

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111122\
 Data File : VN075244.D
 Acq On : 11 Nov 2022 13:41
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 14 03:45:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

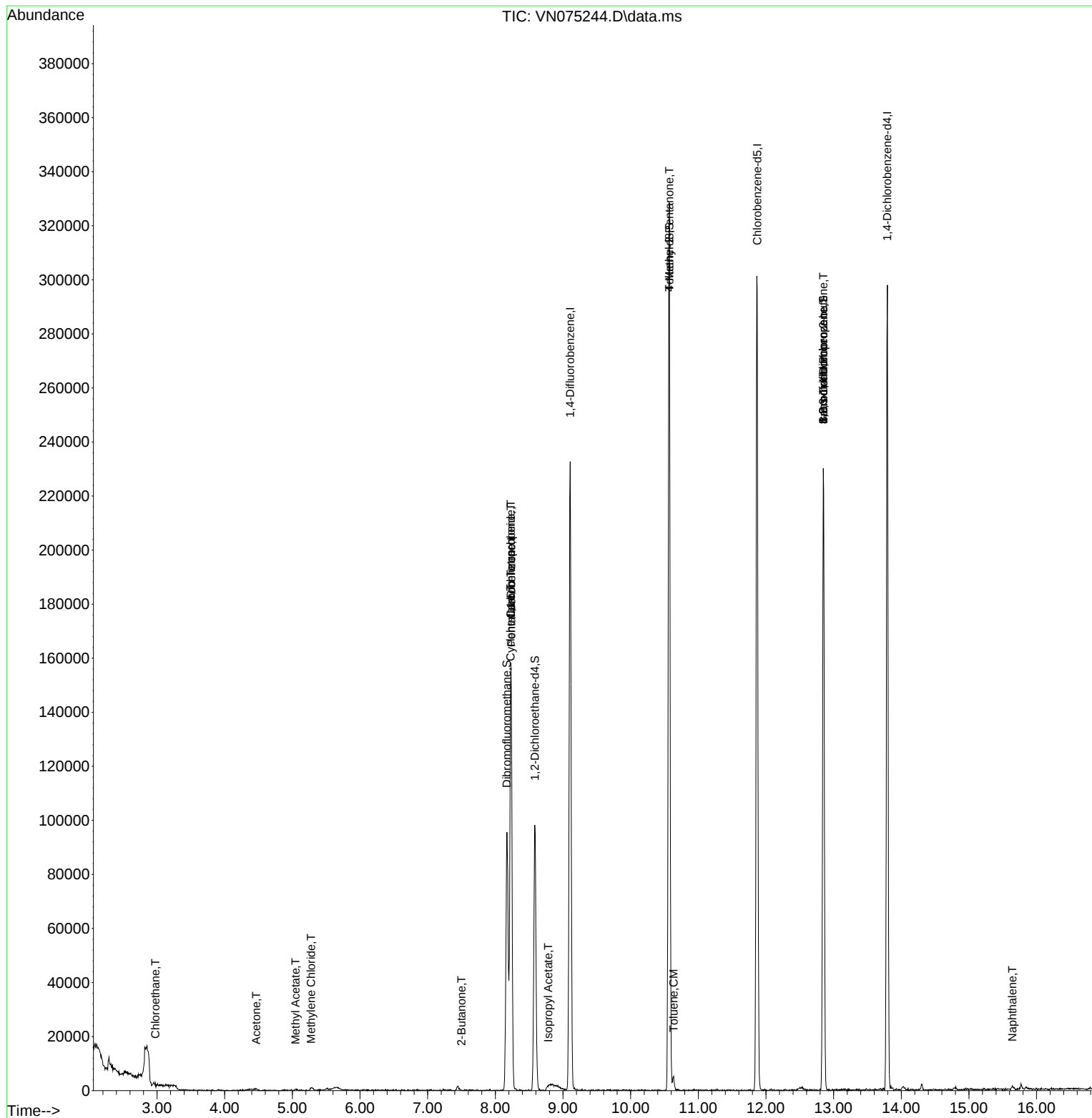
Internal Standards						
1) Pentafluorobenzene	8.236	168	114905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	208019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	183049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	79676	51.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.920%	
35) Dibromofluoromethane	8.171	113	69260	56.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.440%	
50) Toluene-d8	10.571	98	231719	48.908	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.820%	
62) 4-Bromofluorobenzene	12.847	95	82289	49.443	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.880%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.948	94	215	Below Cal		84
6) Chloroethane	2.977	64	1169	0.720	ug/l #	45
16) Acetone	4.465	43	763	1.164	ug/l #	43
18) Methyl Acetate	5.048	43	611	0.285	ug/l #	47
20) Methylene Chloride	5.277	84	552	0.378	ug/l #	74
25) 2-Butanone	7.500	43	227	0.220	ug/l #	43
31) Cyclohexane	8.224	56	2462	1.069	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	10115	5.350	ug/l #	49
38) Carbon Tetrachloride	8.230	117	12265	5.898	ug/l #	16
43) Isopropyl Acetate	8.783	43	1137	0.354	ug/l #	53
51) 4-Methyl-2-Pentanone	10.571	43	930	0.448	ug/l #	1
52) Toluene	10.635	92	2397	0.619	ug/l	99
71) Bromoform	12.847	173	719	0.663	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	42010	25.530	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	42010	65.535	ug/l #	10
95) Naphthalene	15.641	128	1837	0.416	ug/l #	69

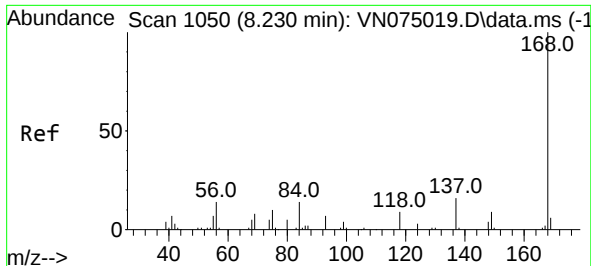
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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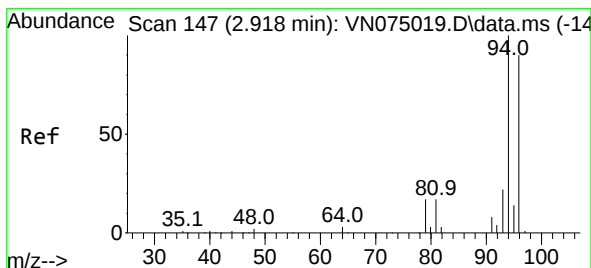
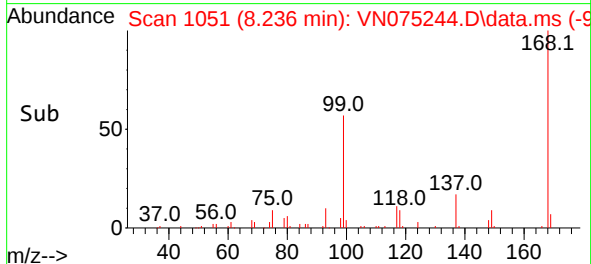
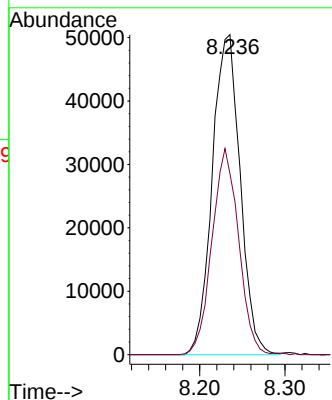
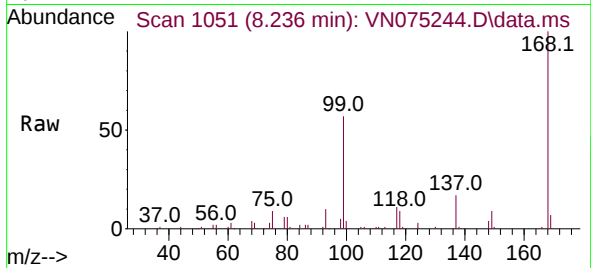




