

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075706.D
 Acq On : 12 Dec 2022 12:20
 Operator : JC\MD
 Sample : VN1212MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212MBL01

Quant Time: Dec 13 01:31:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

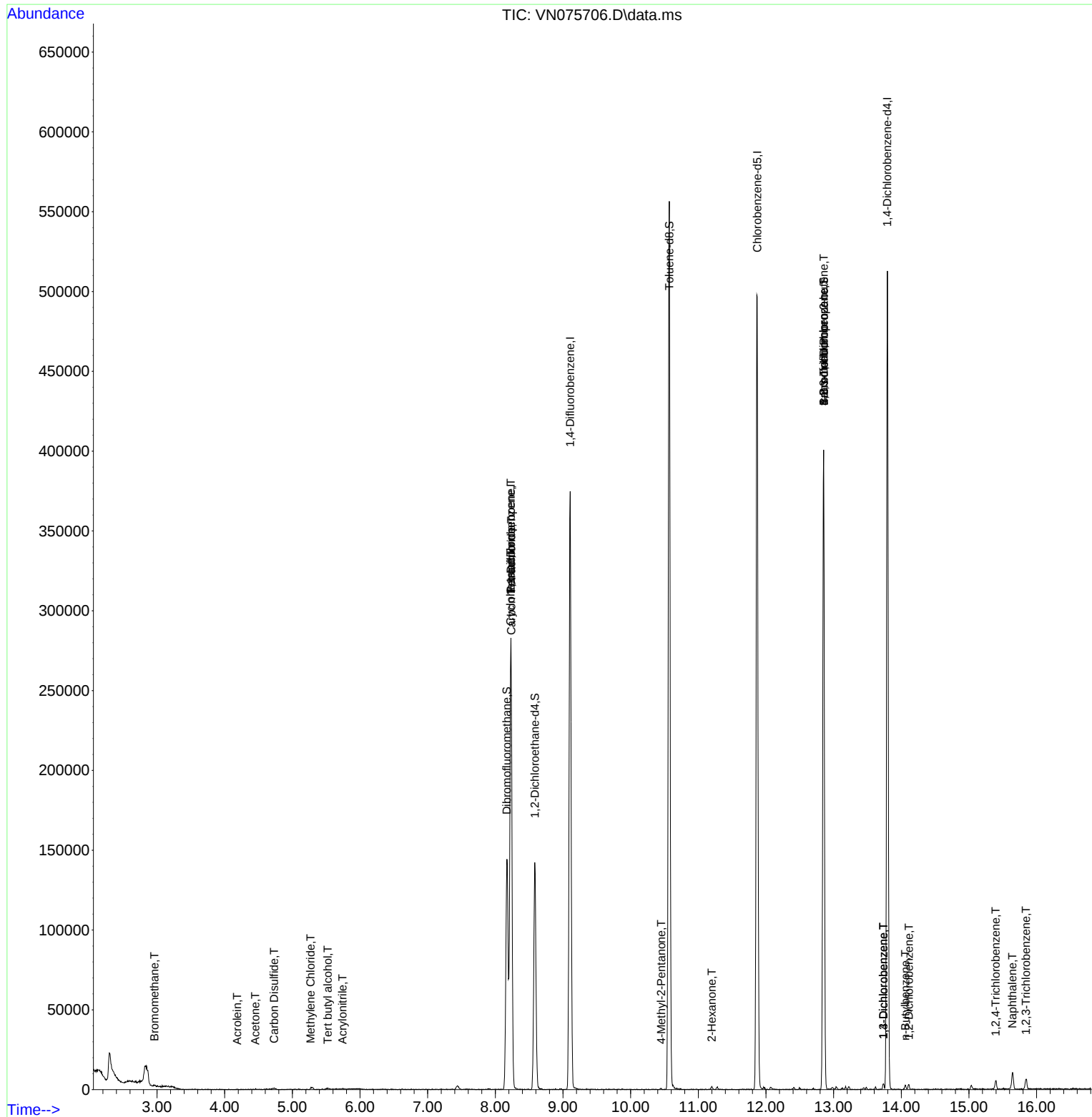
Internal Standards						
1) Pentafluorobenzene	8.230	168	223164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	312122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	114574	48.388	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.780%
35) Dibromofluoromethane	8.171	113	104998	49.243	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.480%
50) Toluene-d8	10.571	98	402304	50.240	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.480%
62) 4-Bromofluorobenzene	12.853	95	134521	49.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.260%
Target Compounds						
					Qvalue	
5) Bromomethane	2.959	94	475	0.232	ug/l #	43
11) Tert butyl alcohol	5.524	59	385	1.099	ug/l #	72
13) Acrolein	4.183	56	209	0.518	ug/l #	15
15) Acrylonitrile	5.742	53	253	0.280	ug/l #	35
16) Acetone	4.453	43	211	0.263	ug/l #	41
17) Carbon Disulfide	4.730	76	1124	0.222	ug/l #	74
20) Methylene Chloride	5.271	84	552	0.231	ug/l #	79
31) Cyclohexane	8.224	56	3951	1.127	ug/l #	21
36) 1,1-Dichloropropene	8.230	75	15990	5.648	ug/l #	48
38) Carbon Tetrachloride	8.236	117	21545	6.594	ug/l #	15
51) 4-Methyl-2-Pentanone	10.453	43	630	0.269	ug/l #	32
59) 2-Hexanone	11.200	43	1381	0.812	ug/l	81
71) Bromoform	12.853	173	1103	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	67860	22.983	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67860	73.544	ug/l #	13
87) 1,3-Dichlorobenzene	13.735	146	1732	0.349	ug/l	96
88) 1,4-Dichlorobenzene	13.735	146	1732	0.343	ug/l	97
89) n-Butylbenzene	14.059	91	2139	0.290	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	1874	0.379	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	2473	1.043	ug/l	97
95) Naphthalene	15.641	128	12264	1.749	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	3092	1.327	ug/l	97

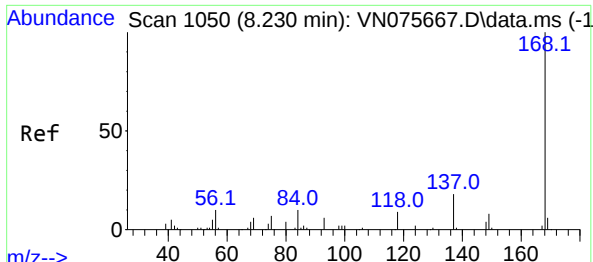
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
Data File : VN075706.D
Acq On : 12 Dec 2022 12:20
Operator : JC\MD
Sample : VN1212MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration

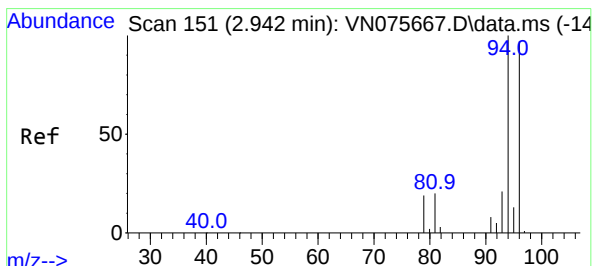
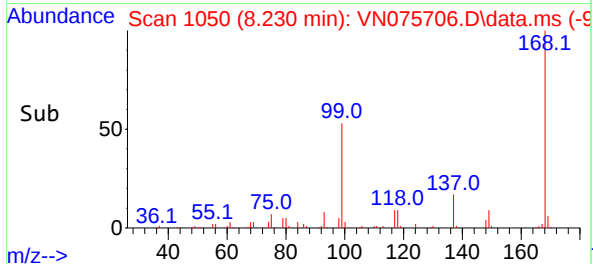
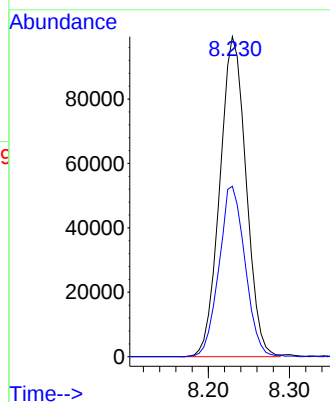
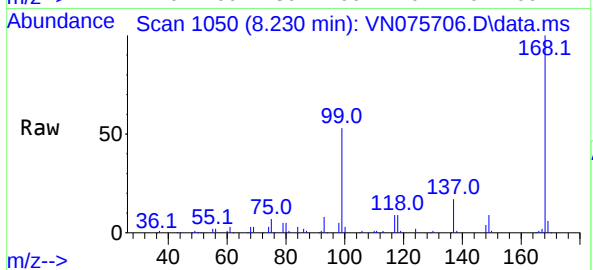




