

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084957.D
 Acq On : 19 Nov 2024 19:16
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Nov 20 00:35:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

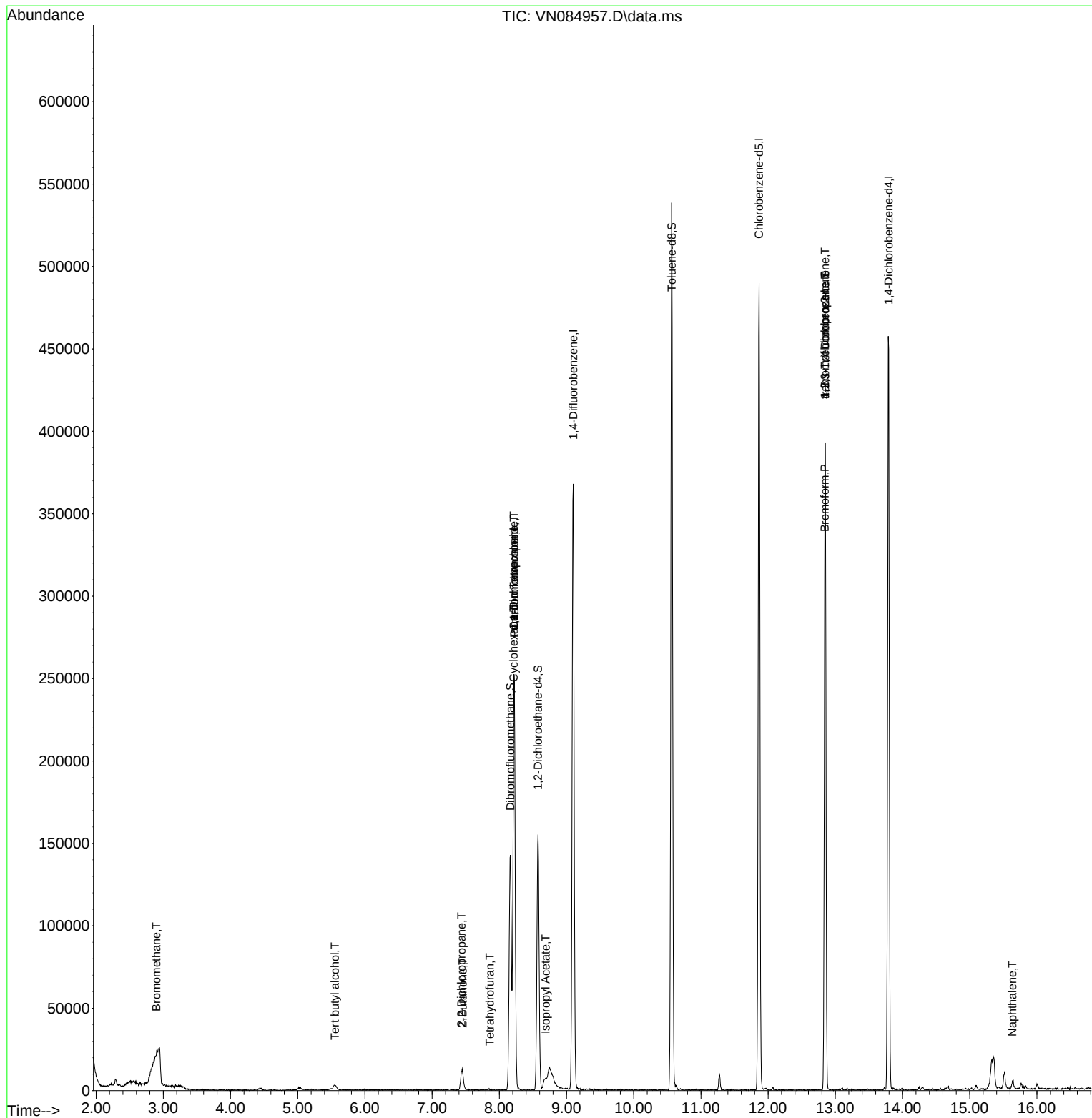
Internal Standards						
1) Pentafluorobenzene	8.224	168	178701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	316528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129991	50.364	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.720%			
35) Dibromofluoromethane	8.165	113	103405	48.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.520%			
50) Toluene-d8	10.565	98	366958	46.496	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.000%			
62) 4-Bromofluorobenzene	12.847	95	138575	46.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.960%			
Target Compounds						Qvalue
3) Chloromethane	2.354	50	584	Below Cal	#	84
5) Bromomethane	2.895	94	366	0.313	ug/l #	78
6) Chloroethane	3.224	64	64	Below Cal	#	45
11) Tert butyl alcohol	5.553	59	6150	18.052	ug/l #	77
16) Acetone	4.418	43	136	Below Cal	#	44
18) Methyl Acetate	5.012	43	3103	Below Cal		91
25) 2-Butanone	7.453	43	522	0.434	ug/l #	48
26) 2,2-Dichloropropane	7.436	77	704	0.205	ug/l #	54
29) Tetrahydrofuran	7.859	42	411	0.514	ug/l #	46
31) Cyclohexane	8.212	56	3990	1.120	ug/l #	16
36) 1,1-Dichloropropene	8.218	75	15753	5.302	ug/l #	49
38) Carbon Tetrachloride	8.218	117	18989	5.717	ug/l #	16
43) Isopropyl Acetate	8.688	43	6296	0.305	ug/l #	56
71) Bromoform	12.841	173	336	0.206	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71545	28.342	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71545	67.238	ug/l #	11
88) 1,4-Dichlorobenzene	13.800	146	383	Below Cal	#	1
95) Naphthalene	15.635	128	6034	0.826	ug/l	98