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

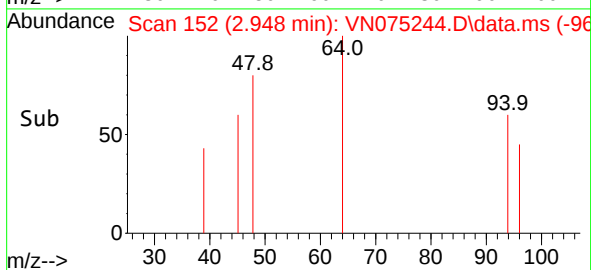
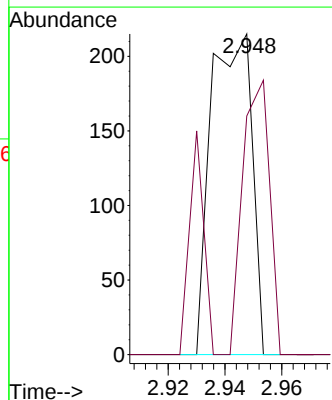
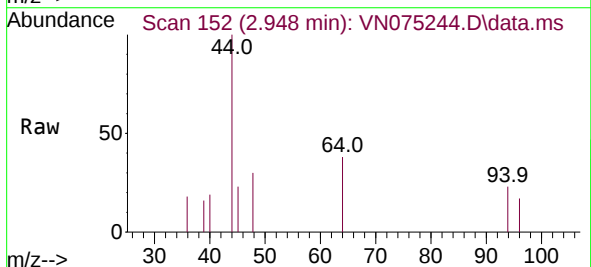
Instrument :
MSVOA_N
ClientSampleId :
IBLK

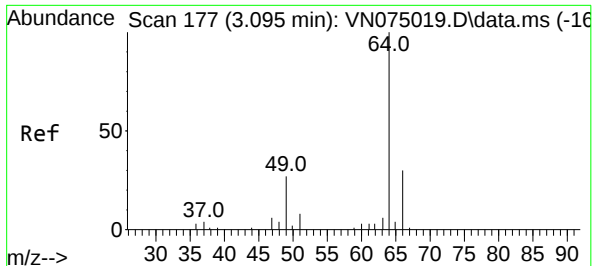
Tgt Ion:168 Resp: 114905
Ion Ratio Lower Upper
168 100
99 56.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.948 min Scan# 152
Delta R.T. 0.030 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 74.4 71.8 107.6

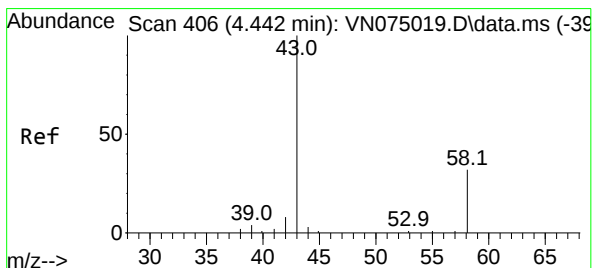
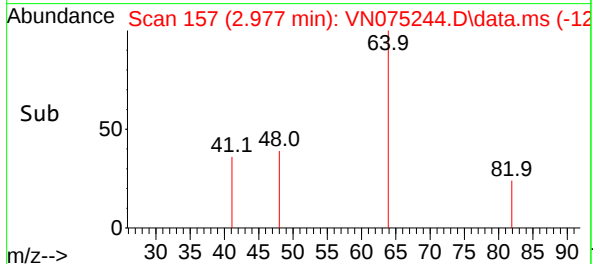
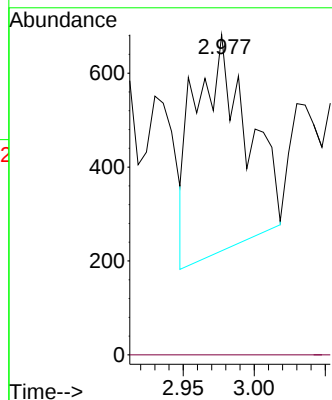
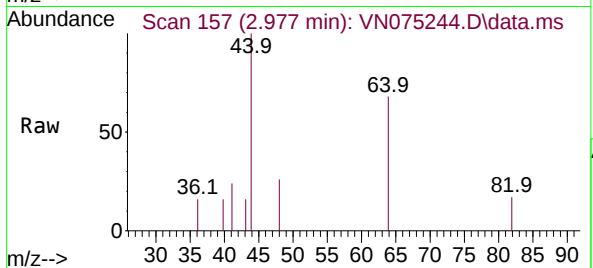




#6
Chloroethane
Concen: 0.720 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.118 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

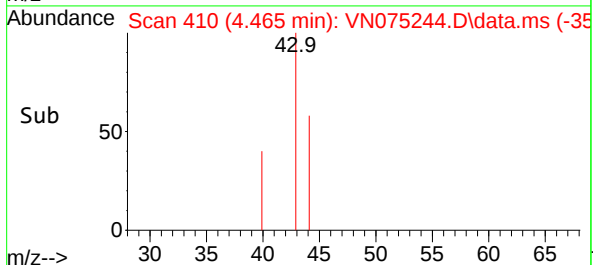
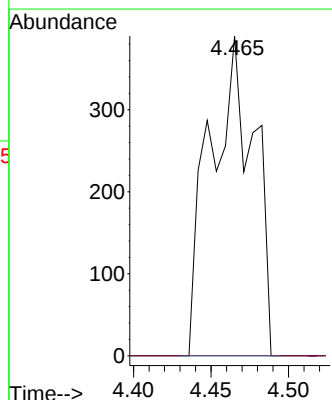
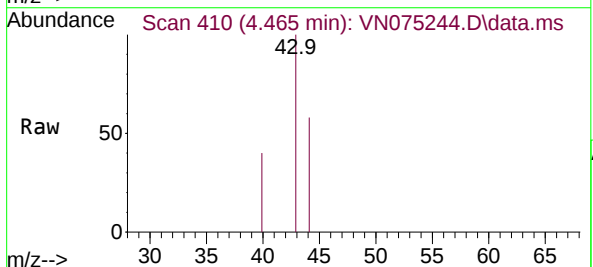
Instrument :
MSVOA_N
ClientSampleId :
IBLK