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

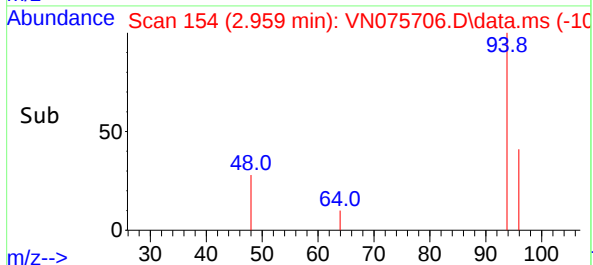
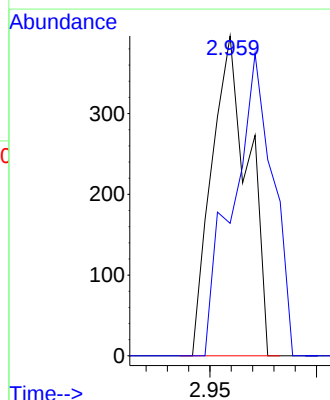
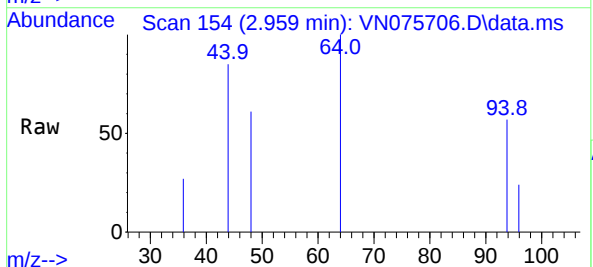
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

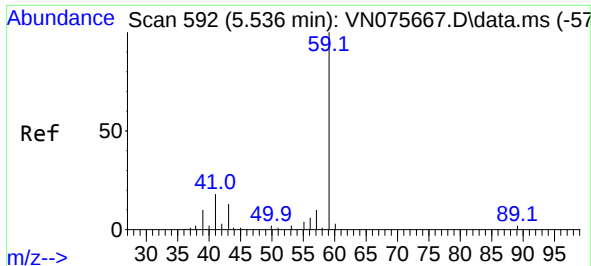
Tgt Ion:168 Resp: 223164
Ion Ratio Lower Upper
168 100
99 53.3 41.2 61.8



#5
Bromomethane
Concen: 0.232 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.018 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 41.4 77.6 116.4#

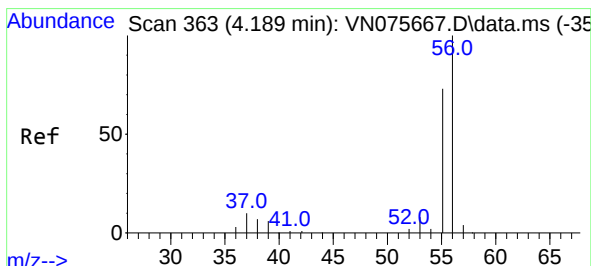
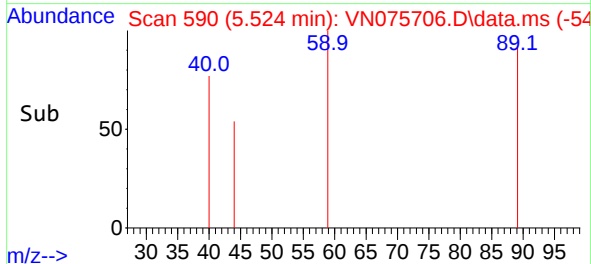
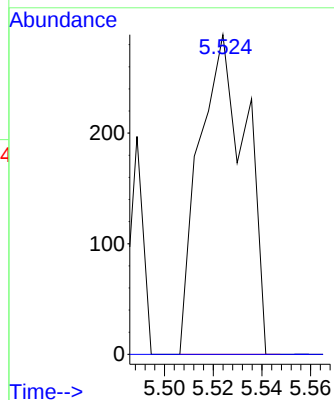
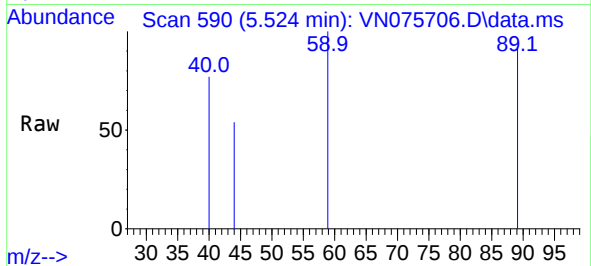




#11
Tert butyl alcohol
Concen: 1.099 ug/l
RT: 5.524 min Scan# 59
Delta R.T. -0.012 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

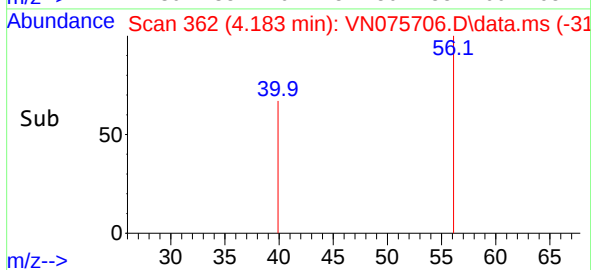
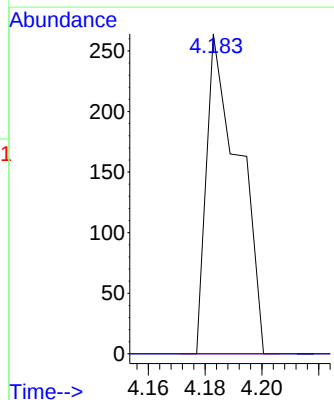
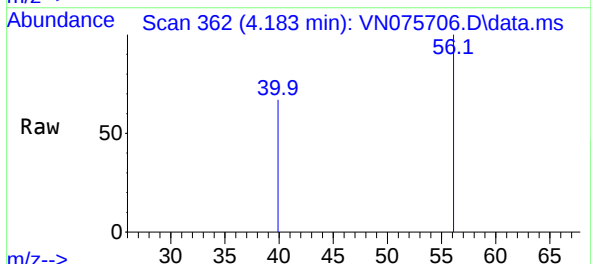
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

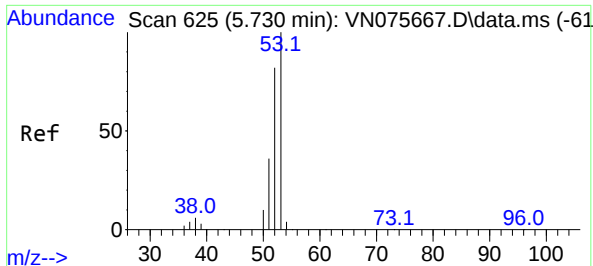
Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.518 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.006 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

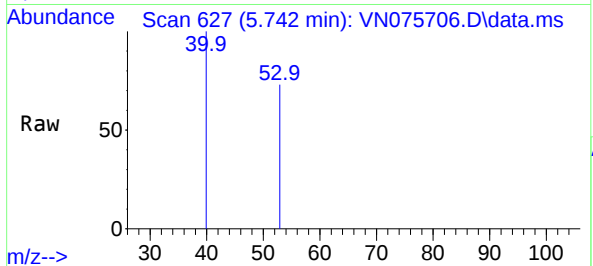
Tgt Ion: 56 Resp: 209
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



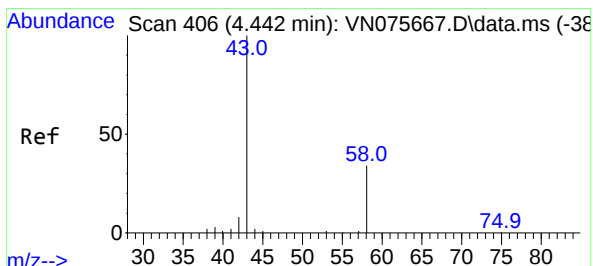
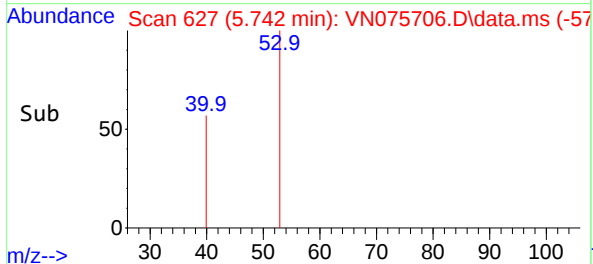
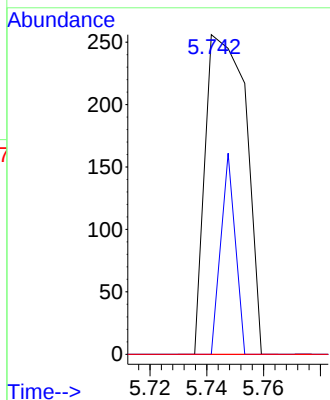


#15
Acrylonitrile
Concen: 0.280 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

