

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075790.D
 Acq On : 15 Dec 2022 01:16
 Operator : JC\MD
 Sample : N5990-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB120922

Quant Time: Dec 15 03:16:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

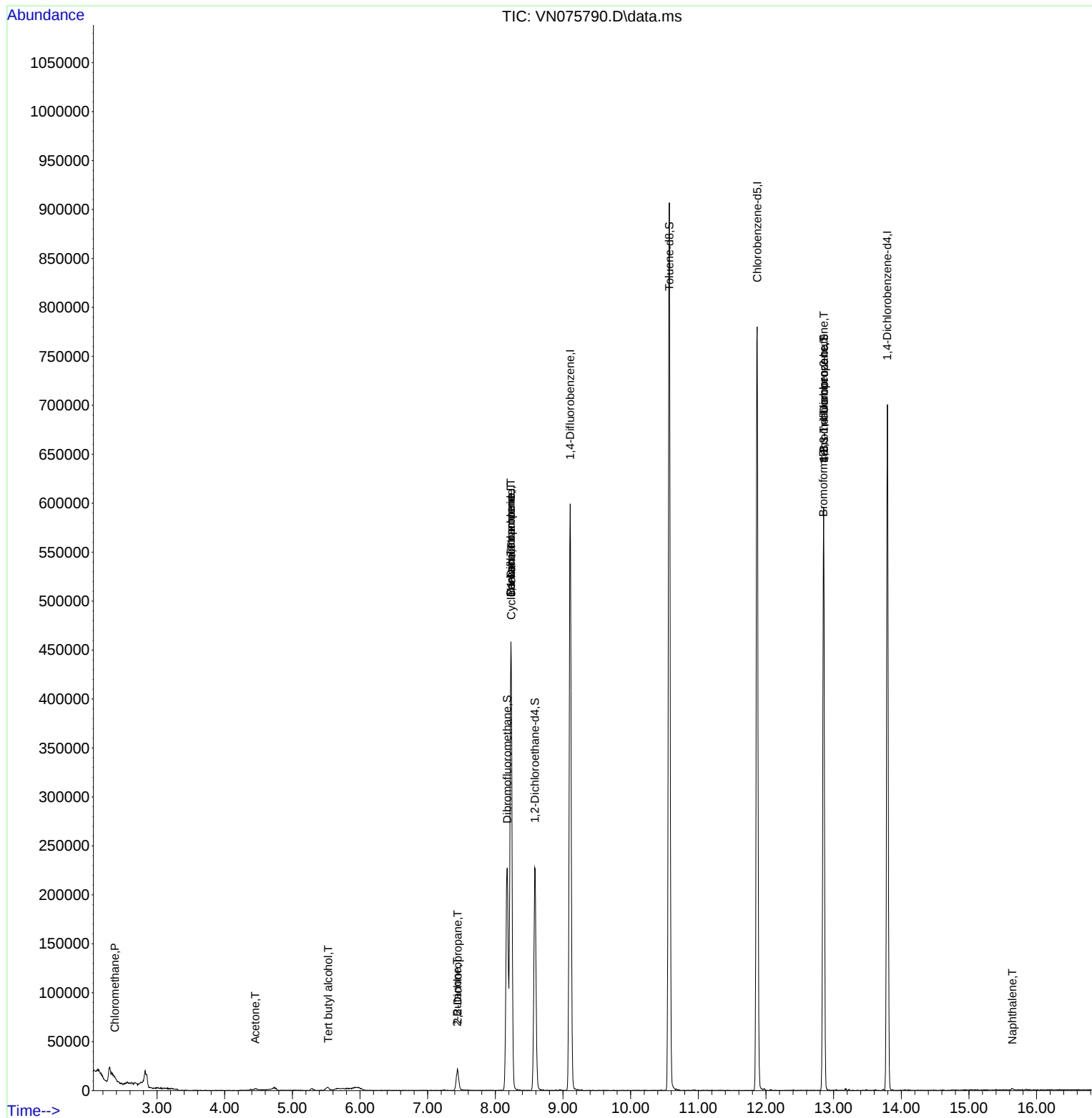
Internal Standards						
1) Pentafluorobenzene	8.230	168	357196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	556254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	483214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198501	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	182539	46.974	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.940%
35) Dibromofluoromethane	8.177	113	166710	48.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	10.571	98	647156	50.246	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.853	95	202194	47.398	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.800%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	707	0.224	ug/l #	40
11) Tert butyl alcohol	5.530	59	2808	5.107	ug/l #	72
16) Acetone	4.453	43	2478	1.850	ug/l	93
20) Methylene Chloride	5.289	84	1600	Below Cal	#	68
25) 2-Butanone	7.436	43	684	0.365	ug/l #	40
26) 2,2-Dichloropropane	7.441	77	1396	0.275	ug/l #	50
31) Cyclohexane	8.235	56	6372	1.145	ug/l #	7
36) 1,1-Dichloropropene	8.230	75	25177	5.502	ug/l #	49
38) Carbon Tetrachloride	8.230	117	34247	6.687	ug/l #	15
71) Bromoform	12.847	173	1528	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	101347	25.329	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	101347	91.170	ug/l #	12
95) Naphthalene	15.641	128	2660	2.413	ug/l #	72