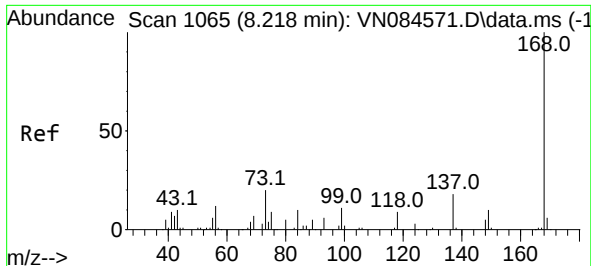
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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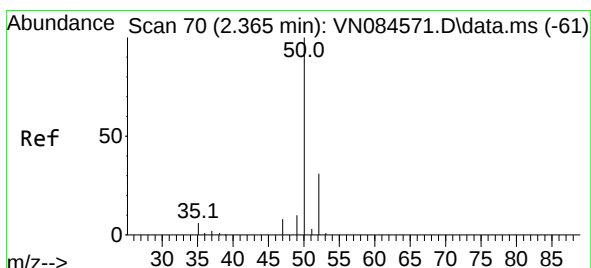
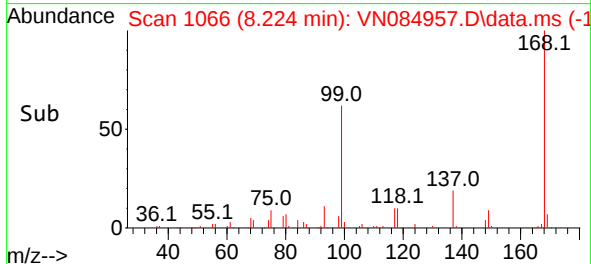
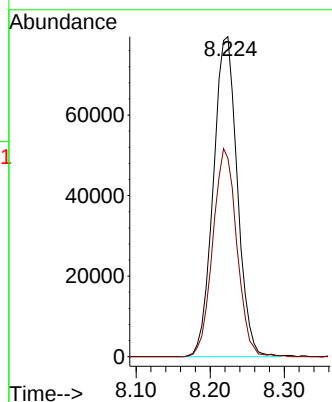
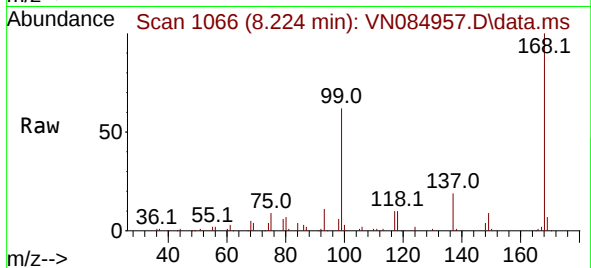




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

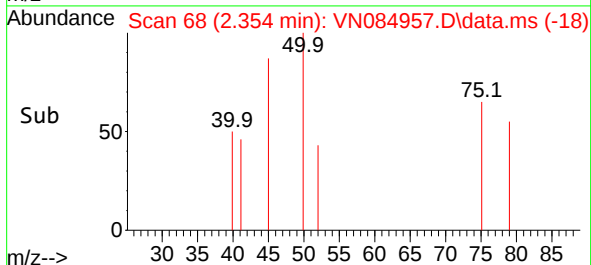
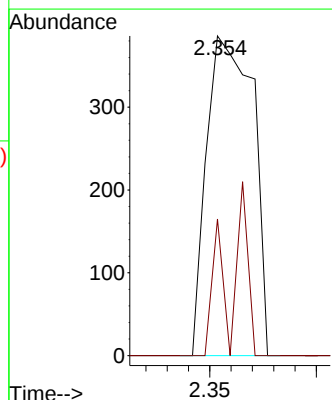
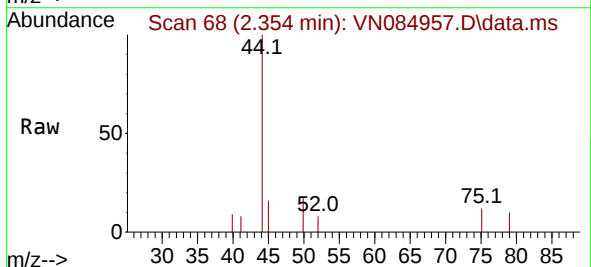
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 178701
Ion Ratio Lower Upper
168 100
99 62.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 42.7 26.8 40.2#

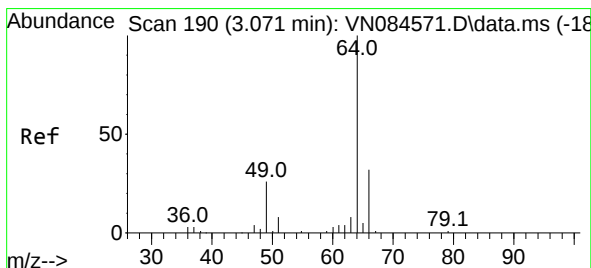
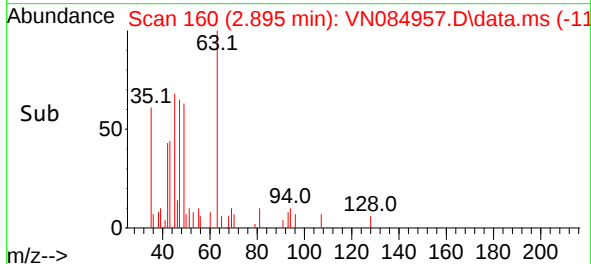
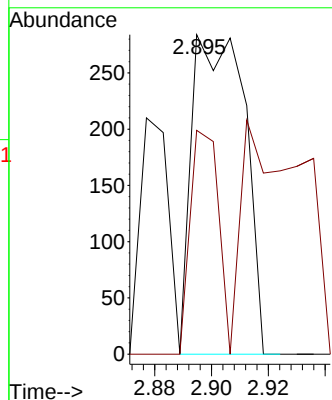
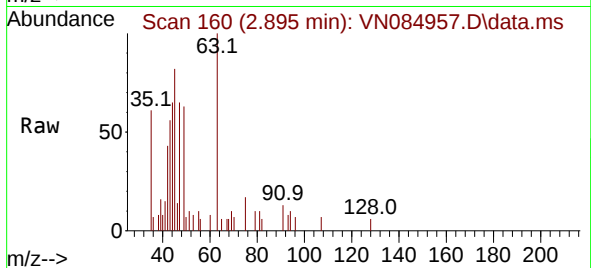