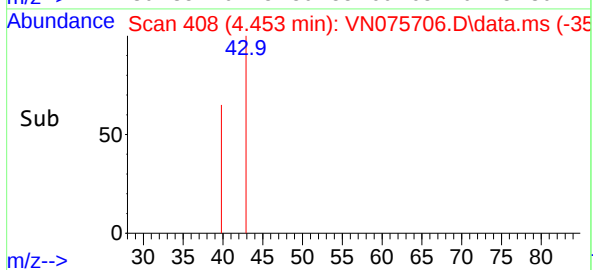
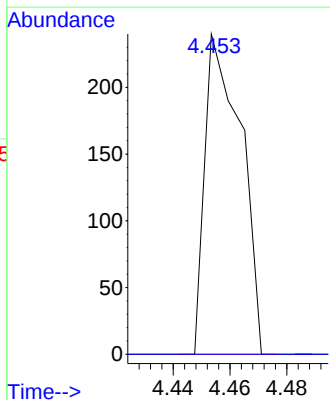
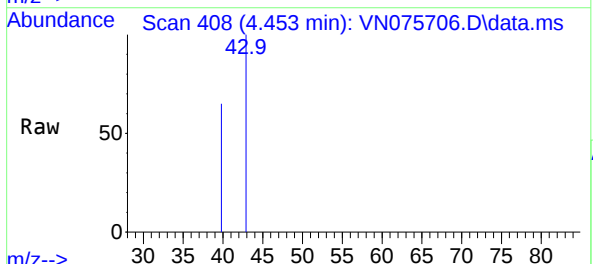


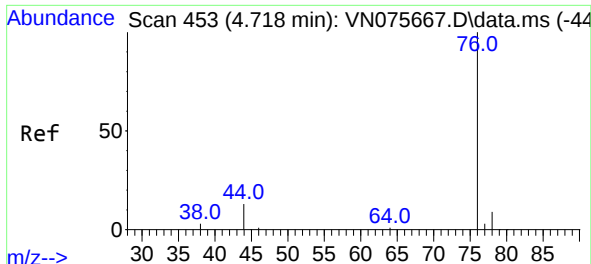
Tgt Ion: 53 Resp: 253
Ion Ratio Lower Upper
53 100
52 22.5 65.0 97.4#
51 0.0 28.9 43.3#



#16
Acetone
Concen: 0.263 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.4#

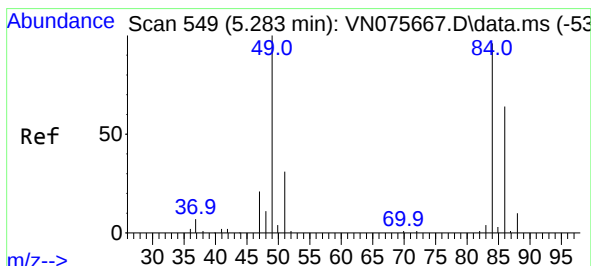
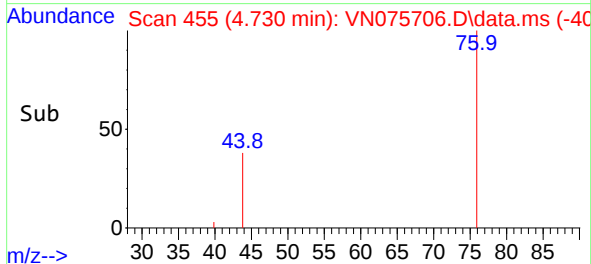
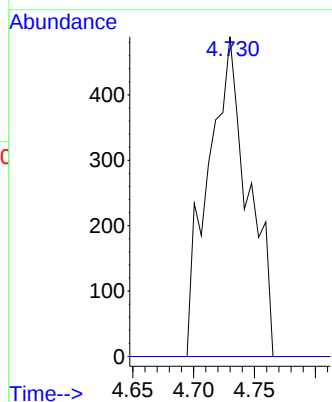
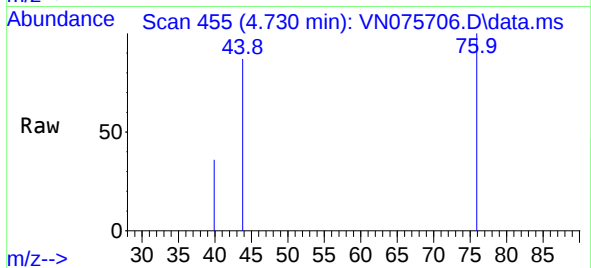




#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 4.730 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

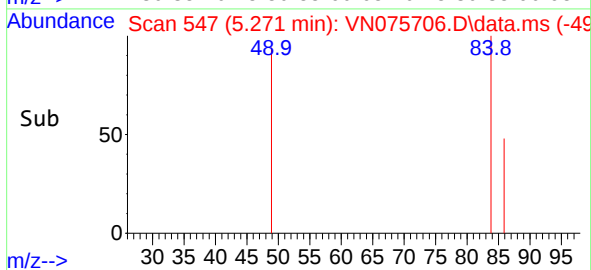
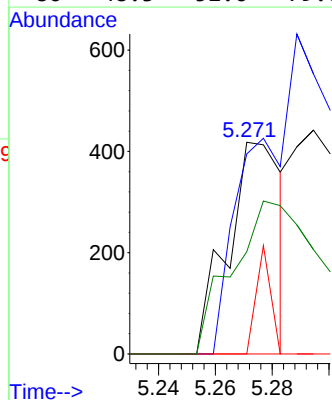
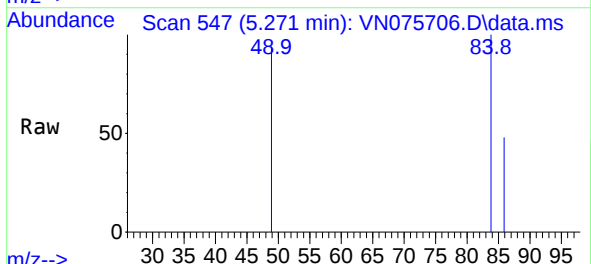
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

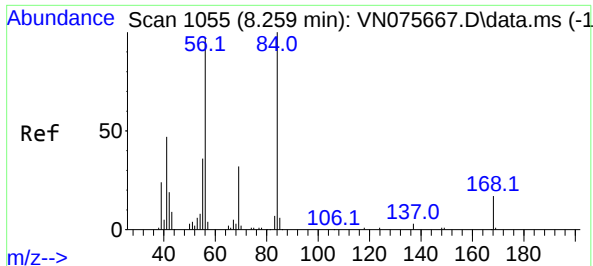
Tgt Ion: 76 Resp: 1124
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 5.271 min Scan# 547
Delta R.T. -0.012 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 84 Resp: 552
Ion Ratio Lower Upper
84 100
49 94.5 83.0 124.4
51 0.0 26.0 39.0#
86 48.3 52.6 79.0#

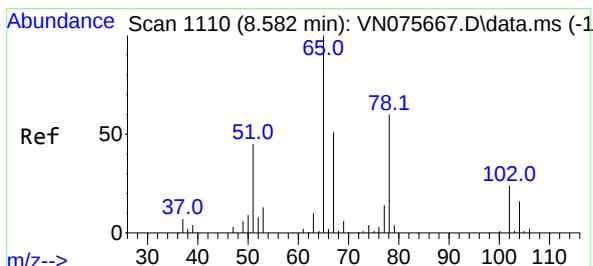
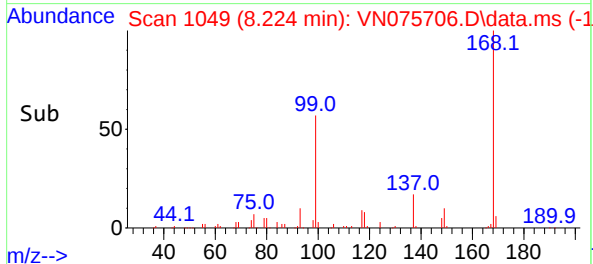
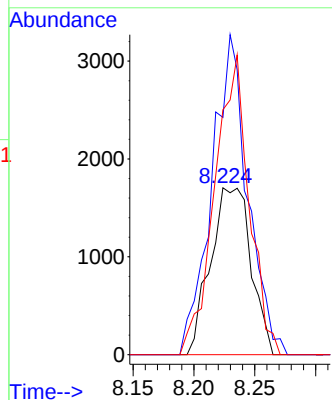
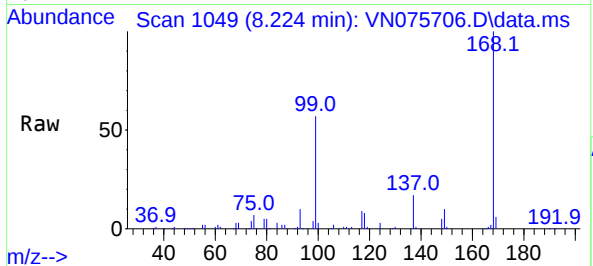