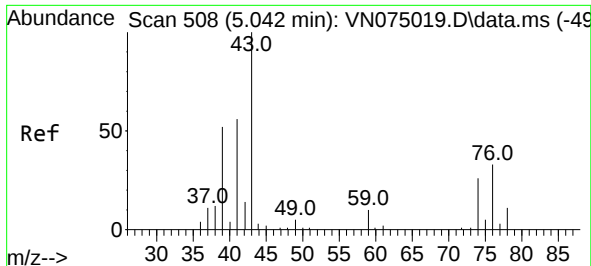
Tgt Ion: 64 Resp: 1169
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#16
Acetone
Concen: 1.164 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#

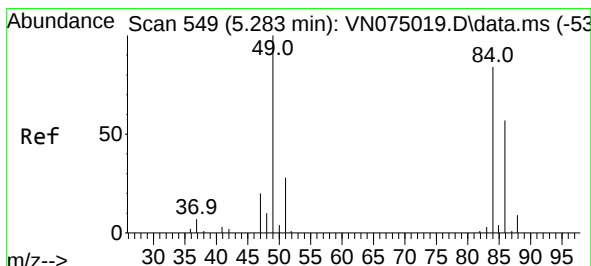
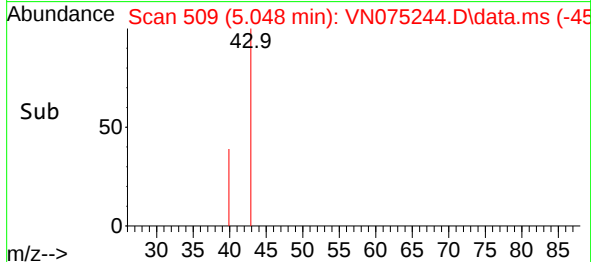
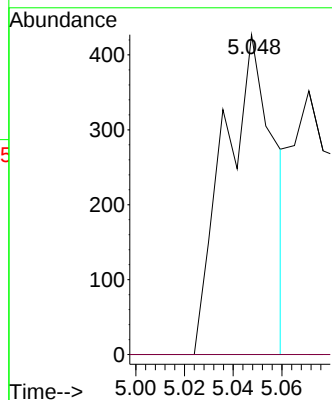
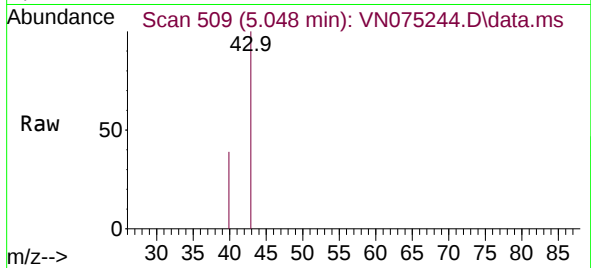




#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 5.048 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

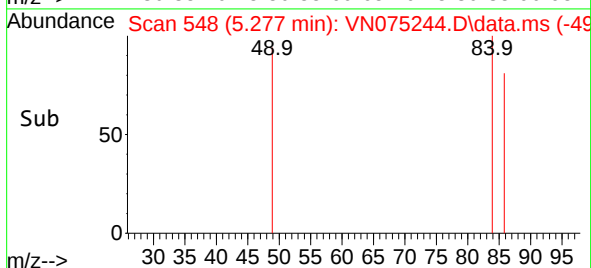
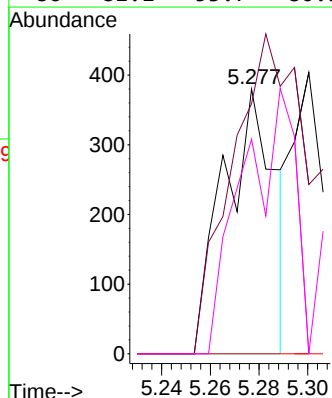
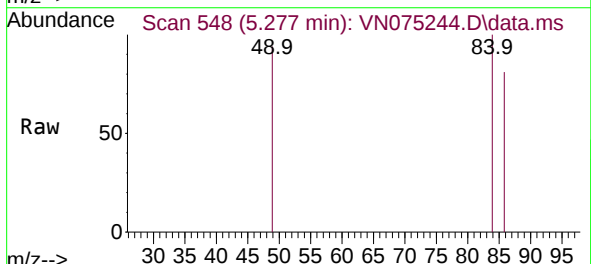
Instrument :
MSVOA_N
ClientSampleId :
IBLK

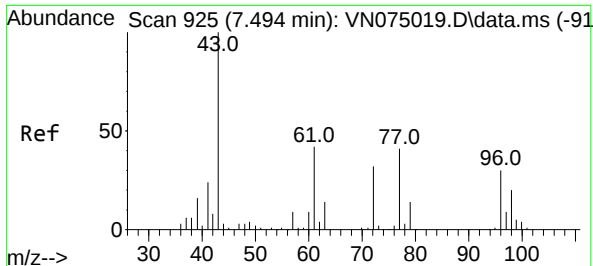
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 84 Resp: 552
Ion Ratio Lower Upper
84 100
49 94.5 94.9 142.3#
51 0.0 26.8 40.2#
86 81.1 53.7 80.5#

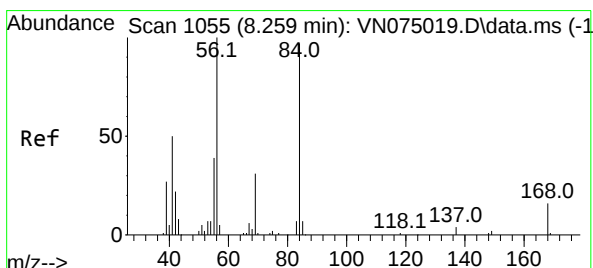
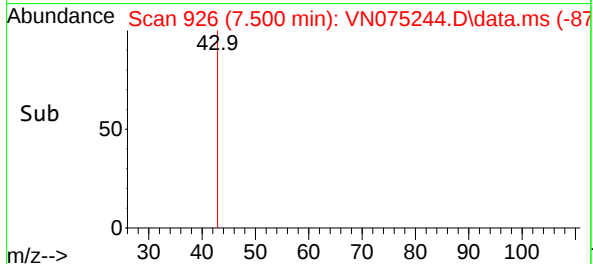
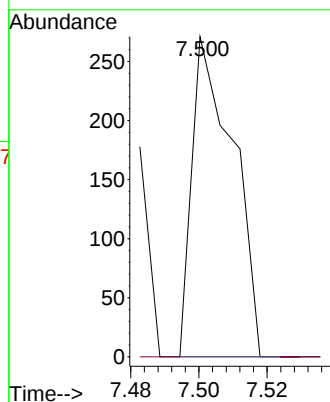
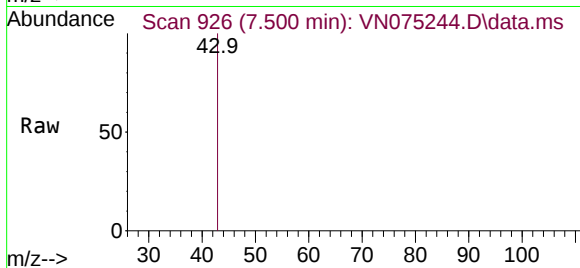




#25
2-Butanone
Concen: 0.220 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