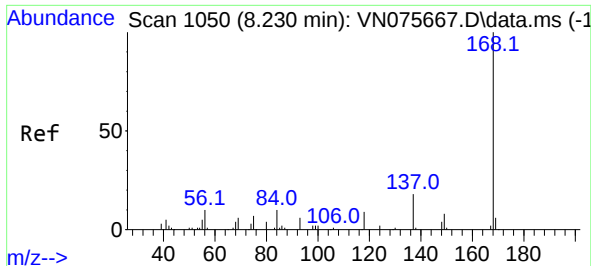
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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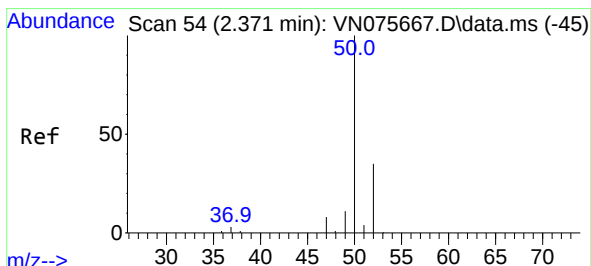
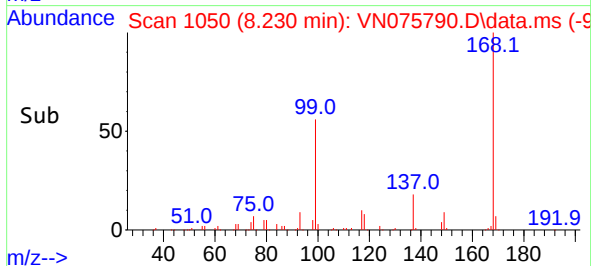
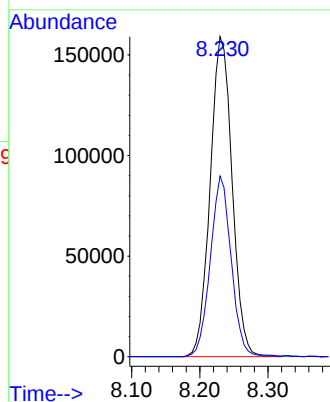
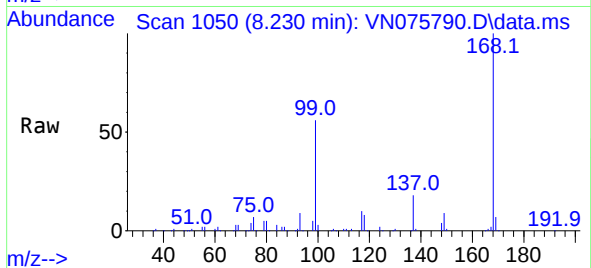




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

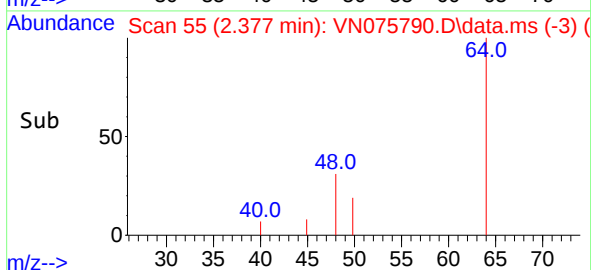
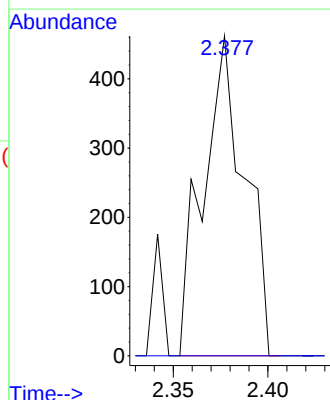
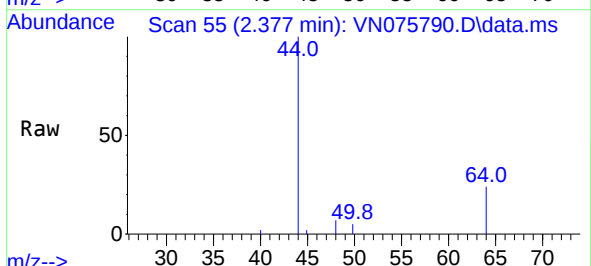
Instrument :
MSVOA_N
ClientSampleId :
FB120922

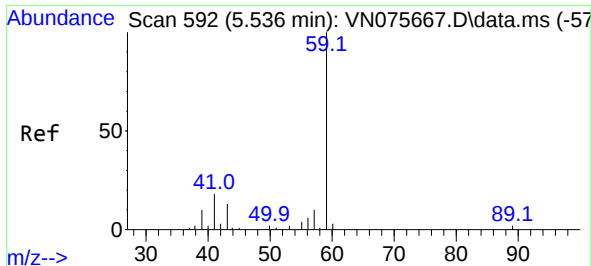
Tgt Ion:168 Resp: 357196
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#3
Chloromethane
Concen: 0.224 ug/l
RT: 2.377 min Scan# 55
Delta R.T. 0.006 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion: 50 Resp: 707
Ion Ratio Lower Upper
50 100
52 0.0 27.7 41.5#

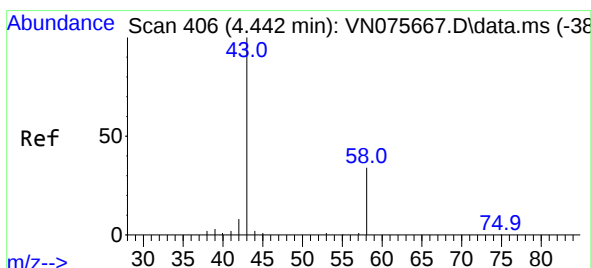
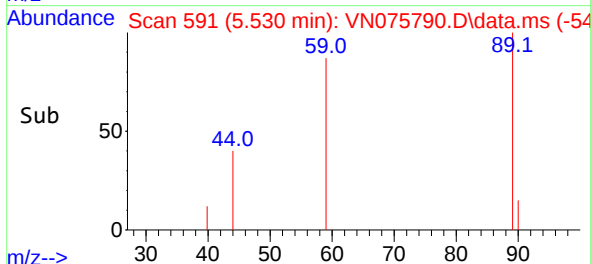
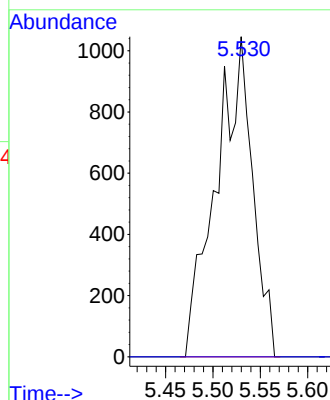
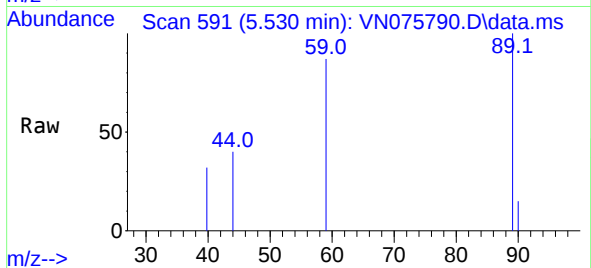




