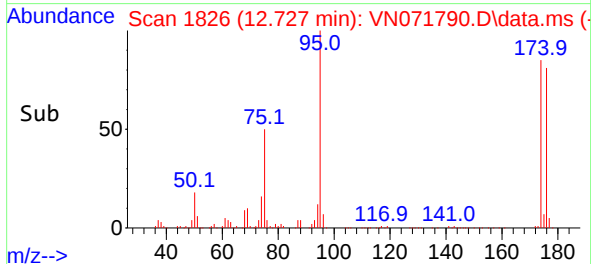
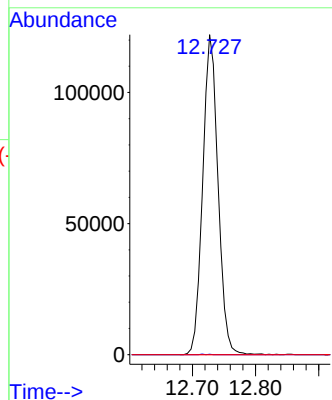
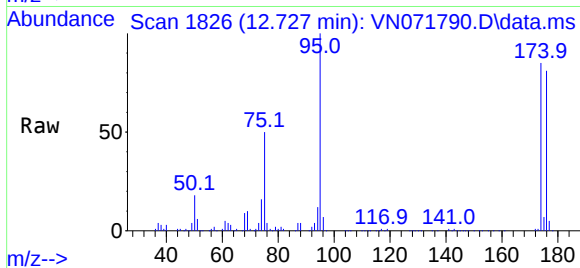




#81
trans-1,4-Dichloro-2-butene
Concen: 72.181 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Instrument :
MSVOA_N
ClientSampleId :
MW-32

Tgt Ion: 75 Resp: 205099
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.830 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.005 min
Lab File: VN071790.D
Acq: 02 Apr 2022 06:59

Tgt Ion: 128 Resp: 514
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