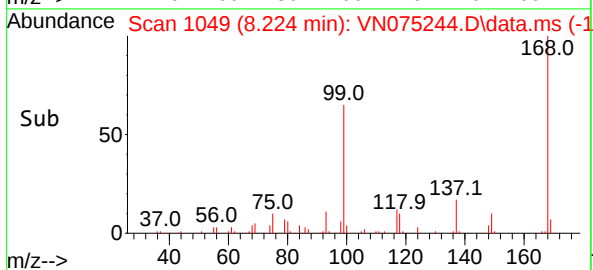
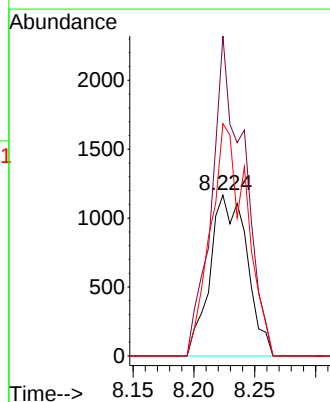
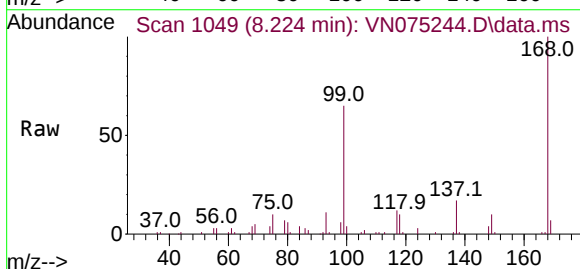
Instrument :
MSVOA_N
ClientSampleId :
IBLK

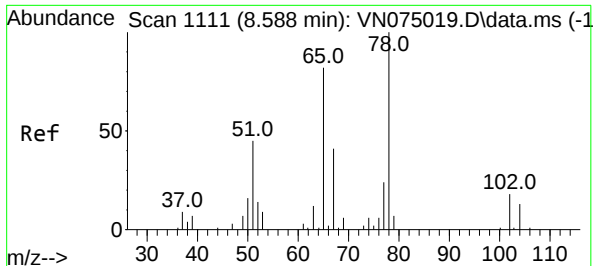
Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
72 0.0 25.5 38.3#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 56 Resp: 2462
Ion Ratio Lower Upper
56 100
69 199.0 25.2 37.8#
84 144.5 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 51.463 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075244.D

Acq: 11 Nov 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

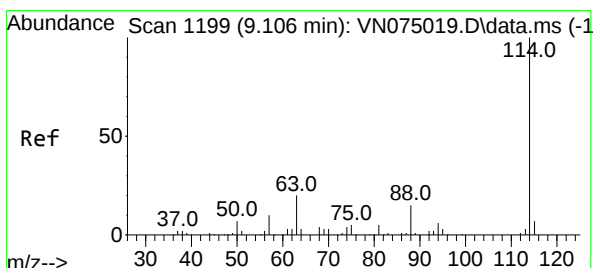
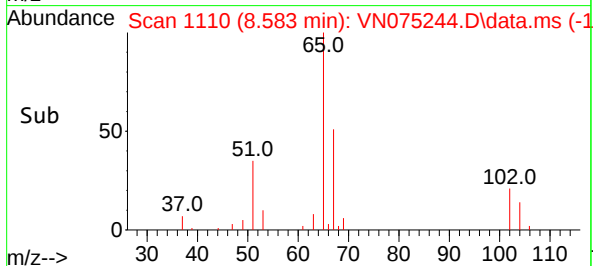
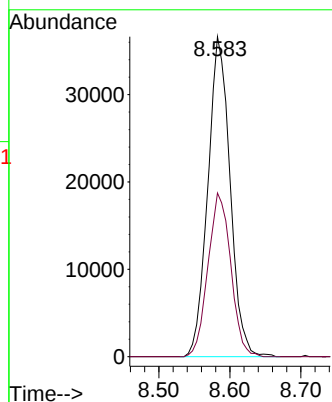
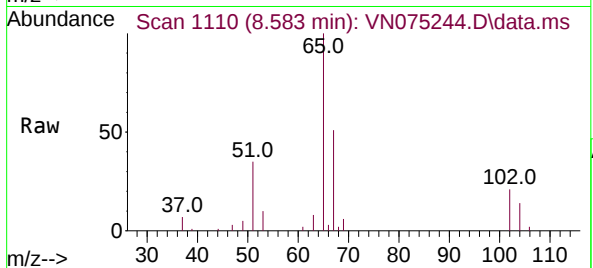
IBLK

Tgt Ion: 65 Resp: 79676

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075244.D

Acq: 11 Nov 2022 13:41

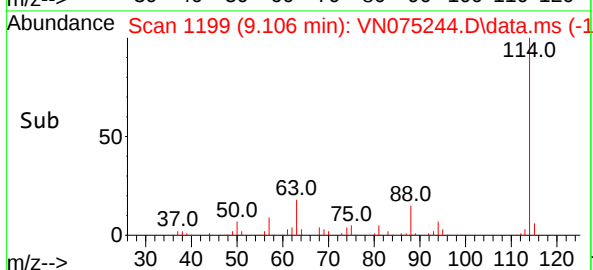
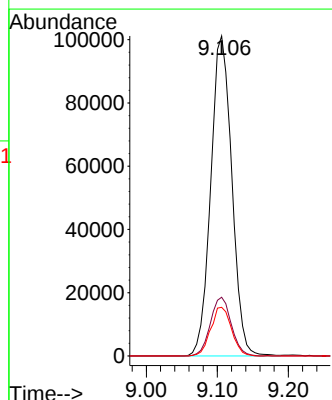
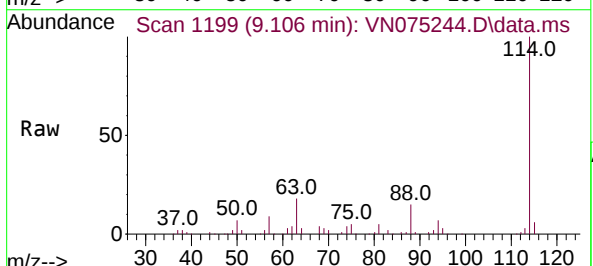
Tgt Ion: 114 Resp: 208019

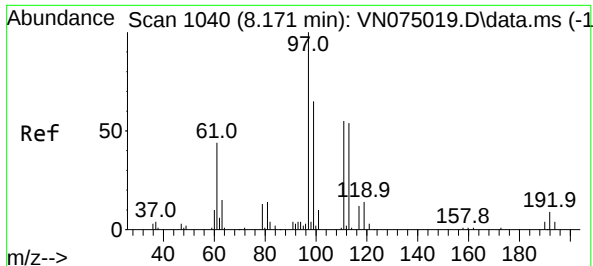
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 56.716 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075244.D