#5
Bromomethane
Concen: 0.313 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.058 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

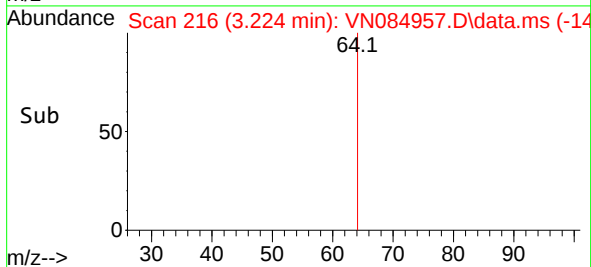
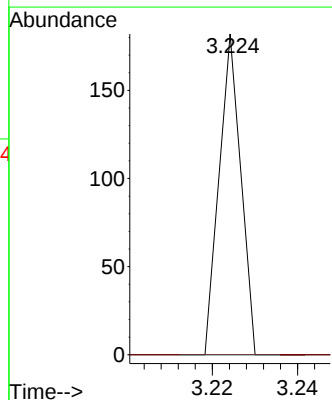
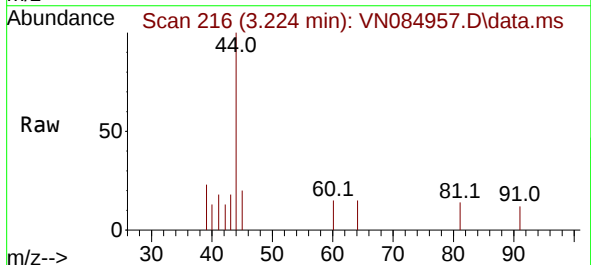
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 70.1 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.224 min Scan# 216
Delta R.T. 0.106 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

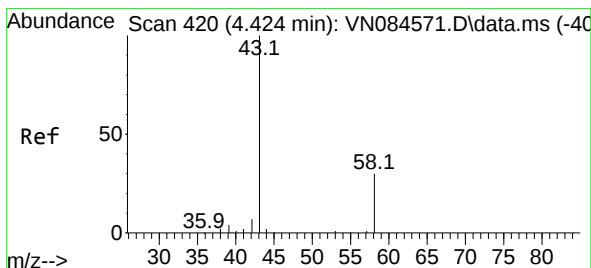
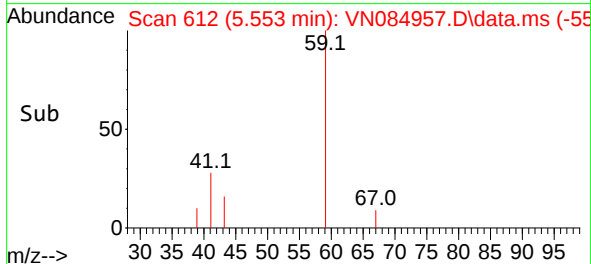
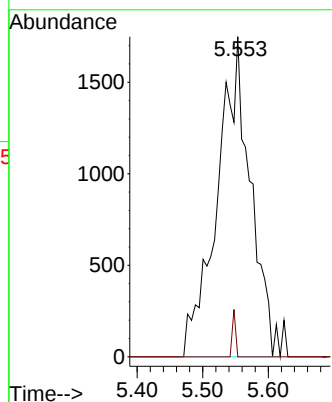
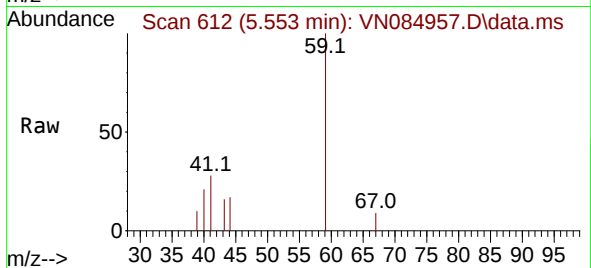




#11
Tert butyl alcohol
Concen: 18.052 ug/l
RT: 5.553 min Scan# 61
Delta R.T. 0.030 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

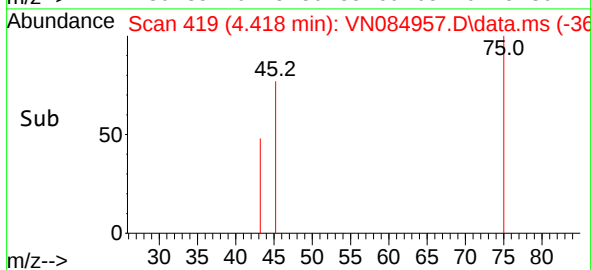
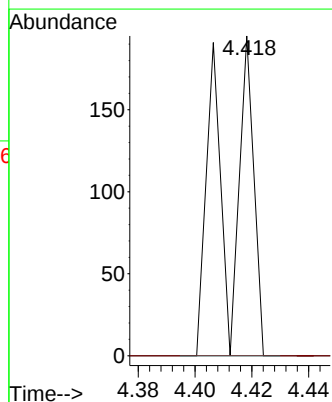
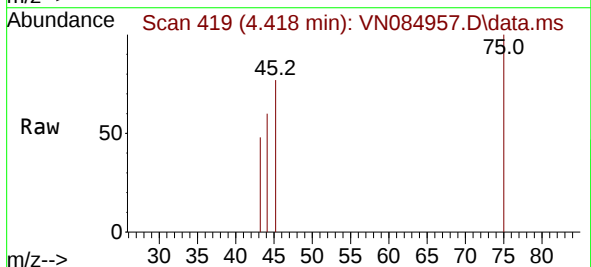
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 59 Resp: 6150
Ion Ratio Lower Upper
59 100
57 1.5 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