#11
Tert butyl alcohol
Concen: 5.107 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

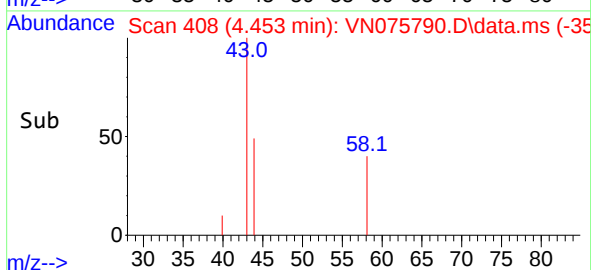
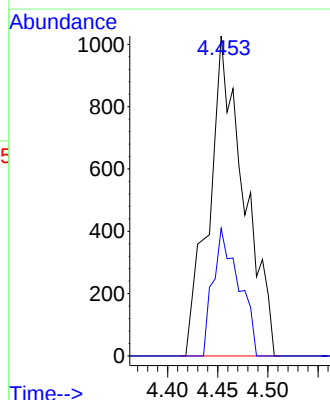
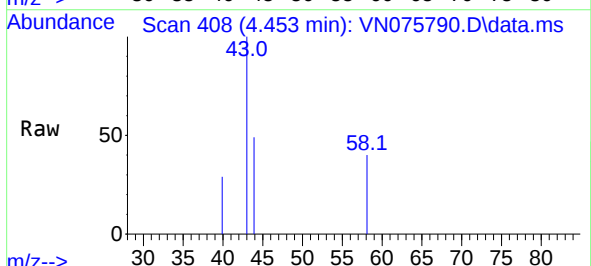
Instrument :
MSVOA_N
ClientSampleId :
FB120922

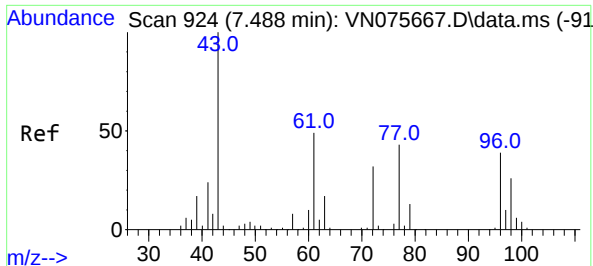
Tgt Ion: 59 Resp: 2808
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 1.850 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion: 43 Resp: 2478
Ion Ratio Lower Upper
43 100
58 39.8 28.6 43.0

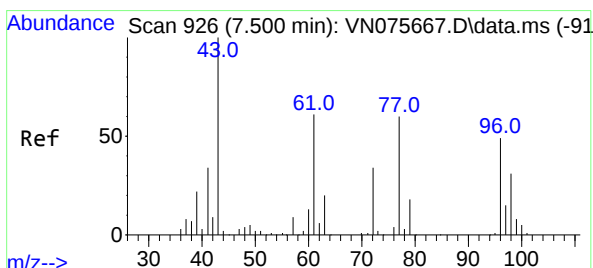
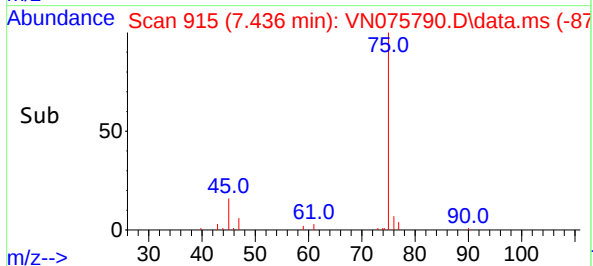
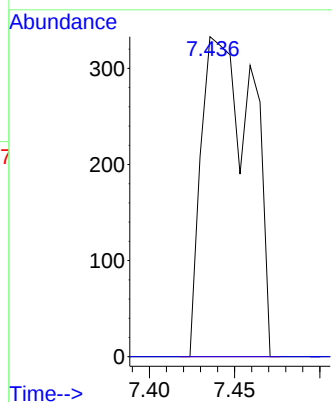
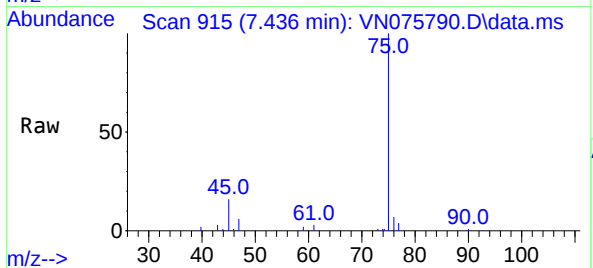




#25
2-Butanone
Concen: 0.365 ug/l
RT: 7.436 min Scan# 915
Delta R.T. -0.053 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

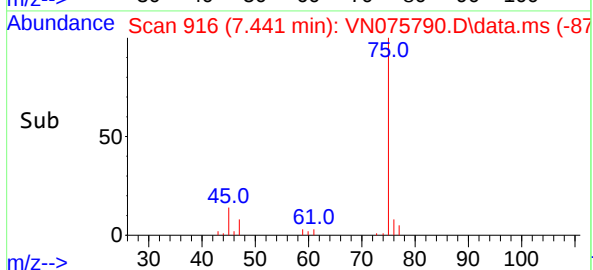
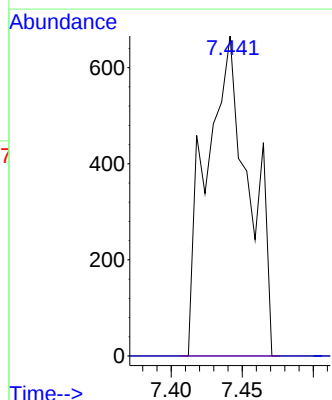
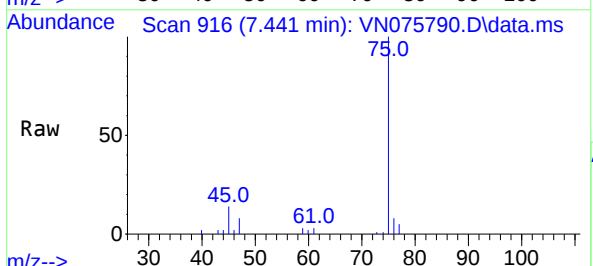
Instrument :
MSVOA_N
ClientSampleId :
FB120922