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

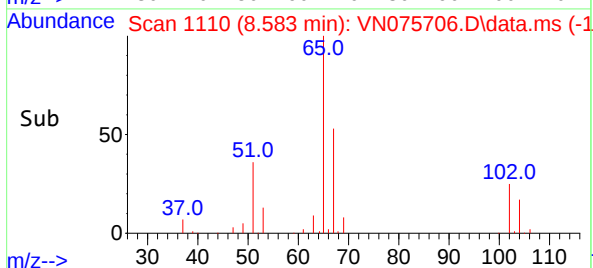
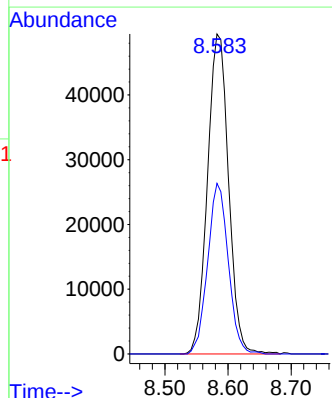
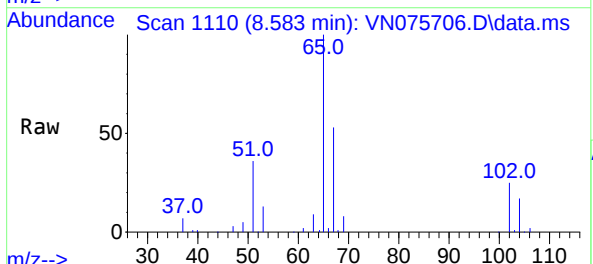
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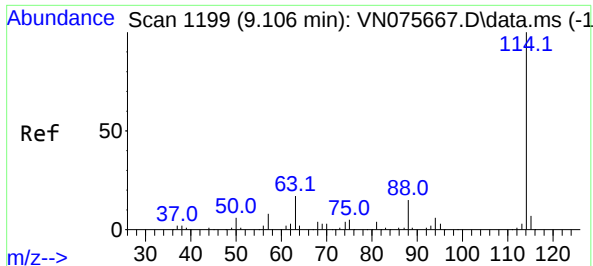
Tgt Ion: 56 Resp: 3951
Ion Ratio Lower Upper
56 100
69 142.1 26.2 39.2#
84 146.7 82.8 124.2#



#33
1,2-Dichloroethane-d4
Concen: 48.388 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 65 Resp: 114574
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.2

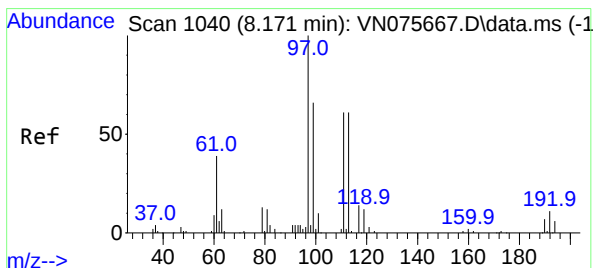
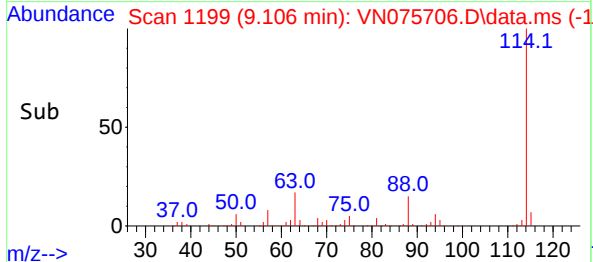
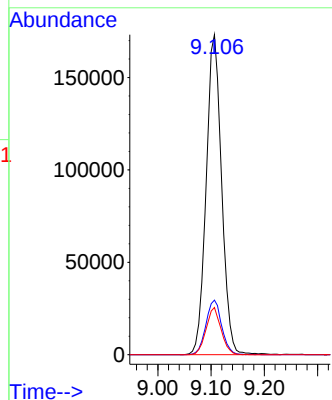
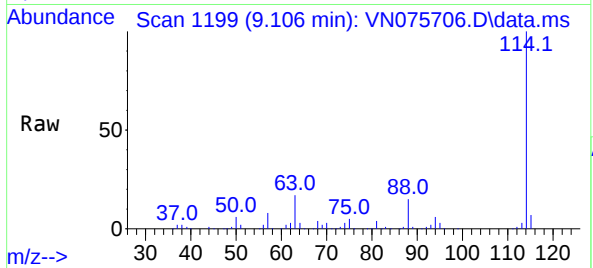




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

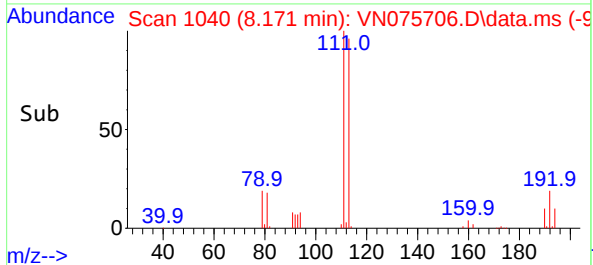
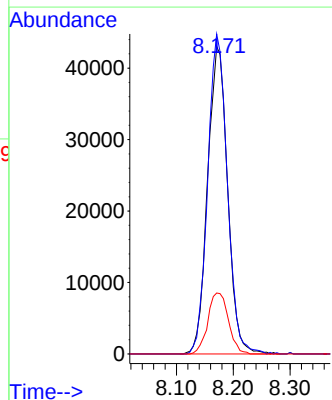
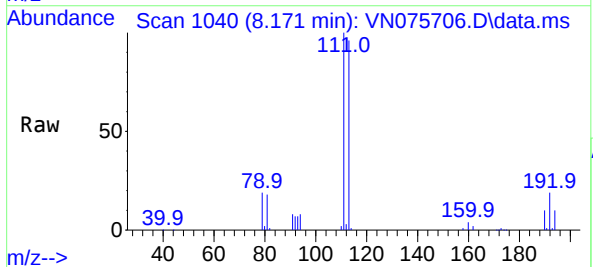
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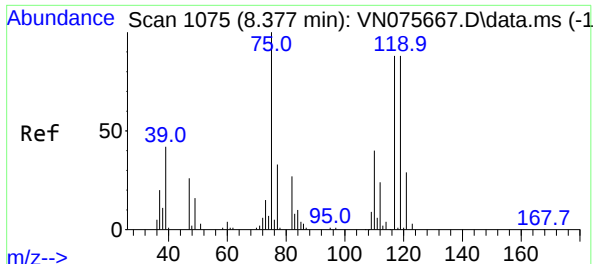
Tgt Ion:114 Resp: 349485
Ion Ratio Lower Upper
114 100
63 17.0 0.0 34.4
88 14.7 0.0 29.2



#35
Dibromofluoromethane
Concen: 49.243 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion:113 Resp: 104998
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.6
192 20.4 16.2 24.2

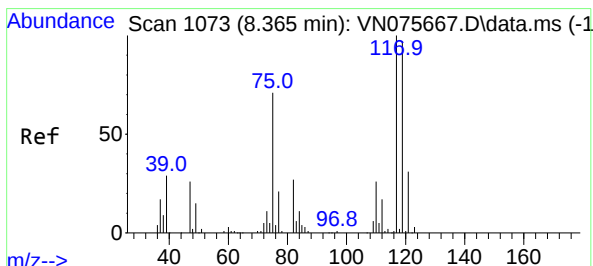
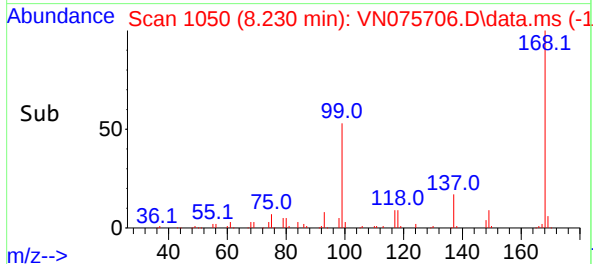
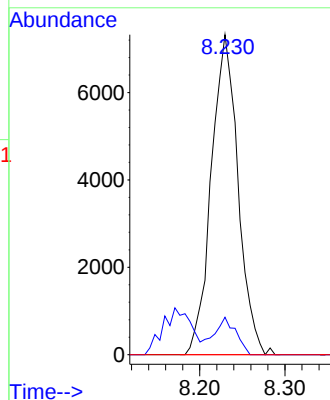
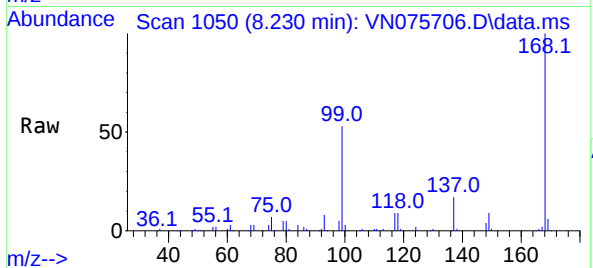




#36
1,1-Dichloropropene
Concen: 5.648 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