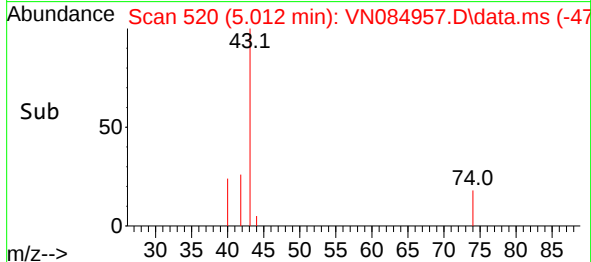
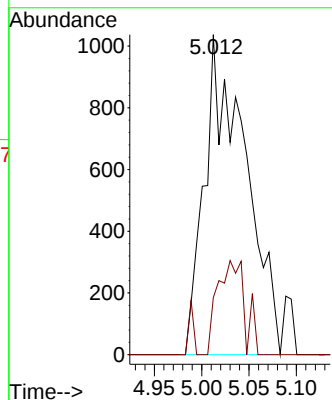
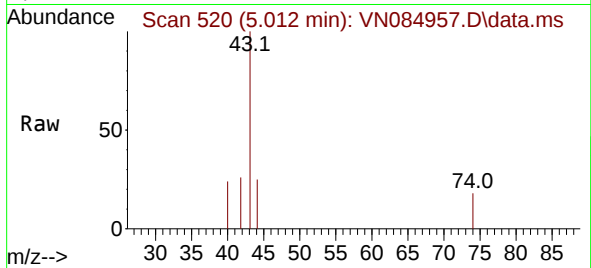




#18
Methyl Acetate
Concen: Below Cal
RT: 5.012 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

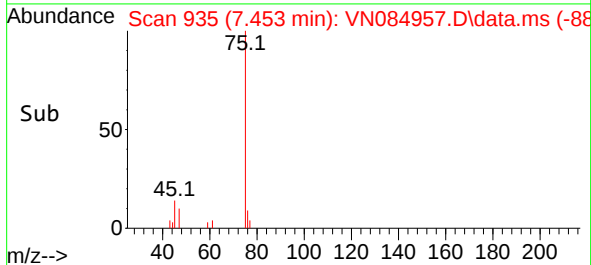
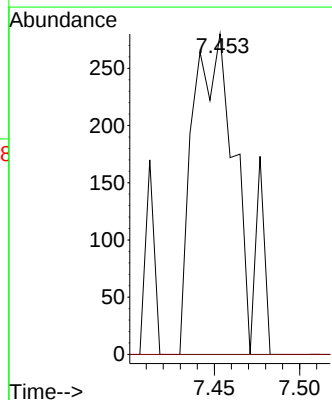
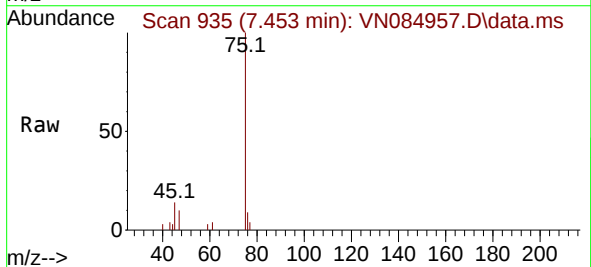
Instrument :
MSVOA_N
ClientSampleId :
IBLK

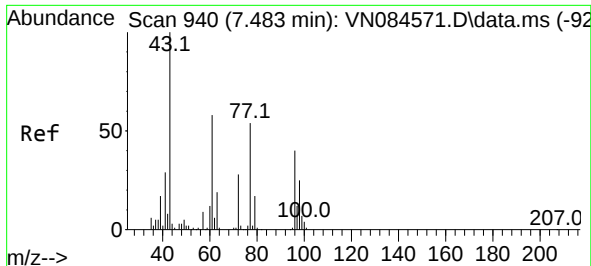
Tgt Ion: 43 Resp: 3103
Ion Ratio Lower Upper
43 100
74 19.6 19.2 28.8



#25
2-Butanone
Concen: 0.434 ug/l
RT: 7.453 min Scan# 935
Delta R.T. -0.029 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#

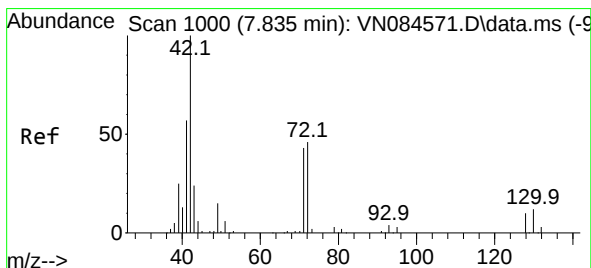
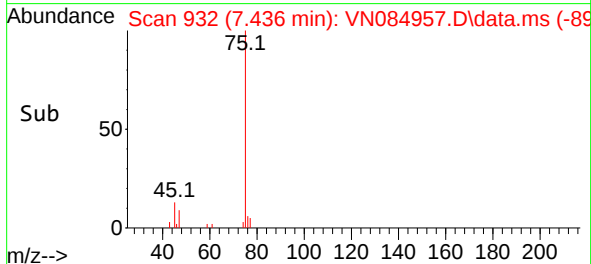
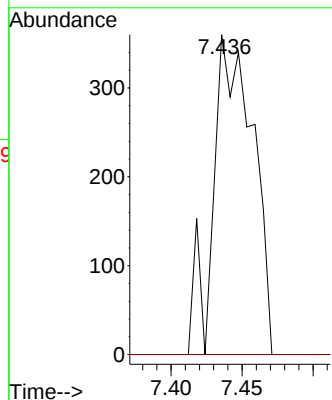
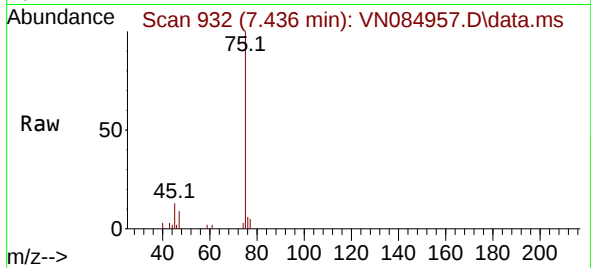




#26
2,2-Dichloropropane
Concen: 0.205 ug/l
RT: 7.436 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