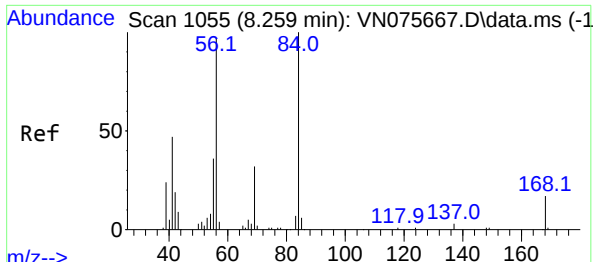
Tgt Ion: 43 Resp: 684
Ion Ratio Lower Upper
43 100
72 0.0 28.0 42.0#



#26
2,2-Dichloropropane
Concen: 0.275 ug/l
RT: 7.441 min Scan# 916
Delta R.T. -0.053 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

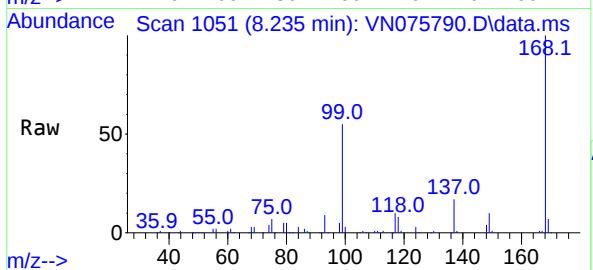
Tgt Ion: 77 Resp: 1396
Ion Ratio Lower Upper
77 100
97 0.0 12.7 38.0#



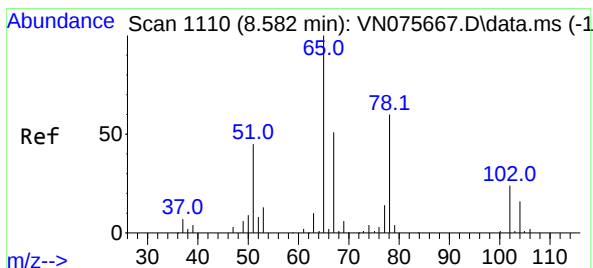
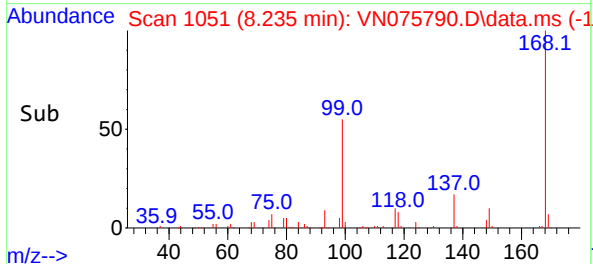
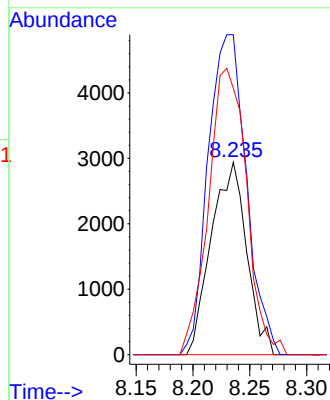


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.029 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
FB120922

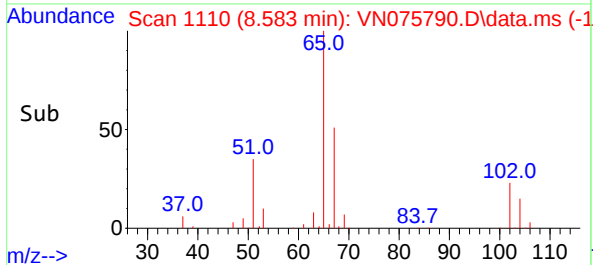
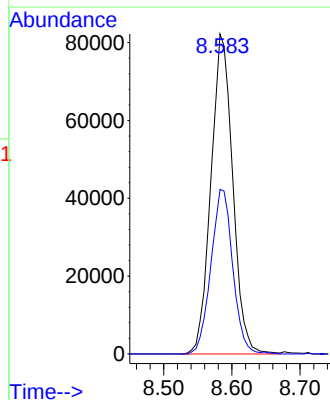
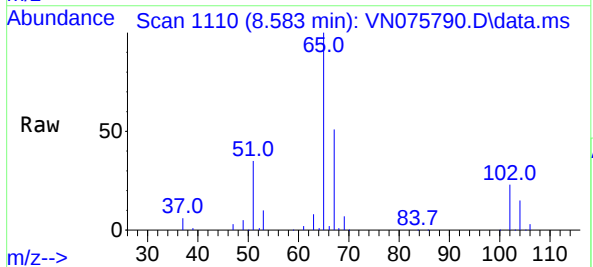


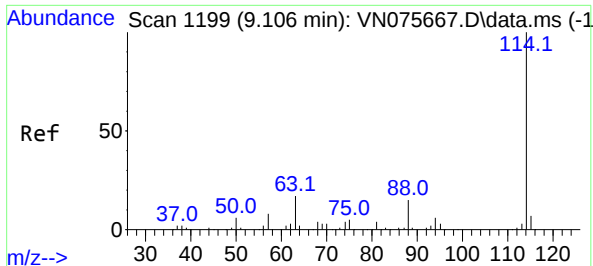
Tgt Ion: 56 Resp: 6372
Ion Ratio Lower Upper
56 100
69 166.3 24.7 37.1#
84 138.5 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.974 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion: 65 Resp: 182539
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