Acq: 11 Nov 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

IBLK

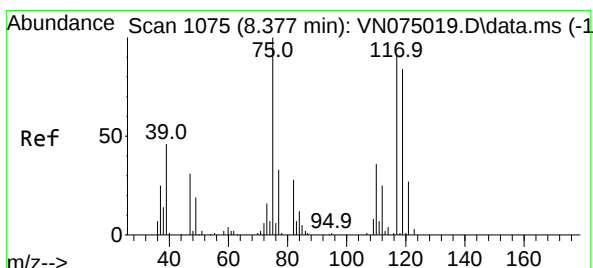
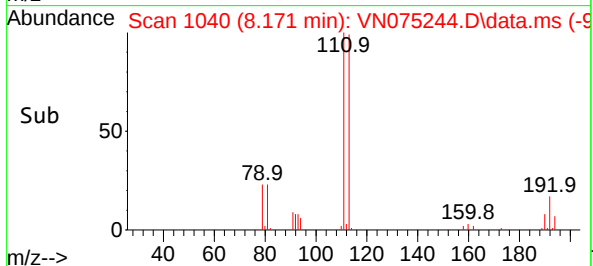
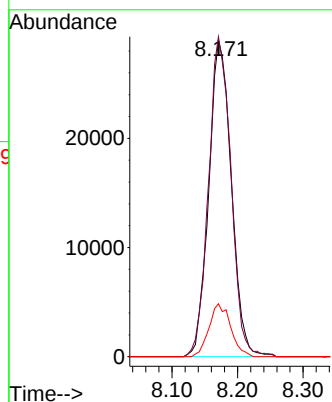
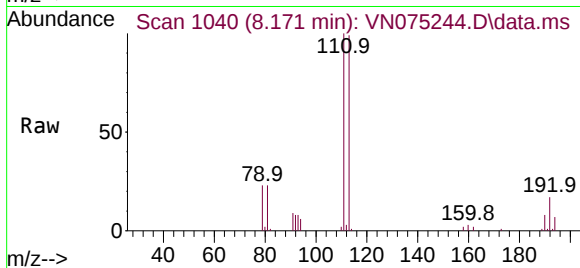
Tgt Ion:113 Resp: 69260

Ion Ratio Lower Upper

113 100

111 100.7 80.5 120.7

192 16.1 13.2 19.8



#36

1,1-Dichloropropene

Concen: 5.350 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.147 min

Lab File: VN075244.D

Acq: 11 Nov 2022 13:41

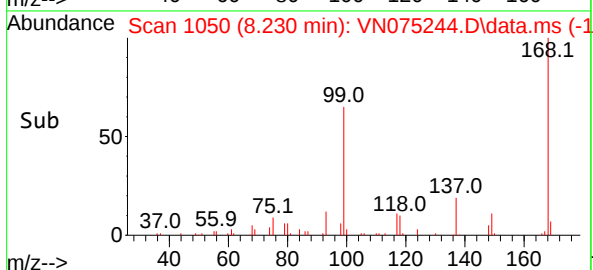
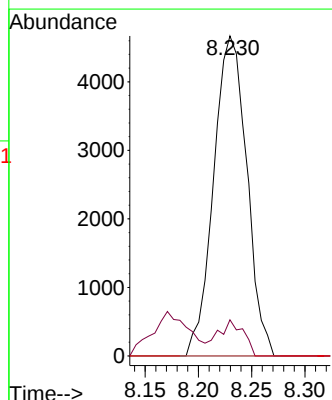
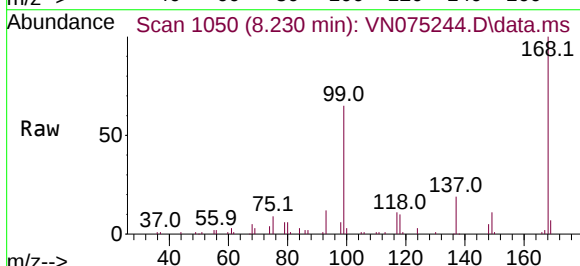
Tgt Ion: 75 Resp: 10115

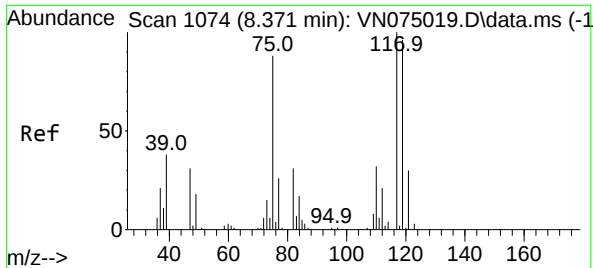
Ion Ratio Lower Upper

75 100

110 8.6 17.8 53.3#

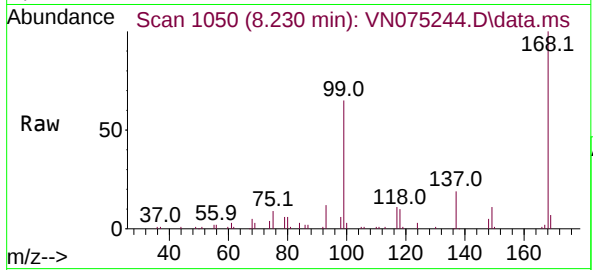
77 0.0 24.6 37.0#



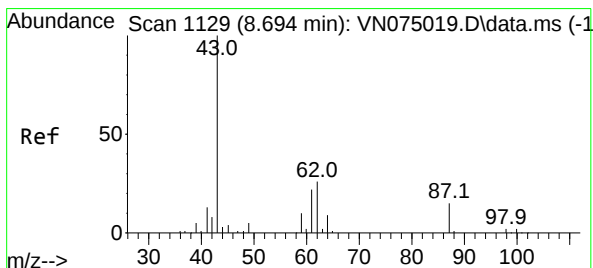
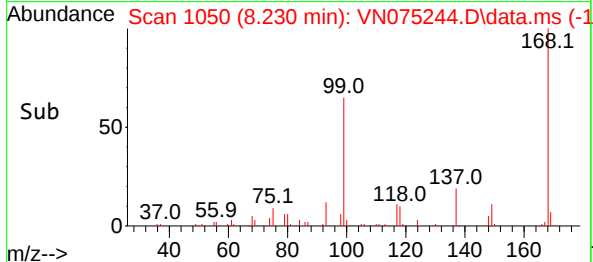
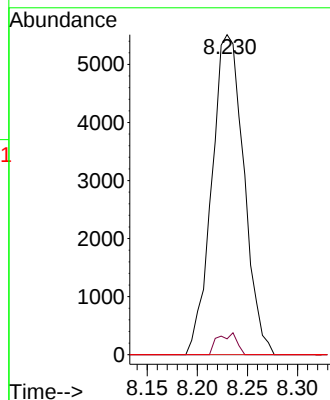


#38
Carbon Tetrachloride
Concen: 5.898 ug/l
RT: 8.230 min Scan# 1144
Delta R.T. -0.141 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

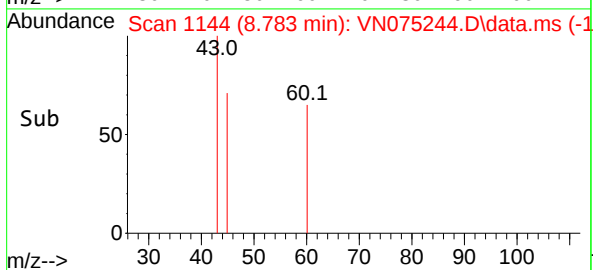
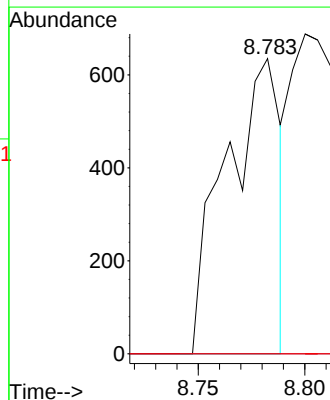
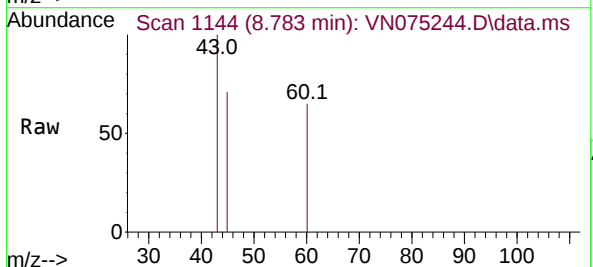