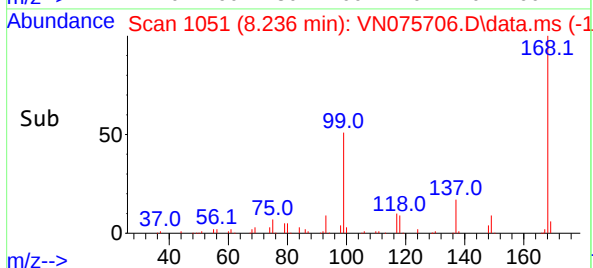
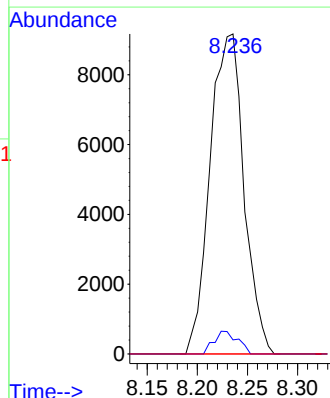
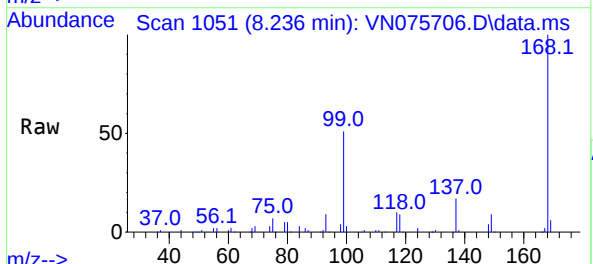
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MSVOA_N
ClientSampleId :
VN1212MBL01

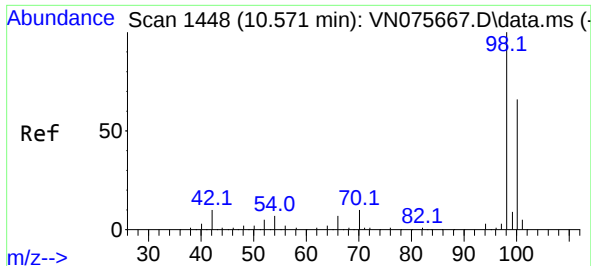
Tgt Ion: 75 Resp: 15990
Ion Ratio Lower Upper
75 100
110 9.1 18.9 56.9#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.594 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.129 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 117 Resp: 21545
Ion Ratio Lower Upper
117 100
119 4.4 77.2 115.8#
121 0.0 24.6 37.0#

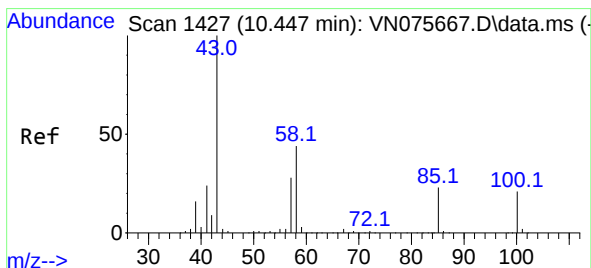
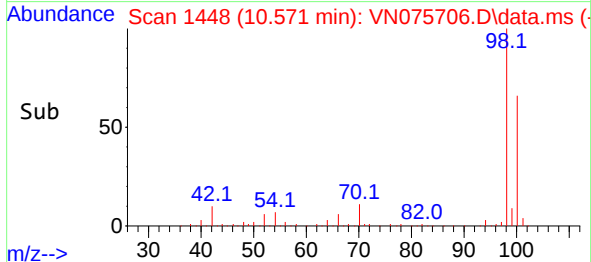
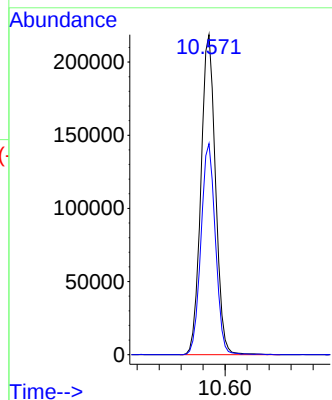
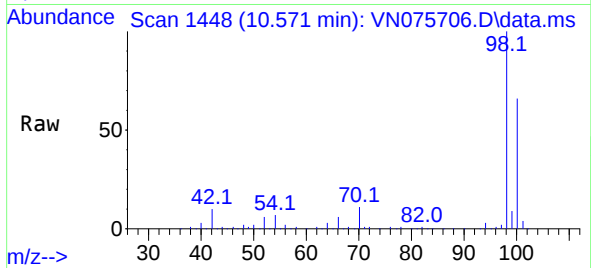




#50
Toluene-d8
Concen: 50.240 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

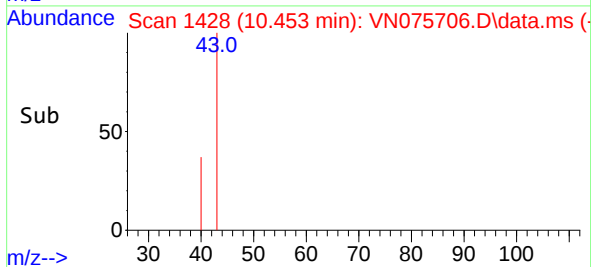
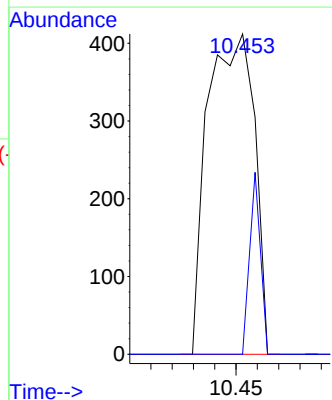
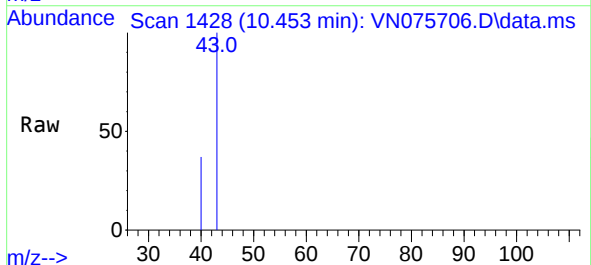
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

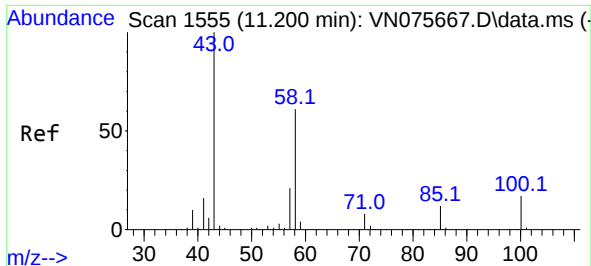
Tgt Ion: 98 Resp: 402304
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.269 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 0.0 35.0 52.6#

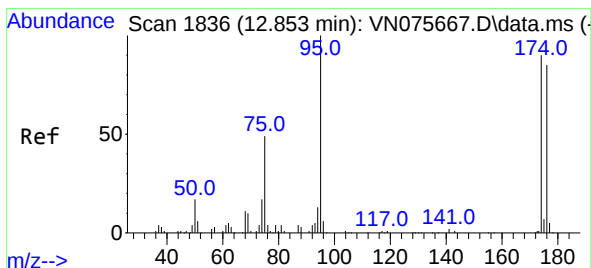
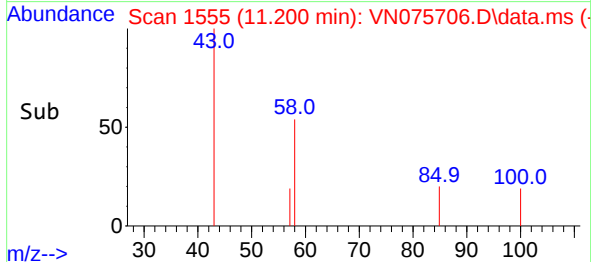
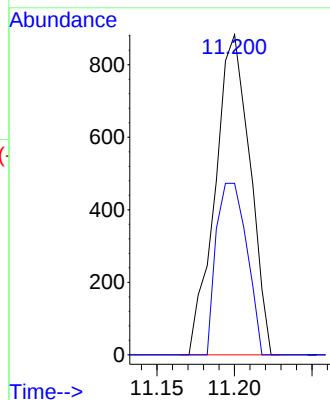
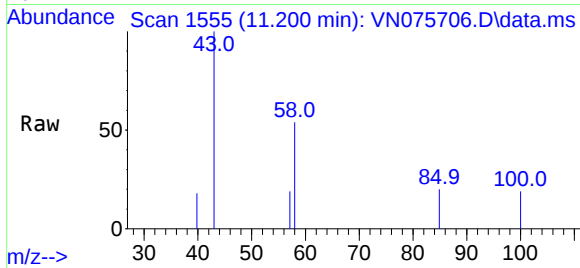




#59
2-Hexanone
Concen: 0.812 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