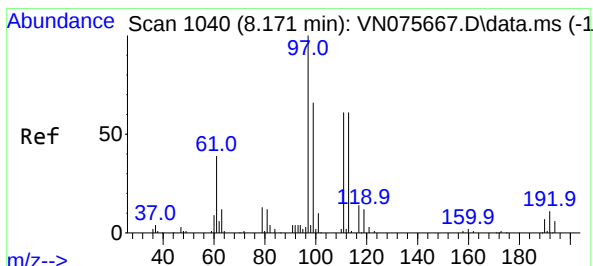
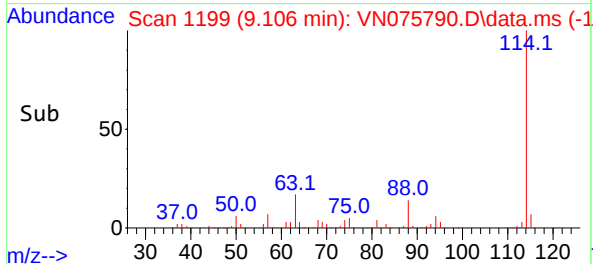
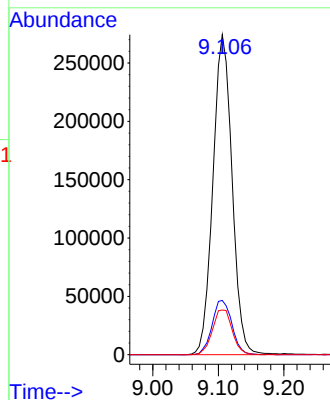
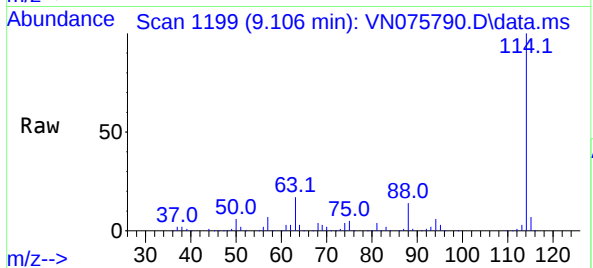




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

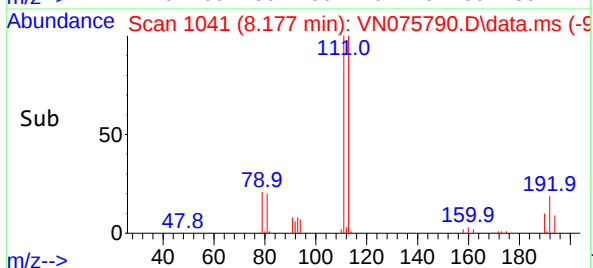
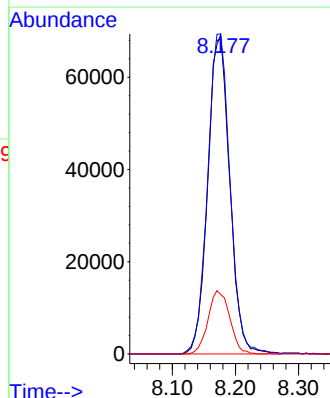
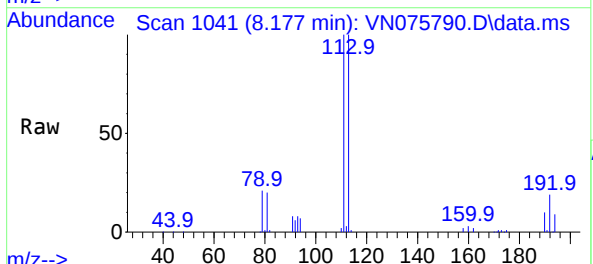
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MSVOA_N
ClientSampleId :
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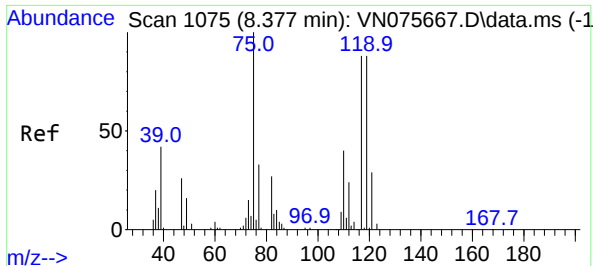
Tgt Ion:114 Resp: 556254
Ion Ratio Lower Upper
114 100
63 16.9 0.0 34.4
88 14.0 0.0 28.8



#35
Dibromofluoromethane
Concen: 48.395 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion:113 Resp: 166710
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 19.7 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.502 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075790.D

Acq: 15 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

FB120922

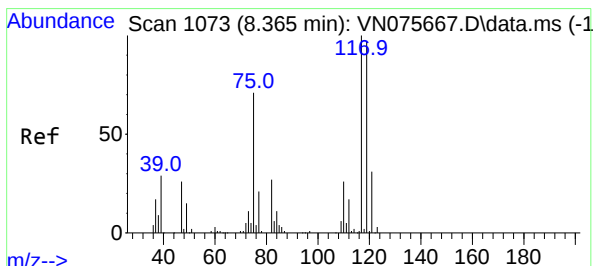
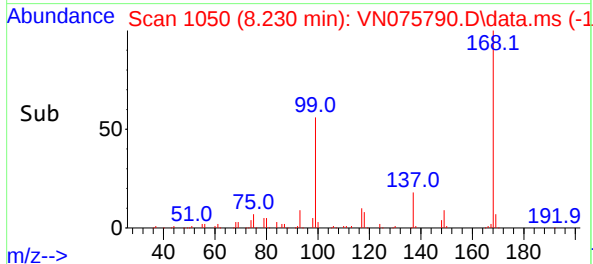
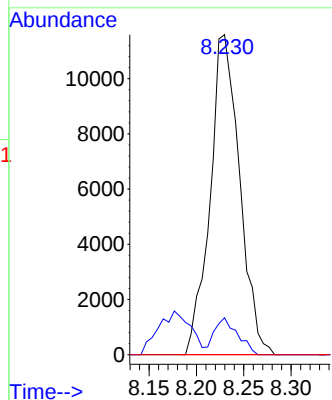
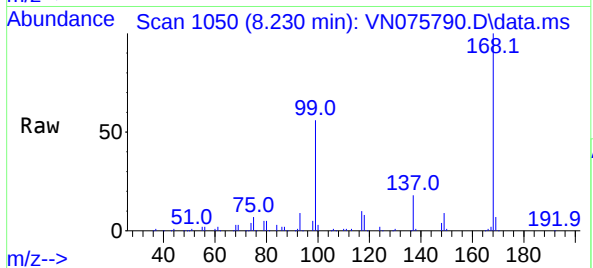
Tgt Ion: 75 Resp: 25177