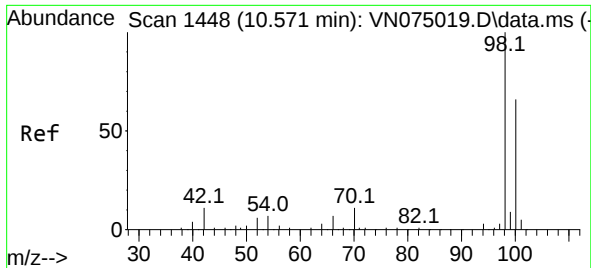
Tgt Ion:117 Resp: 12265
Ion Ratio Lower Upper
117 100
119 5.0 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.354 ug/l
RT: 8.783 min Scan# 1144
Delta R.T. 0.089 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 43 Resp: 1137
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

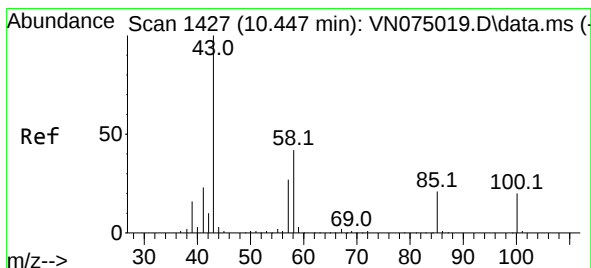
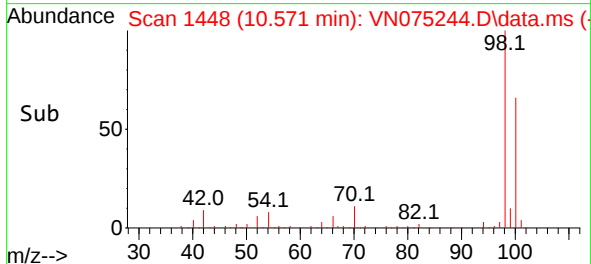
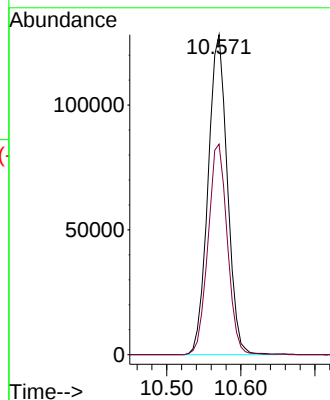
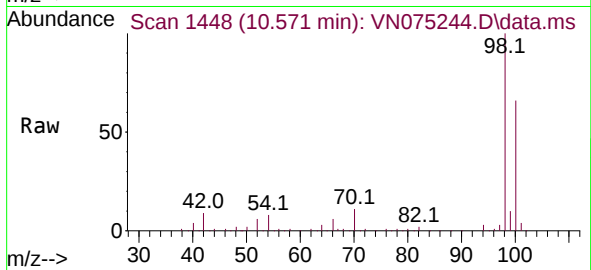




#50
Toluene-d8
Concen: 48.908 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

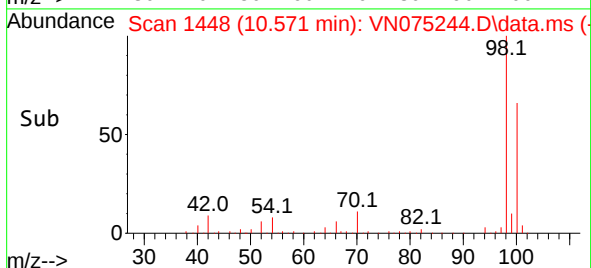
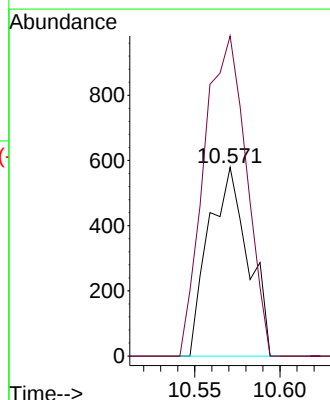
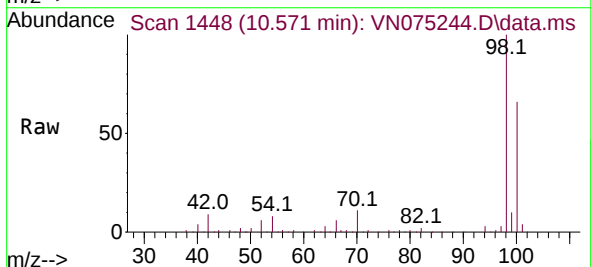
Instrument :
MSVOA_N
ClientSampleId :
IBLK

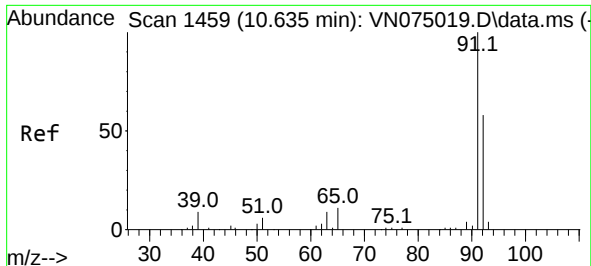
Tgt Ion: 98 Resp: 231719
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.448 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 182.0 33.6 50.4#

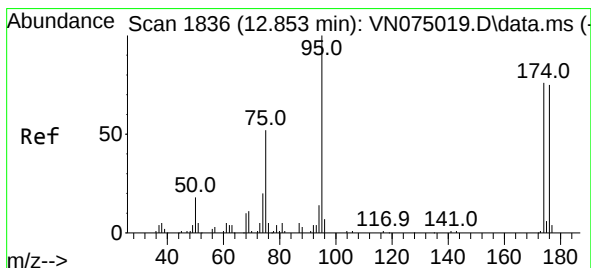
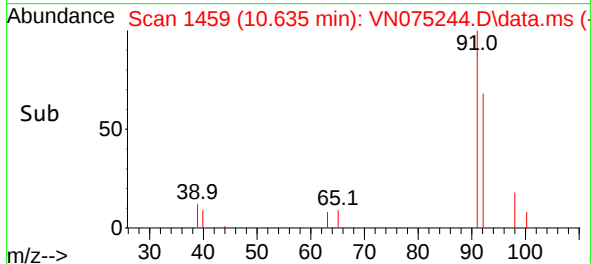
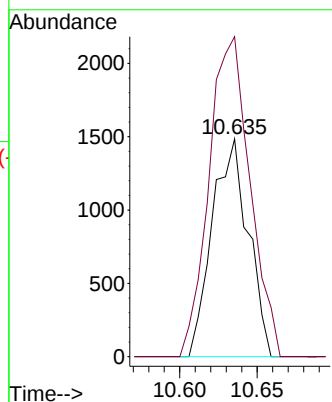
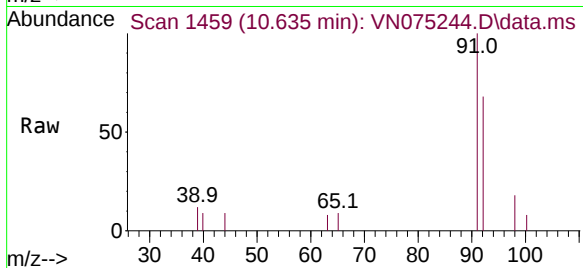