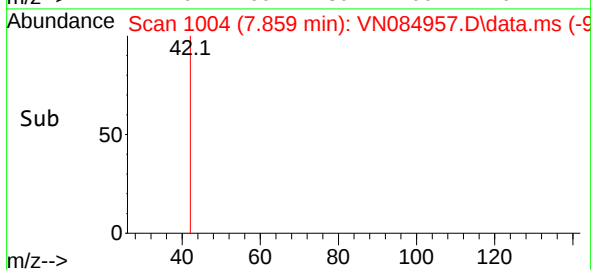
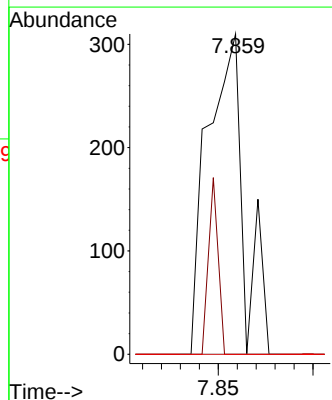
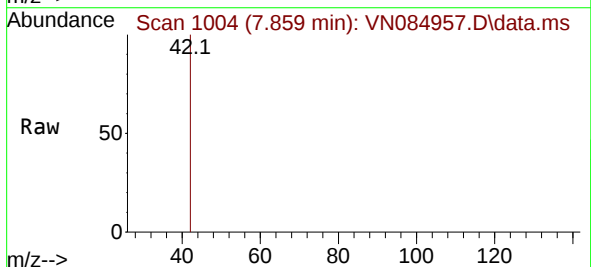
Instrument :
MSVOA_N
ClientSampleId :
IBLK

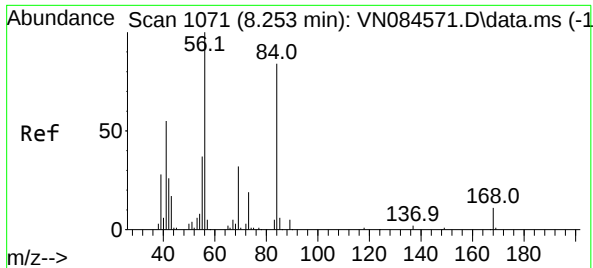
Tgt Ion: 77 Resp: 704
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#29
Tetrahydrofuran
Concen: 0.514 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.024 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

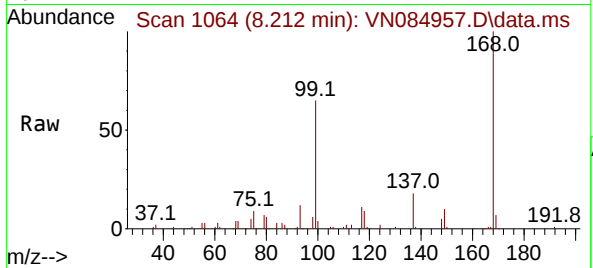
Tgt Ion: 42 Resp: 411
Ion Ratio Lower Upper
42 100
72 14.6 34.6 51.8#
71 0.0 32.2 48.4#



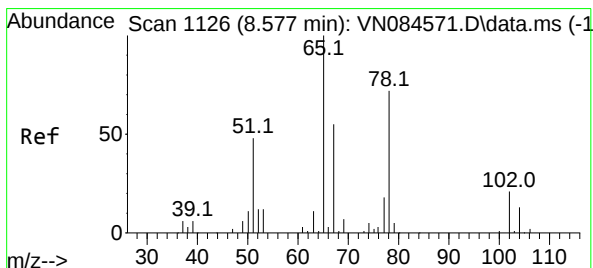
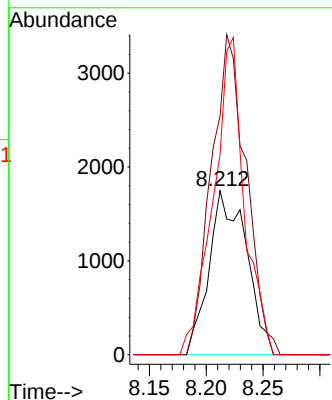
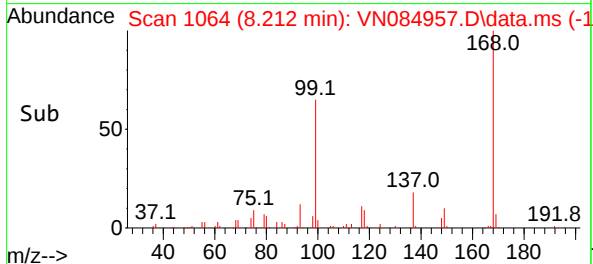


#31
Cyclohexane
Concen: 1.120 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Instrument :
MSVOA_N
ClientSampleId :
IBLK

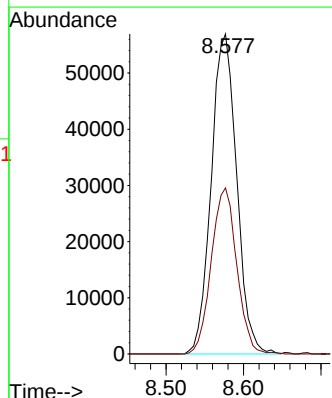
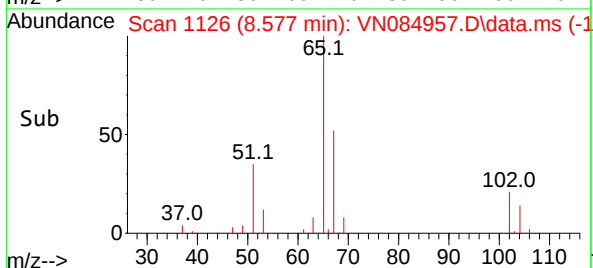
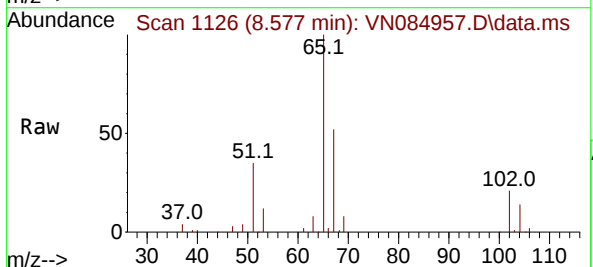