Ion Ratio Lower Upper

75 100

110 9.2 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.687 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN075790.D

Acq: 15 Dec 2022 01:16

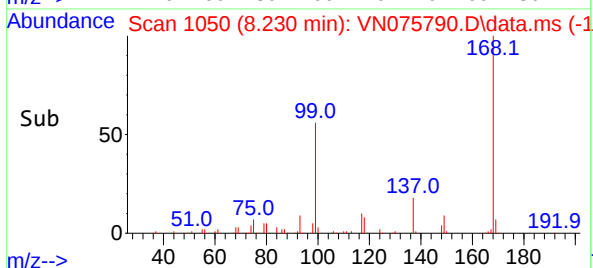
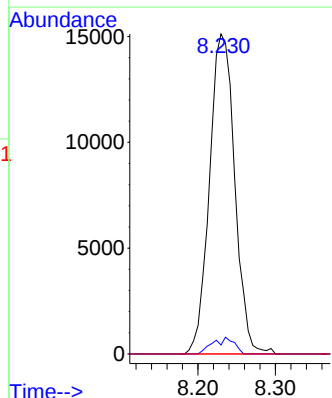
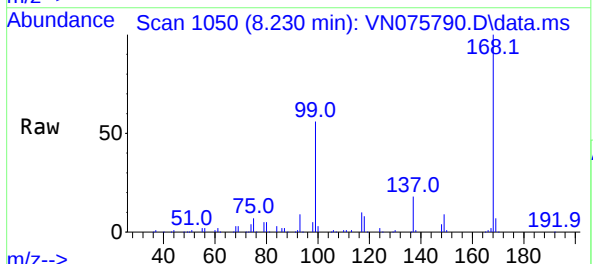
Tgt Ion: 117 Resp: 34247

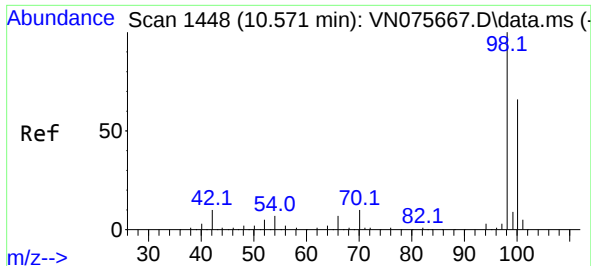
Ion Ratio Lower Upper

117 100

119 2.8 76.1 114.1#

121 0.0 24.5 36.7#

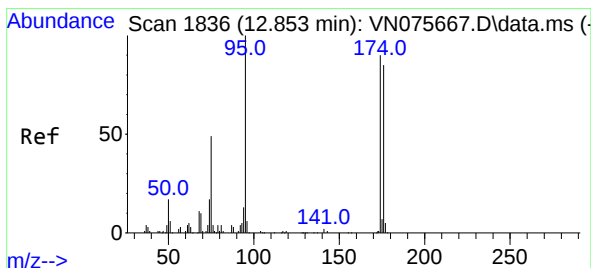
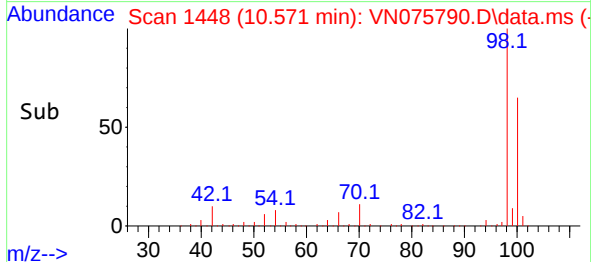
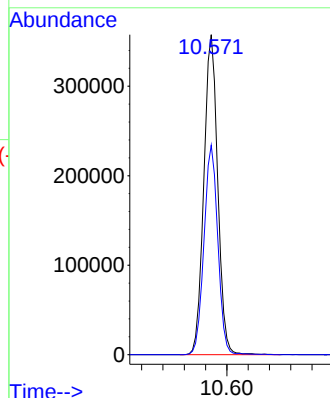
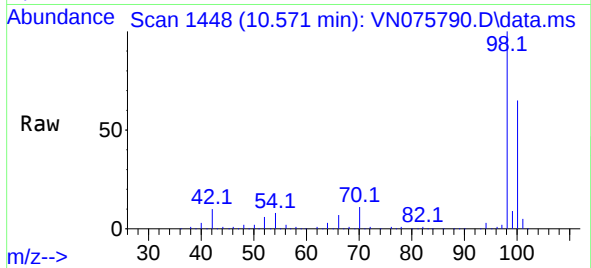




#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

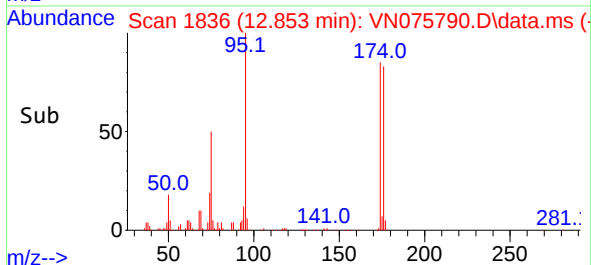
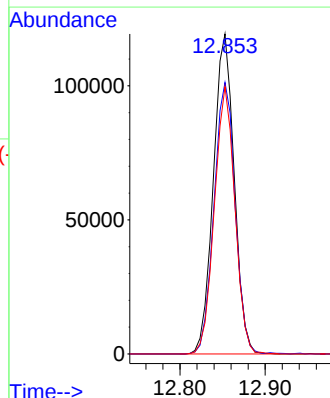
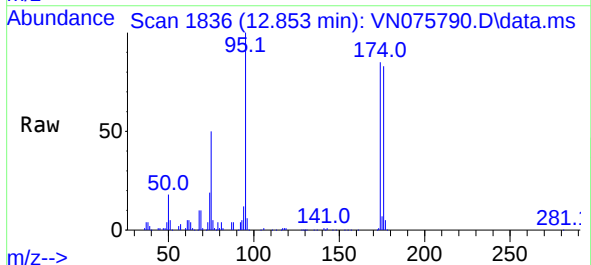
Instrument :
MSVOA_N
ClientSampleId :
FB120922