#52
Toluene
Concen: 0.619 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

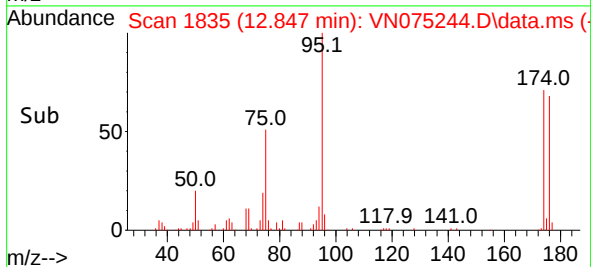
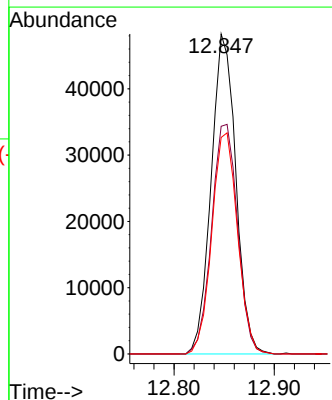
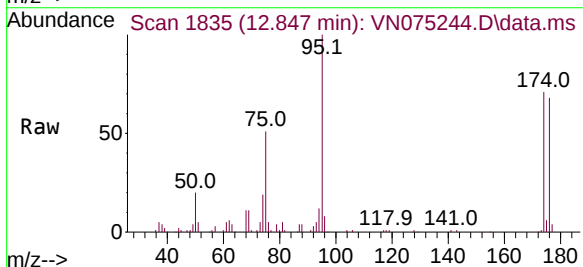
Instrument :
MSVOA_N
ClientSampleId :
IBLK

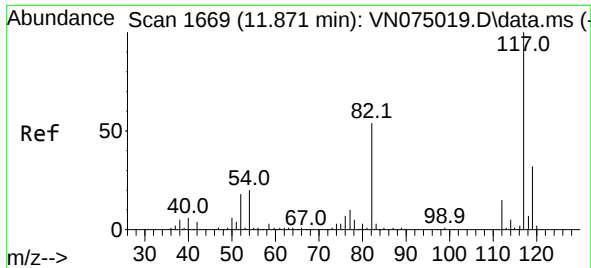
Tgt Ion: 92 Resp: 2397
Ion Ratio Lower Upper
92 100
91 167.5 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 49.443 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 95 Resp: 82289
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.4
176 72.0 0.0 142.2

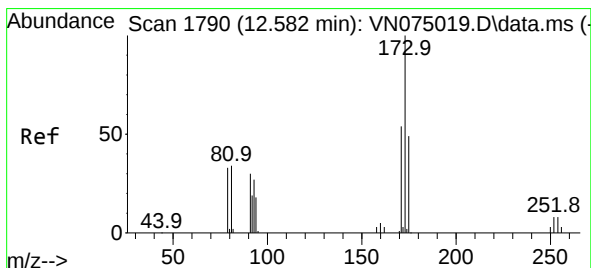
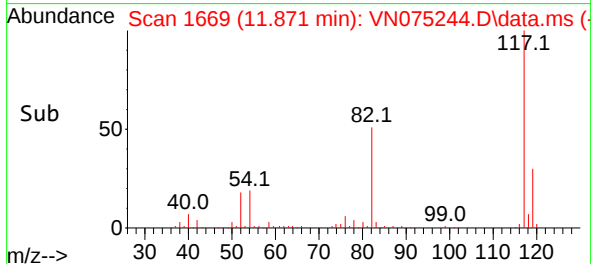
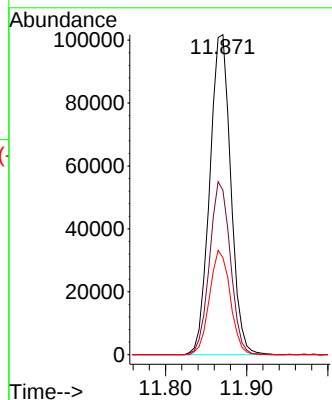
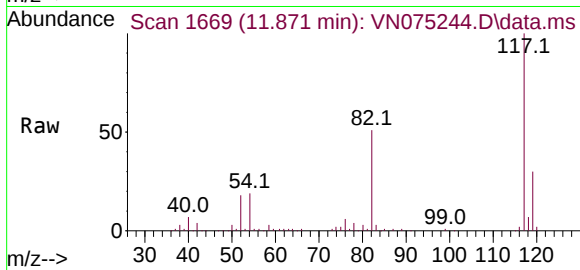




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

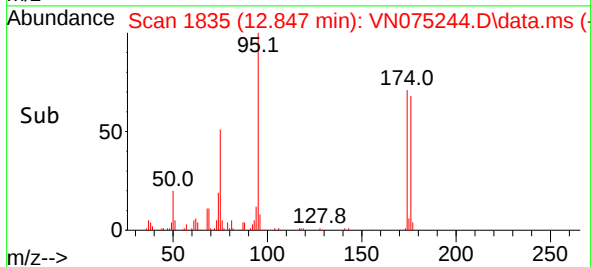
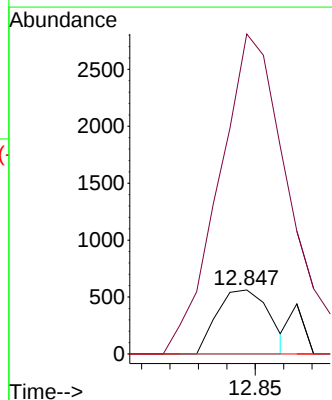
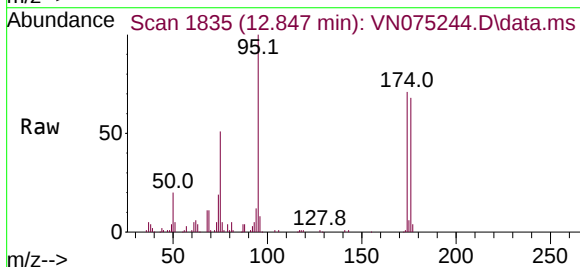
Instrument :
MSVOA_N
ClientSampleId :
IBLK

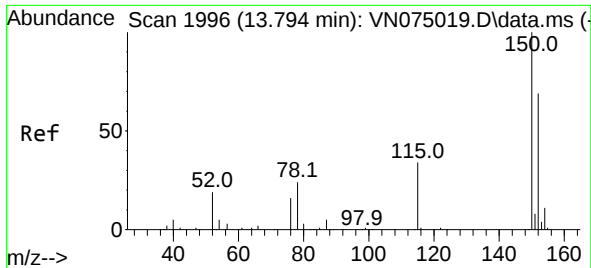
Tgt Ion:117 Resp: 183049
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 30.3 25.5 38.3