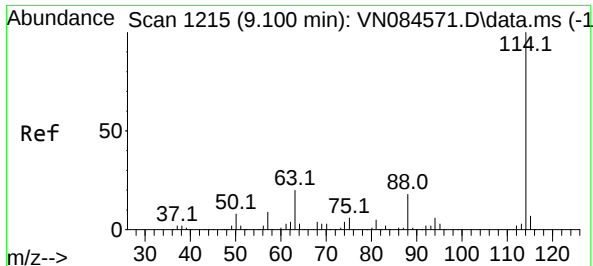
Tgt Ion: 56 Resp: 3990
Ion Ratio Lower Upper
56 100
69 145.6 23.8 35.6#
84 122.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.364 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion: 65 Resp: 129991
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

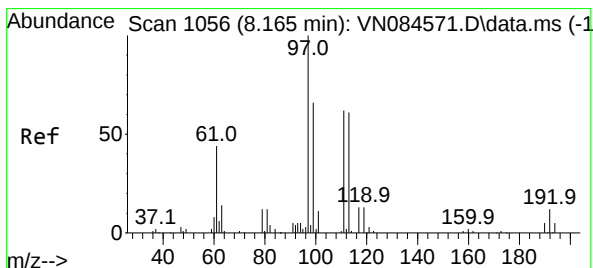
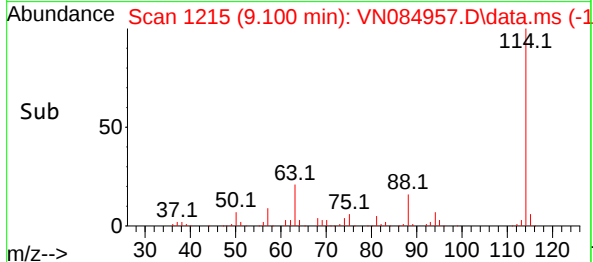
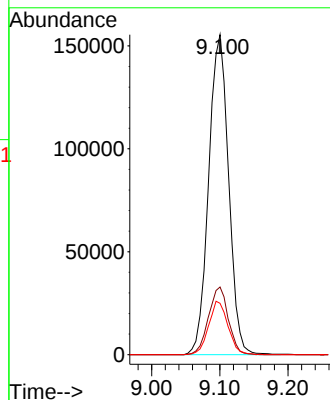
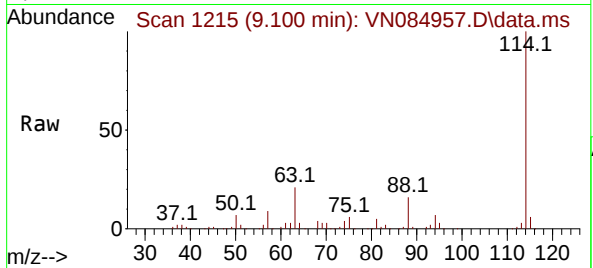




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

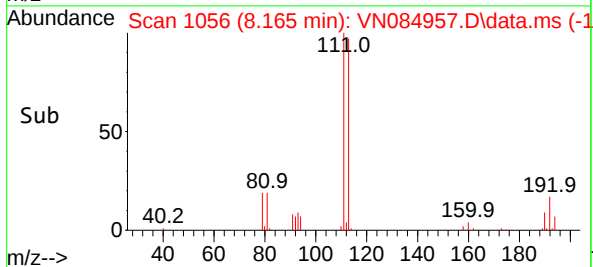
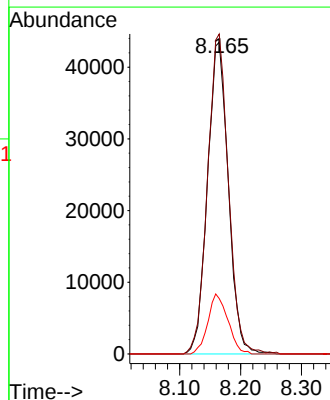
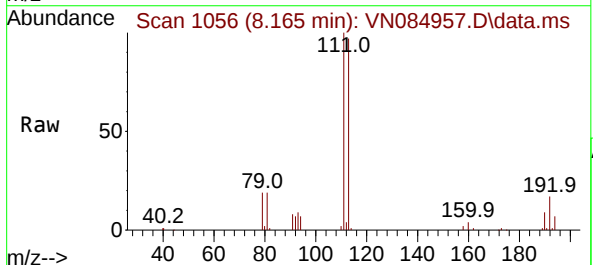
Instrument :
MSVOA_N
ClientSampleId :
IBLK

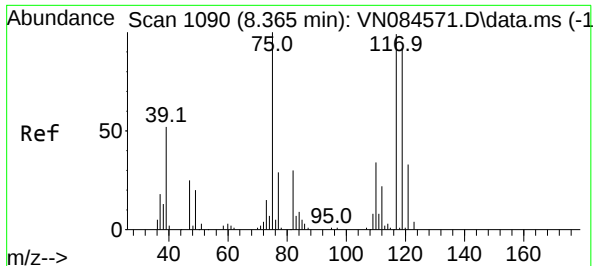
Tgt Ion:114 Resp: 316528
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.8
88 16.1 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.263 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion:113 Resp: 103405
Ion Ratio Lower Upper
113 100
111 102.6 83.3 124.9
192 18.5 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.302 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084957.D