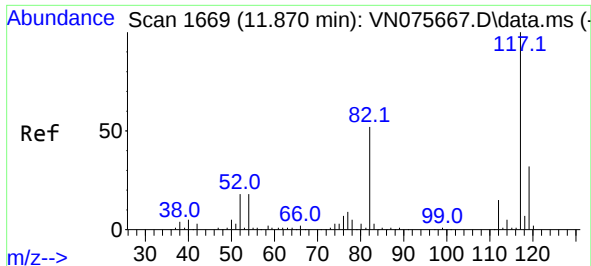
Tgt Ion: 98 Resp: 647156
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.398 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion: 95 Resp: 202194
Ion Ratio Lower Upper
95 100
174 85.8 0.0 171.6
176 82.2 0.0 169.2

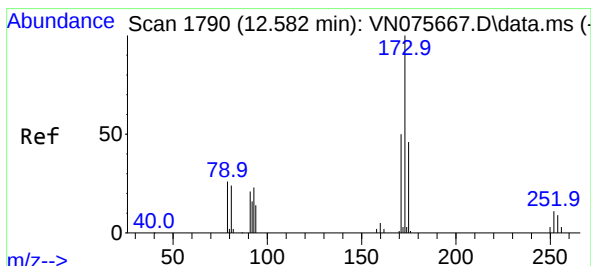
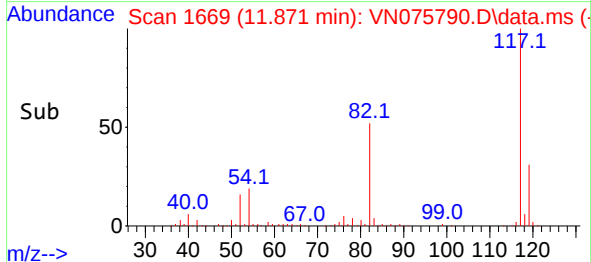
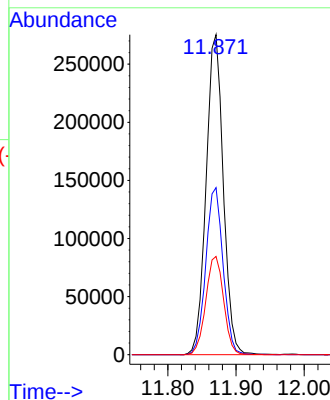
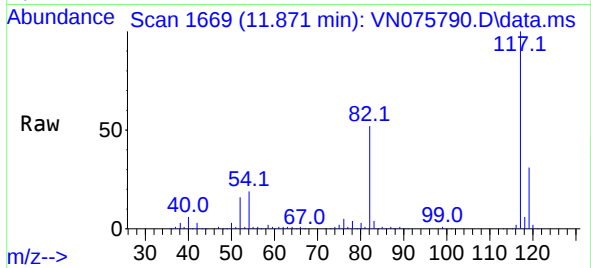




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

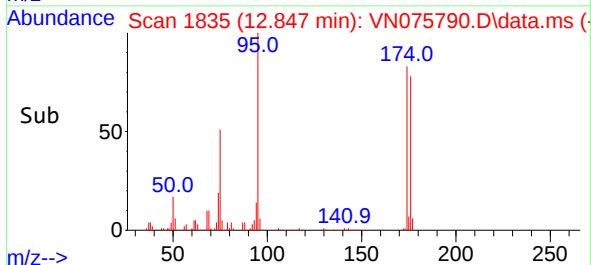
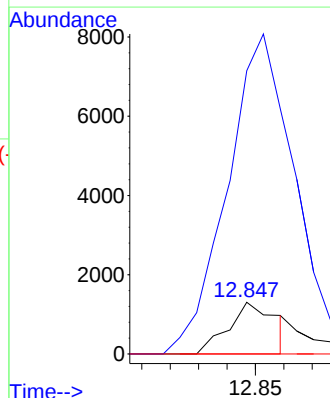
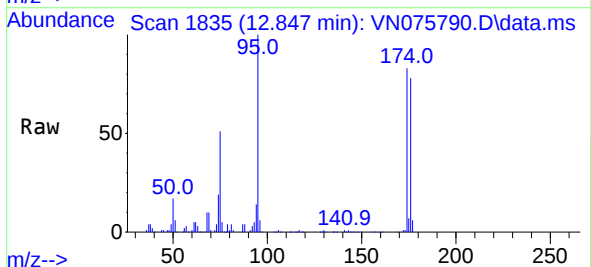
Instrument :
MSVOA_N
ClientSampleId :
FB120922

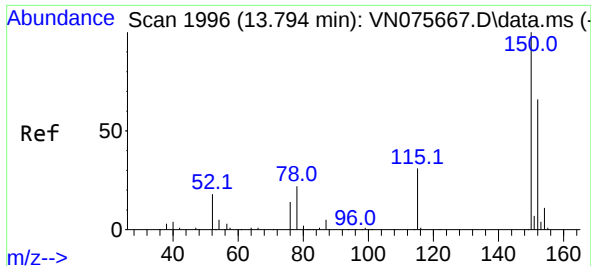
Tgt Ion:117 Resp: 483214
Ion Ratio Lower Upper
117 100
82 52.2 41.3 61.9
119 30.7 24.6 37.0



#71
Bromoform
Concen: 0.572 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion:173 Resp: 1528
Ion Ratio Lower Upper
173 100
175 694.4 24.3 72.8#
254 0.0 0.0 0.0