#71
Bromoform
Concen: 0.663 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion:173 Resp: 719
Ion Ratio Lower Upper
173 100
175 557.7 24.6 74.0#
254 0.0 0.0 0.0

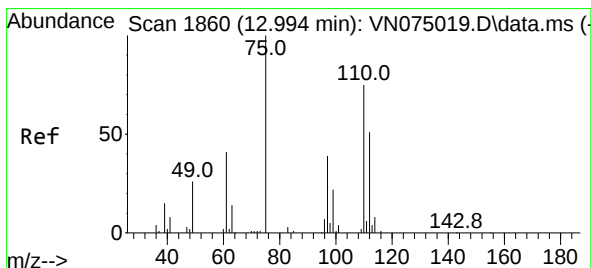
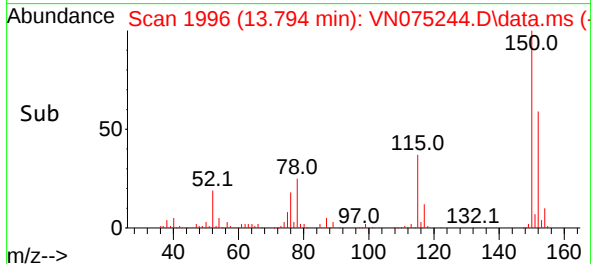
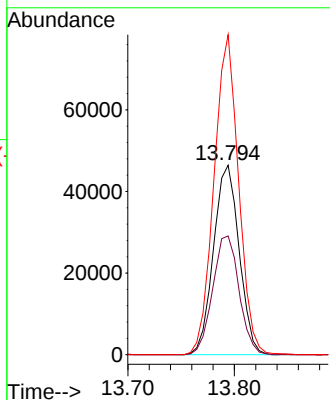
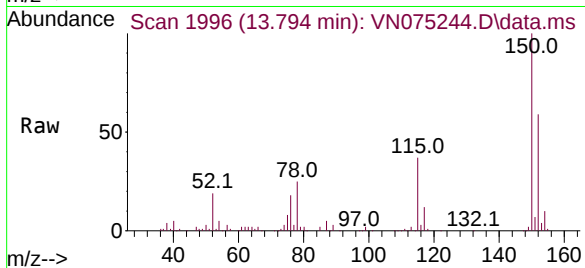




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075244.D
 Acq: 11 Nov 2022 13:41

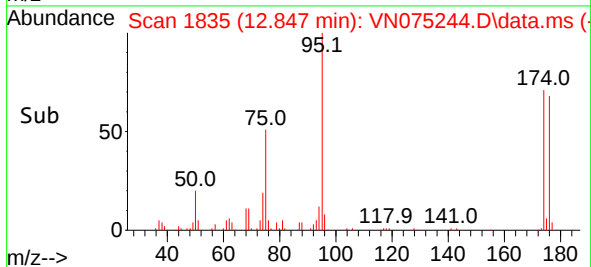
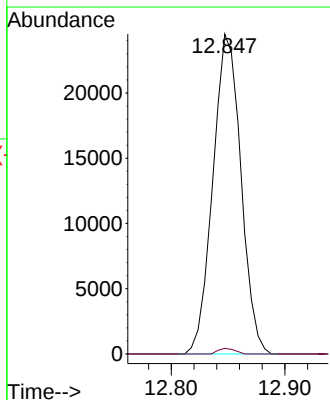
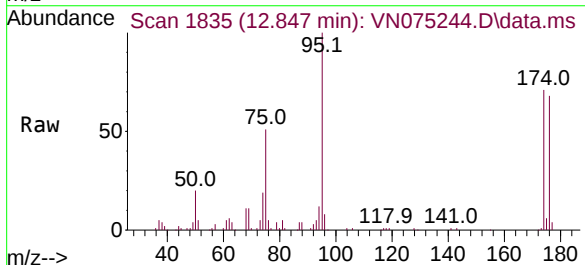
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

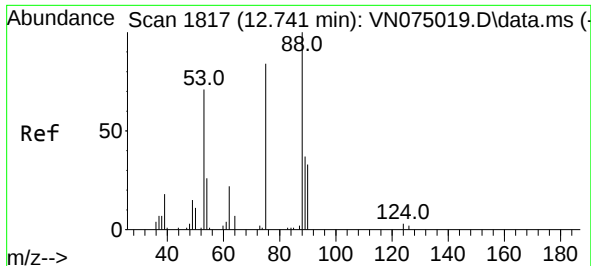
Tgt Ion:152 Resp: 77499
 Ion Ratio Lower Upper
 152 100
 115 64.4 30.2 90.6
 150 161.9 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 25.530 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN075244.D
 Acq: 11 Nov 2022 13:41

Tgt Ion: 75 Resp: 42010
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.6 226.8#

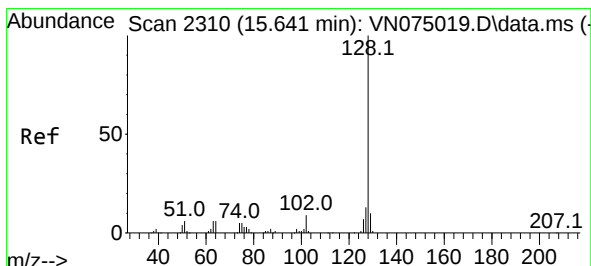
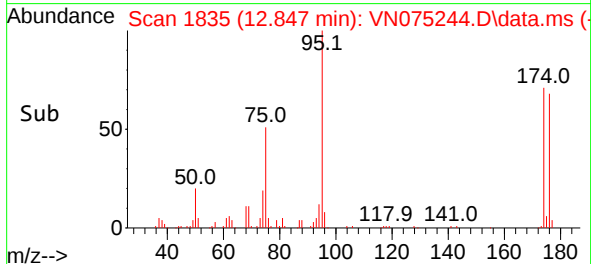
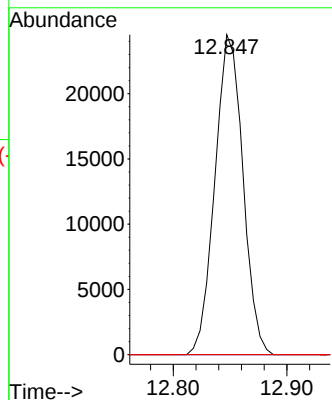
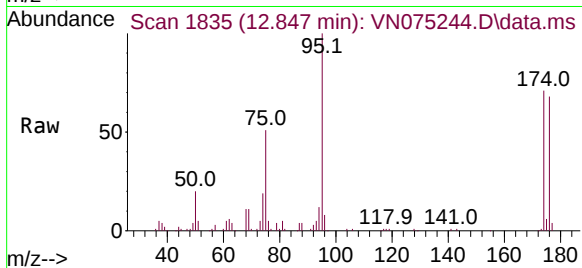




#81
trans-1,4-Dichloro-2-butene
Concen: 65.535 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.106 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 42010
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.416 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075244.D
Acq: 11 Nov 2022 13:41

Tgt Ion: 128 Resp: 1837
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