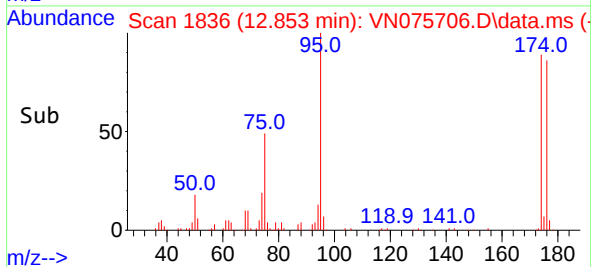
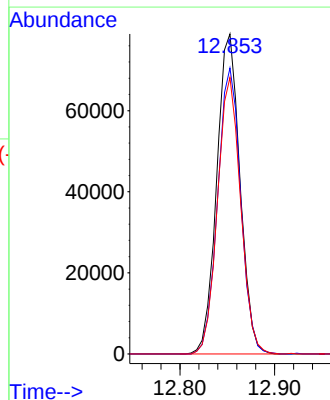
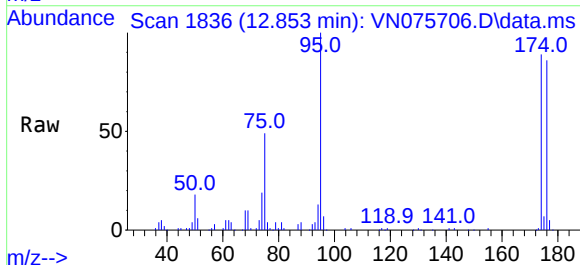
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

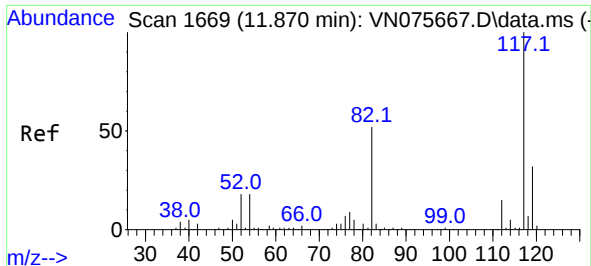
Tgt Ion: 43 Resp: 1381
Ion Ratio Lower Upper
43 100
58 46.9 30.9 92.5



#62
4-Bromofluorobenzene
Concen: 49.134 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 95 Resp: 134521
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.6
176 85.8 0.0 170.8

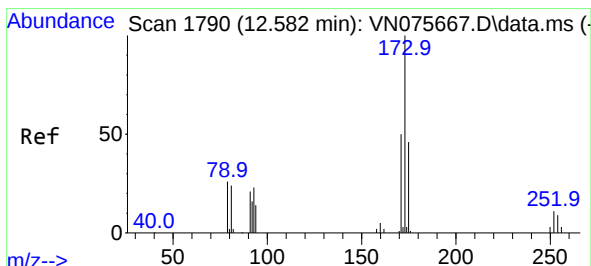
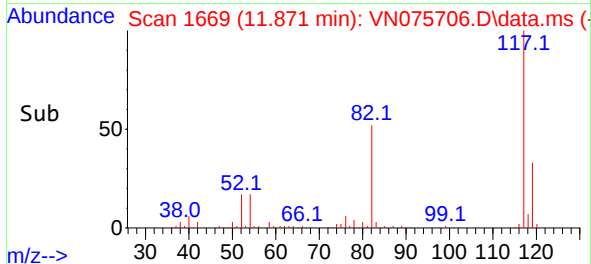
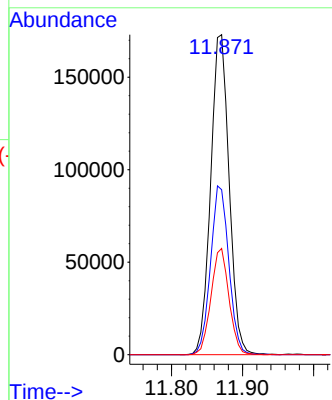
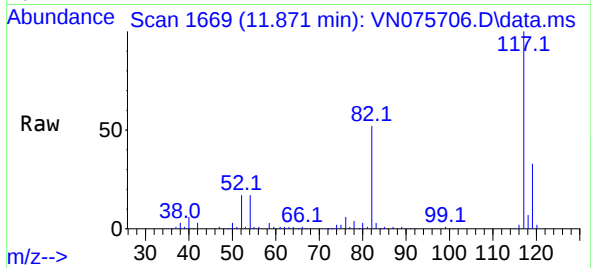




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

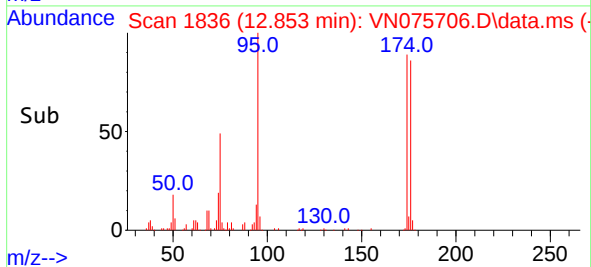
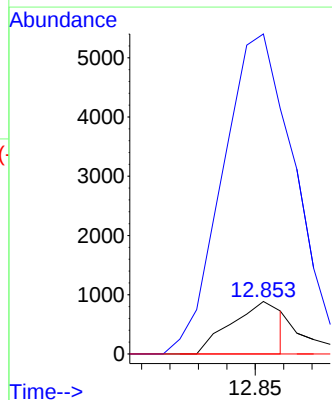
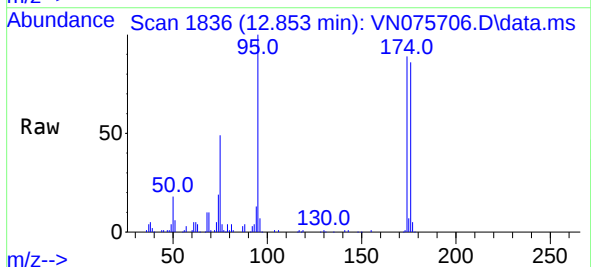
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

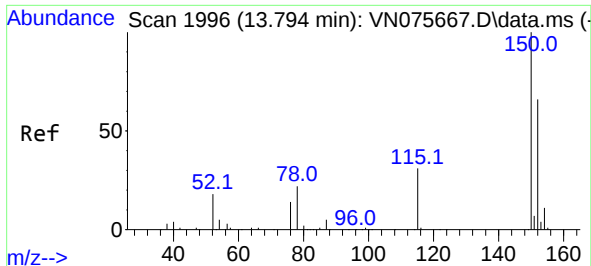
Tgt Ion:117 Resp: 312122
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 33.2 25.8 38.6



#71
Bromoform
Concen: 0.623 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion:173 Resp: 1103
Ion Ratio Lower Upper
173 100
175 695.9 23.8 71.2#
254 0.0 0.0 0.0

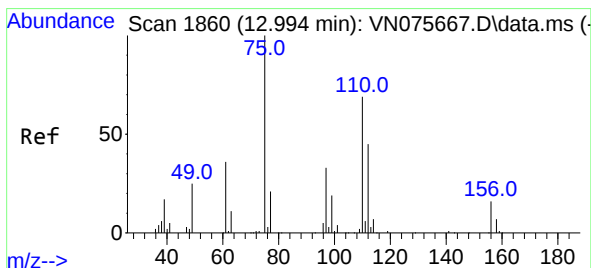
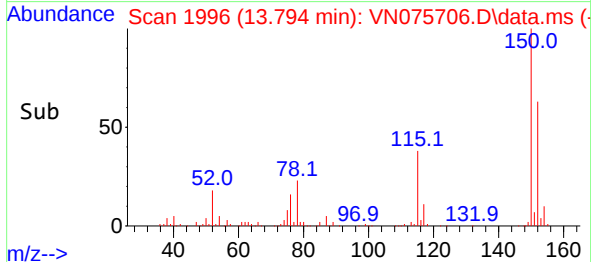
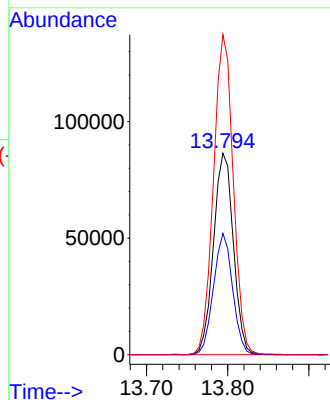
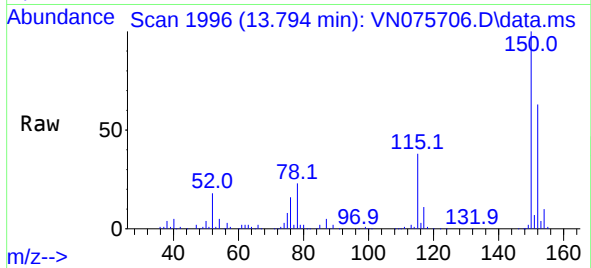




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

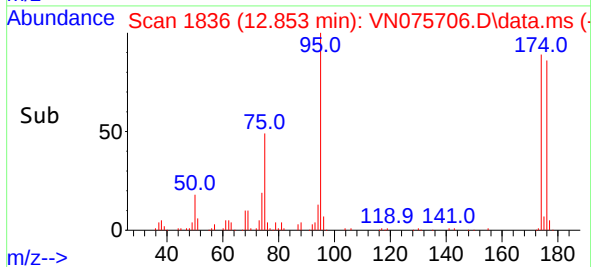
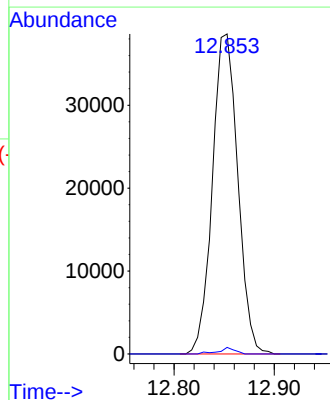
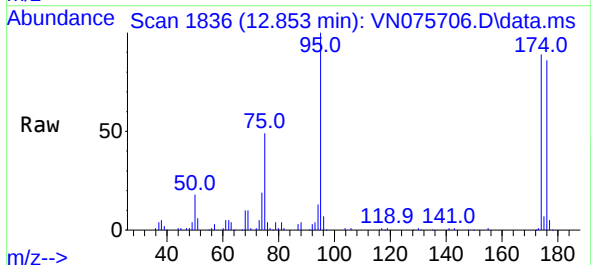
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