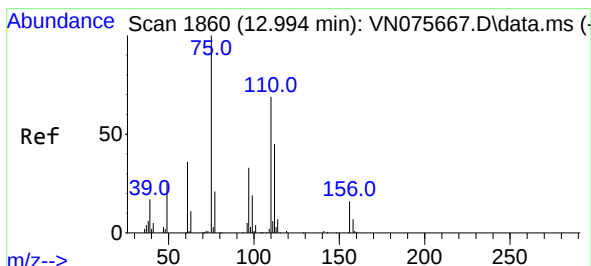
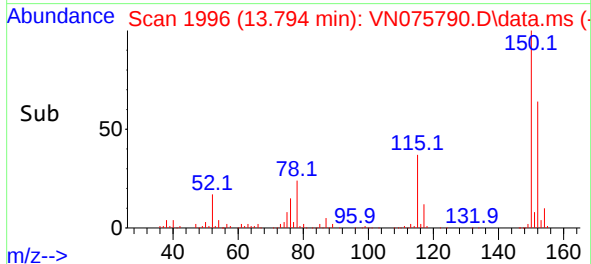
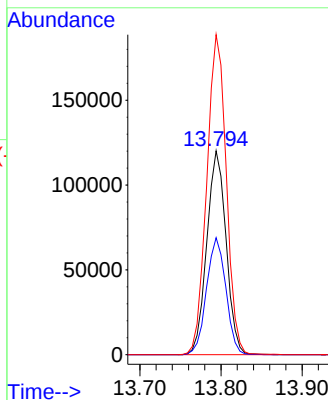
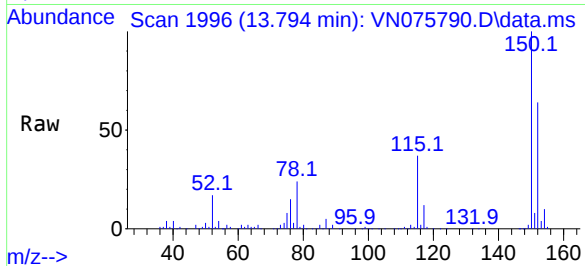




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

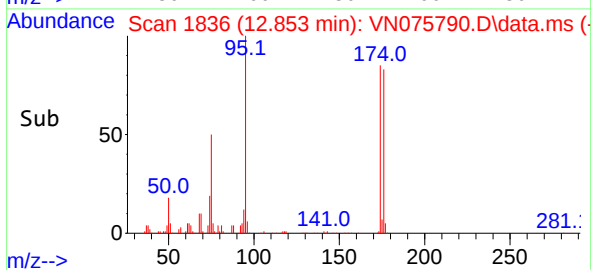
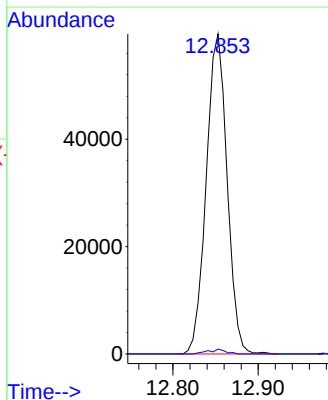
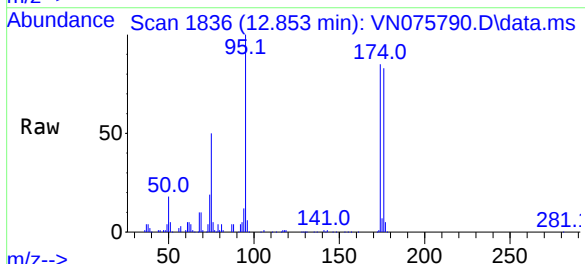
Instrument :
MSVOA_N
ClientSampleId :
FB120922

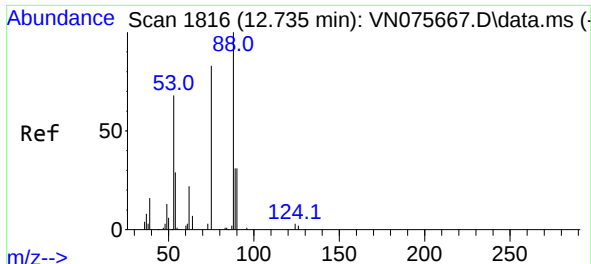
Tgt Ion:152 Resp: 198501
Ion Ratio Lower Upper
152 100
115 57.4 29.1 87.4
150 158.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 25.329 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion: 75 Resp: 101347
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#

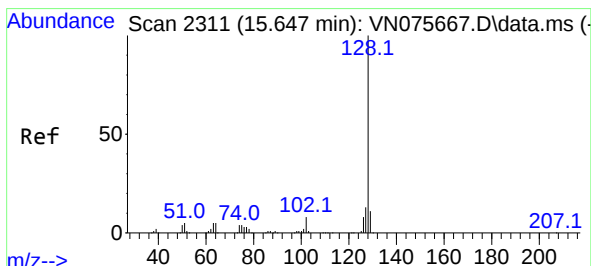
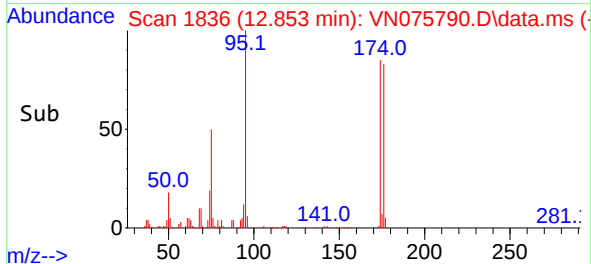
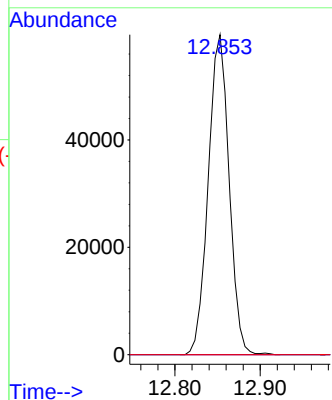
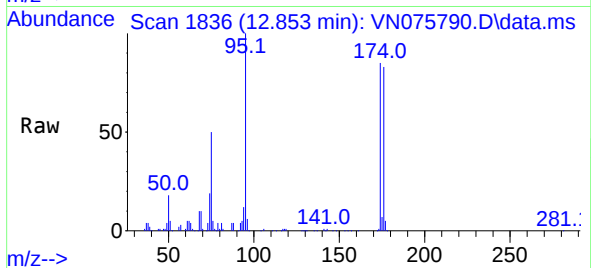




#81
trans-1,4-Dichloro-2-butene
Concen: 91.170 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
FB120922

Tgt Ion: 75 Resp: 101347
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.413 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075790.D
Acq: 15 Dec 2022 01:16

Tgt Ion:128 Resp: 2660
Ion Ratio Lower Upper
128 100
127 2.4 10.4 15.6#
129 0.0 8.7 13.1#