Acq: 19 Nov 2024 19:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

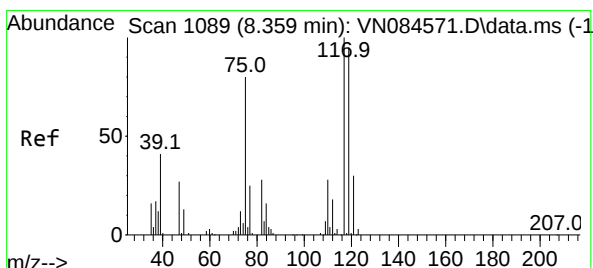
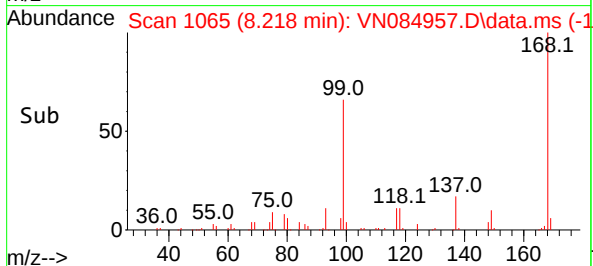
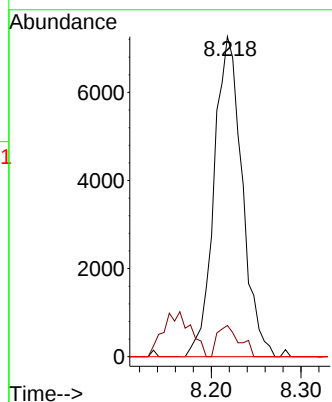
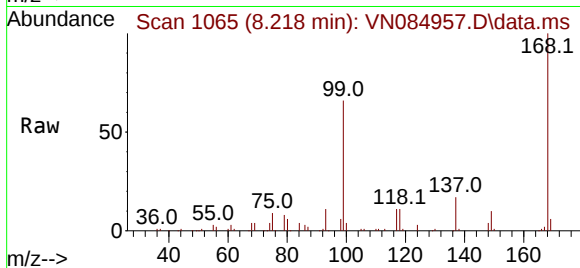
Tgt Ion: 75 Resp: 15753

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.717 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084957.D

Acq: 19 Nov 2024 19:16

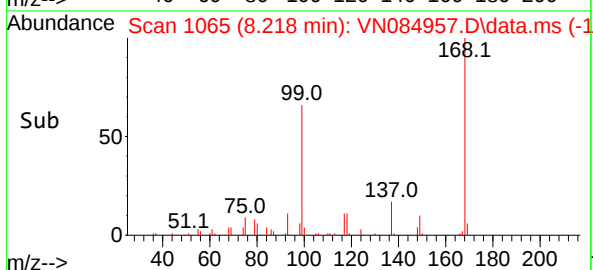
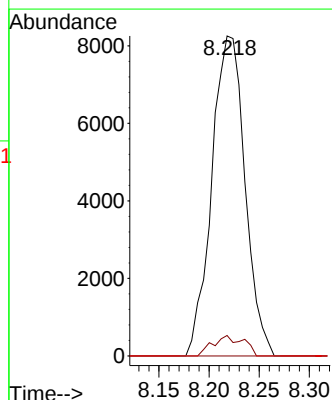
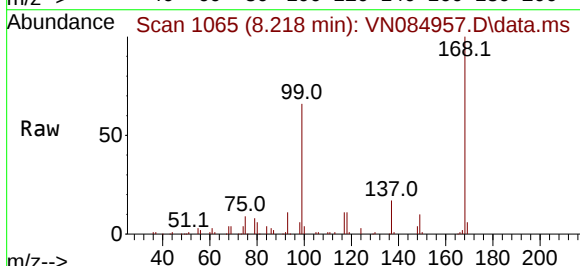
Tgt Ion: 117 Resp: 18989

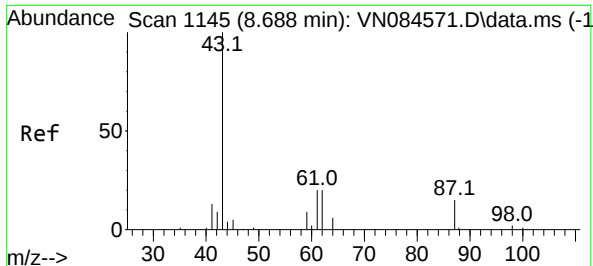
Ion Ratio Lower Upper

117 100

119 6.4 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.305 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084957.D

Acq: 19 Nov 2024 19:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

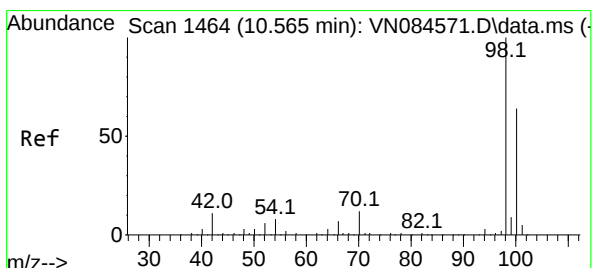
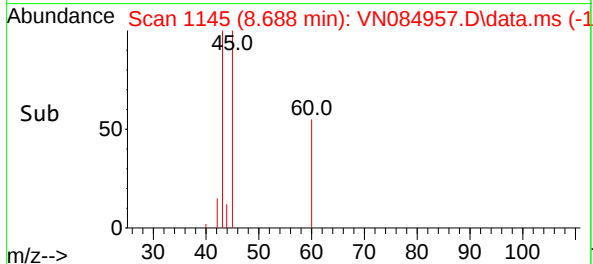
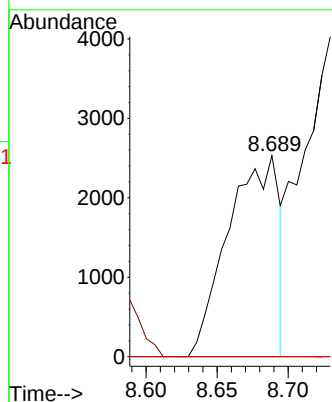
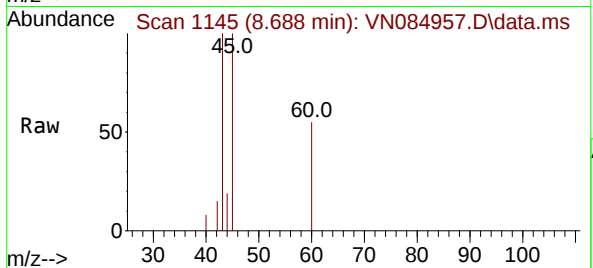
Tgt Ion: 43 Resp: 6296