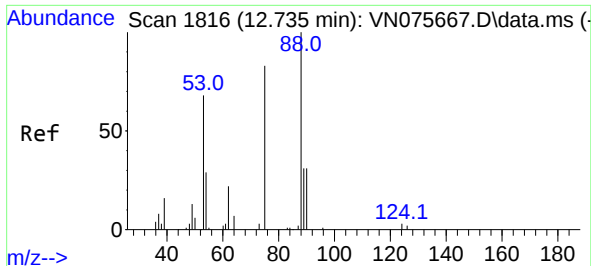
Tgt Ion:152 Resp: 147025
Ion Ratio Lower Upper
152 100
115 57.9 28.4 85.2
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 22.983 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 75 Resp: 67860
Ion Ratio Lower Upper
75 100
77 1.3 81.8 245.4#

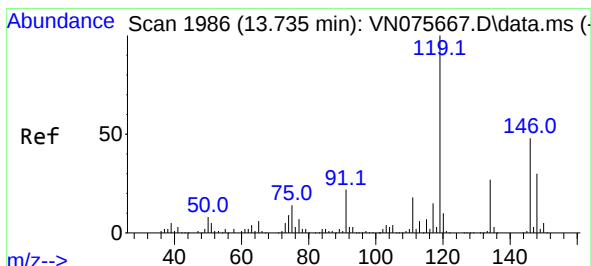
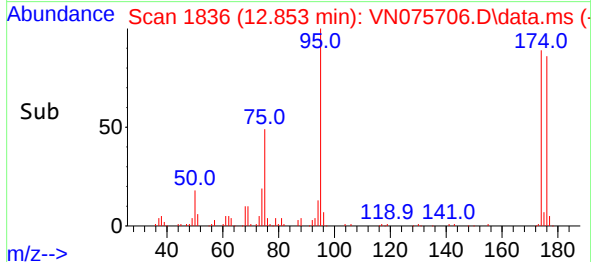
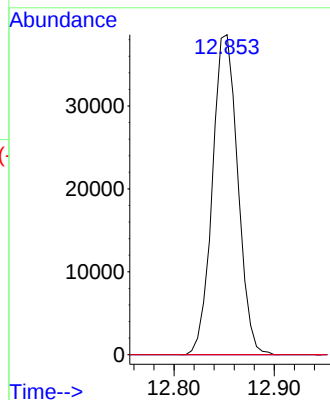
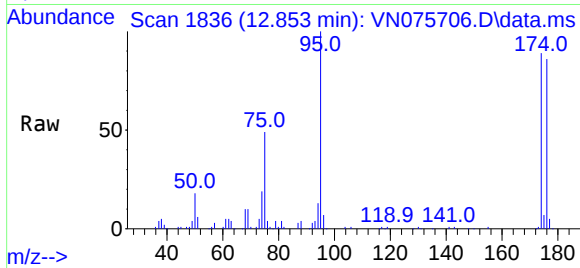




#81
trans-1,4-Dichloro-2-butene
Concen: 73.544 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

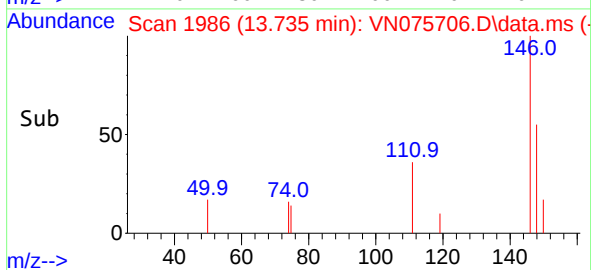
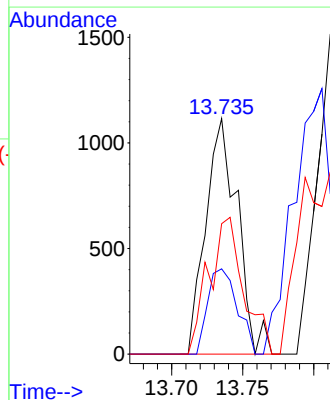
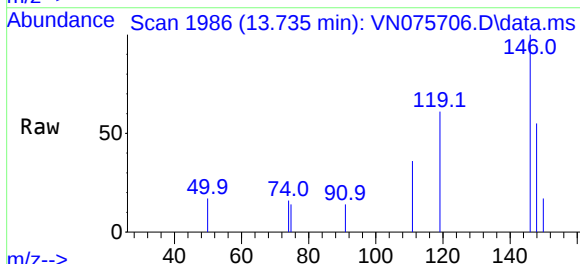
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

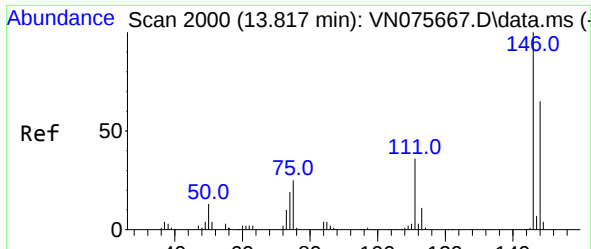
Tgt Ion: 75 Resp: 67860
Ion Ratio Lower Upper
75 100
53 0.0 72.4 108.6#
89 0.0 36.6 55.0#



#87
1,3-Dichlorobenzene
Concen: 0.349 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

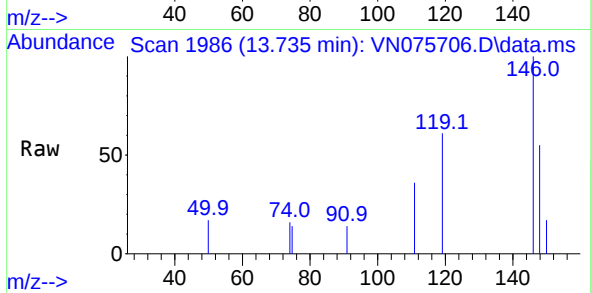
Tgt Ion: 146 Resp: 1732
Ion Ratio Lower Upper
146 100
111 33.8 19.8 59.3
148 63.8 32.1 96.3



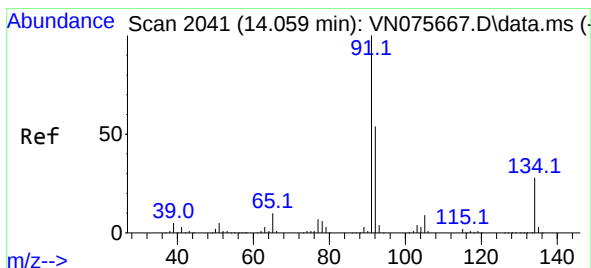
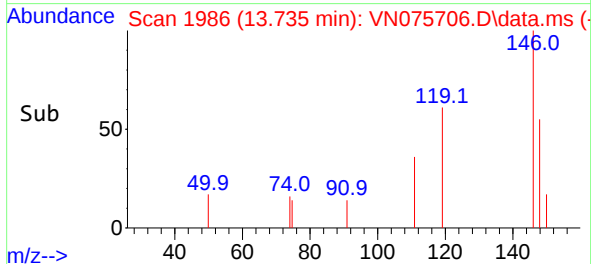
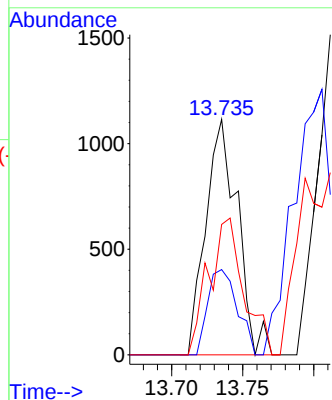


#88
1,4-Dichlorobenzene
Concen: 0.343 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.082 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

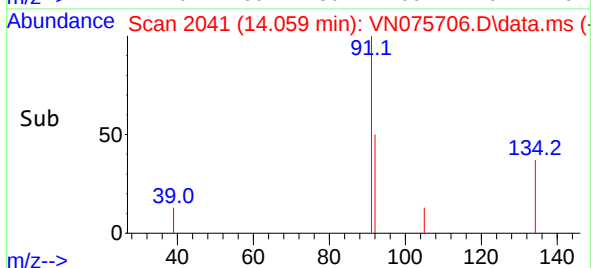
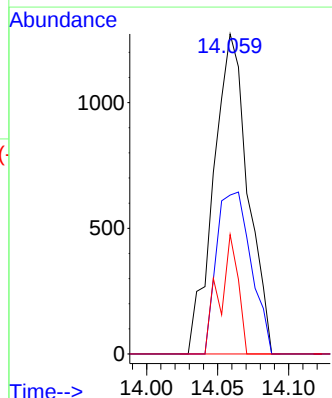
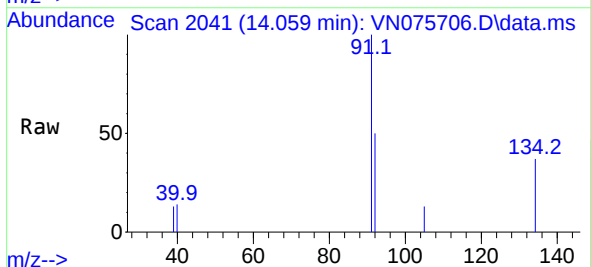


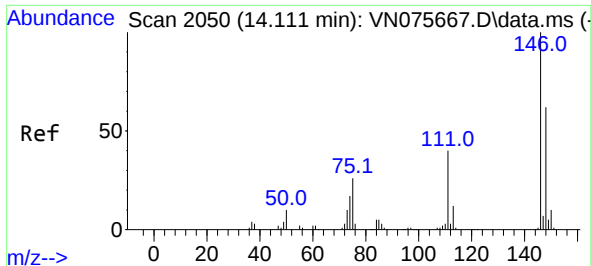
Tgt Ion:146 Resp: 1732
Ion Ratio Lower Upper
146 100
111 33.8 19.1 57.1
148 63.8 32.1 96.3



#89
n-Butylbenzene
Concen: 0.290 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion: 91 Resp: 2139
Ion Ratio Lower Upper
91 100
92 50.9 26.7 80.1
134 20.3 13.9 41.7

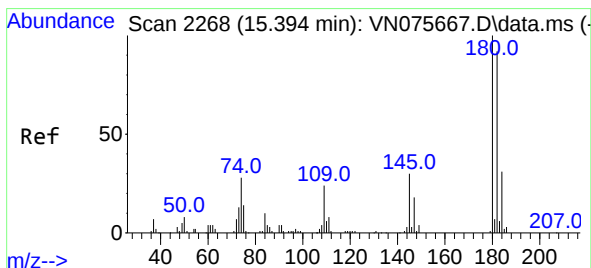
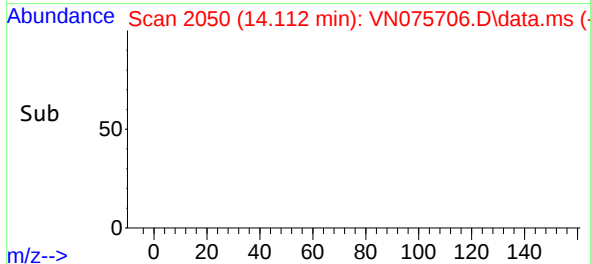
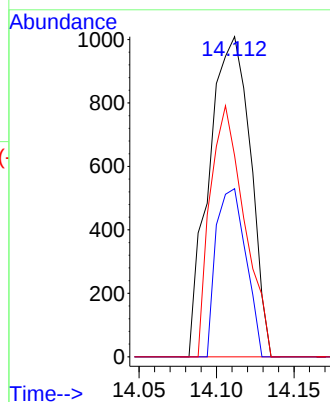
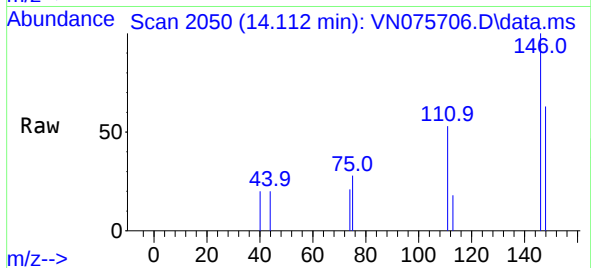




#91
1,2-Dichlorobenzene
Concen: 0.379 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

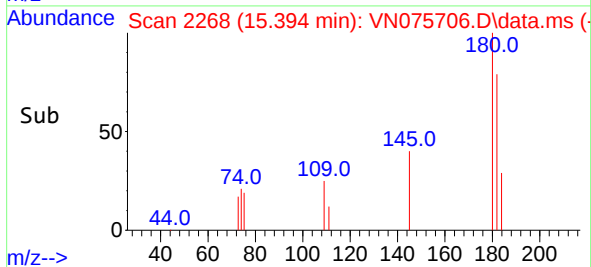
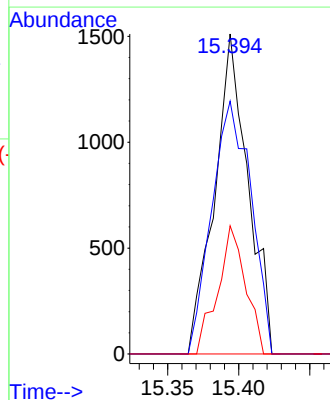
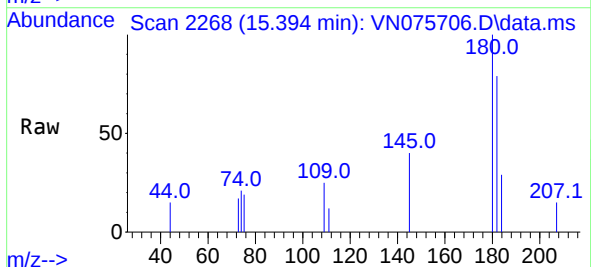
Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

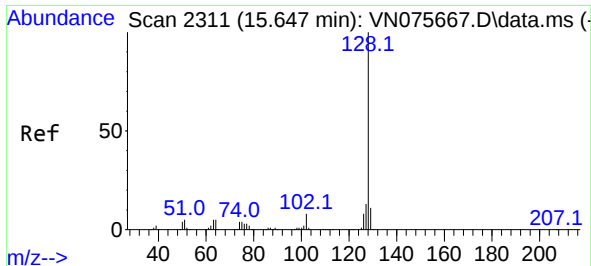
Tgt Ion:146 Resp: 1874
Ion Ratio Lower Upper
146 100
111 37.8 20.1 60.3
148 64.8 31.9 95.5



#93
1,2,4-Trichlorobenzene
Concen: 1.043 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion:180 Resp: 2473
Ion Ratio Lower Upper
180 100
182 92.6 47.1 141.3
145 33.4 15.2 45.5

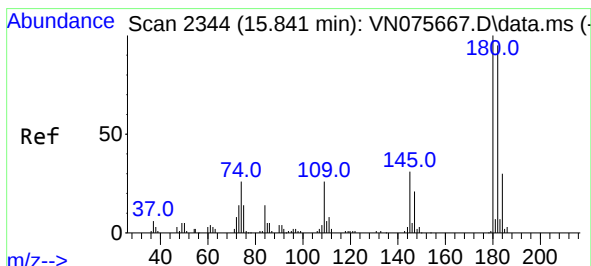
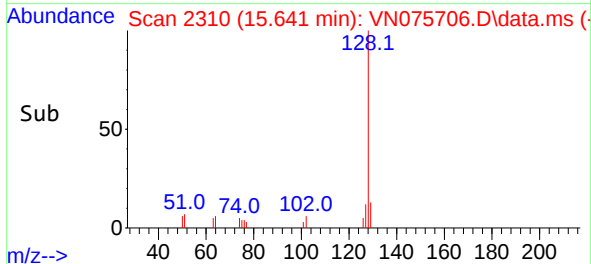
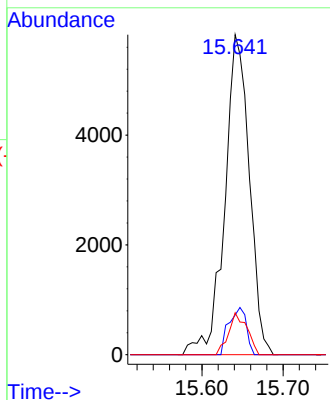
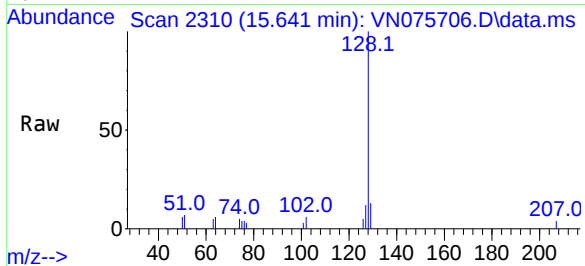




#95
Naphthalene
Concen: 1.749 ug/l
RT: 15.641 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Instrument :
MSVOA_N
ClientSampleId :
VN1212MBL01

Tgt Ion:128	Resp:	12264
Ion Ratio	Lower	Upper
128	100	
127	10.5	10.2 15.4
129	9.8	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.327 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075706.D
Acq: 12 Dec 2022 12:20

Tgt Ion:180	Resp:	3092
Ion Ratio	Lower	Upper
180	100	
182	90.4	46.8 140.4
145	30.3	15.6 46.8