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#50

Toluene-d8

Concen: 46.496 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084957.D

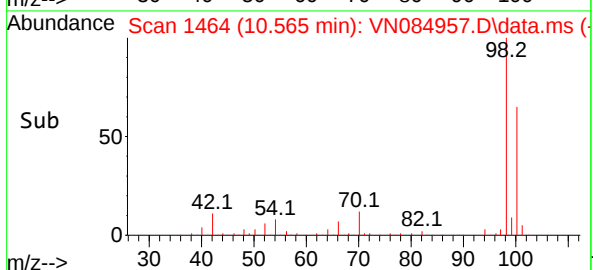
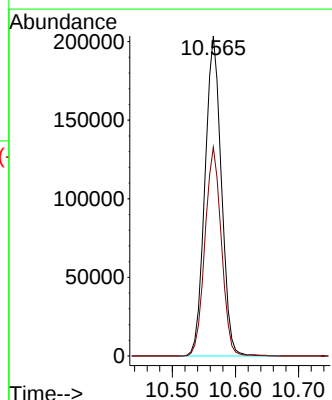
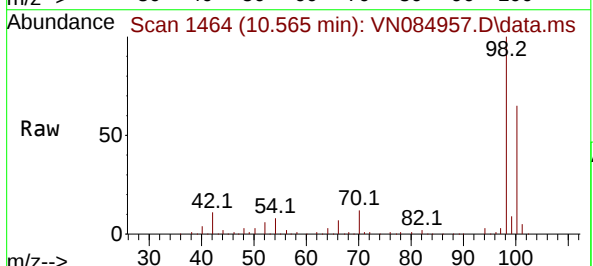
Acq: 19 Nov 2024 19:16

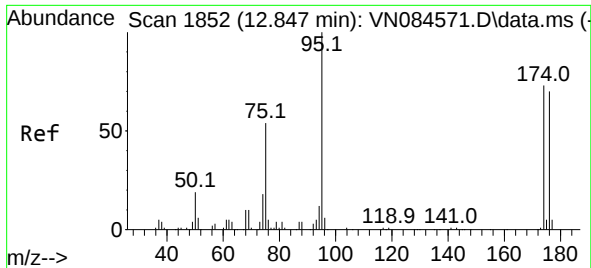
Tgt Ion: 98 Resp: 366958

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1

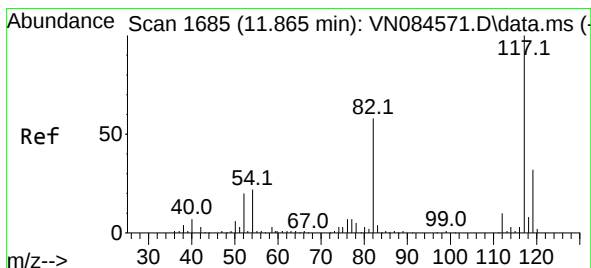
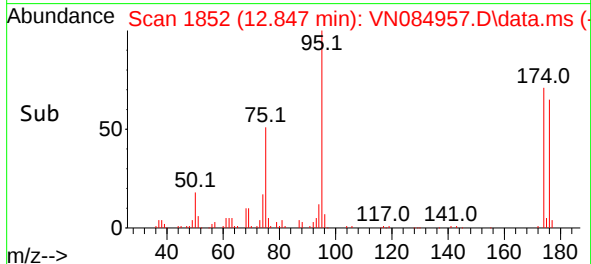
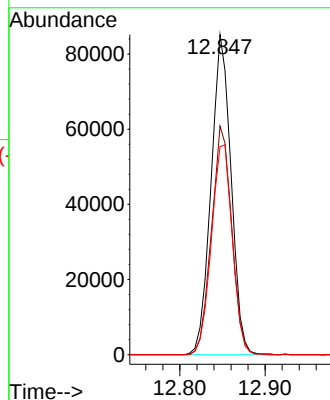
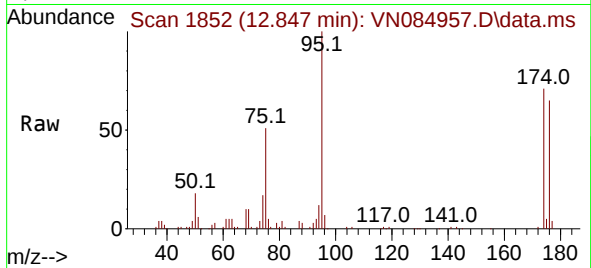




#62
4-Bromofluorobenzene
Concen: 46.981 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

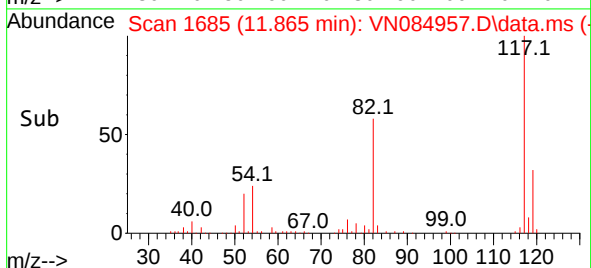
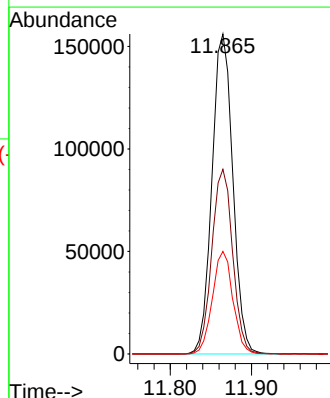
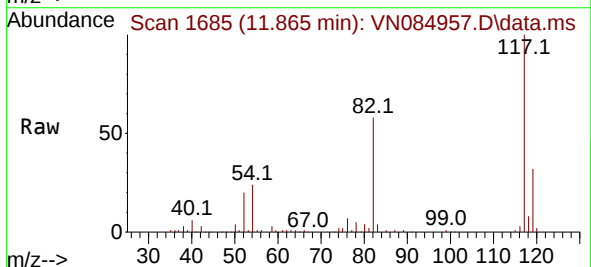
Instrument :
MSVOA_N
ClientSampleId :
IBLK

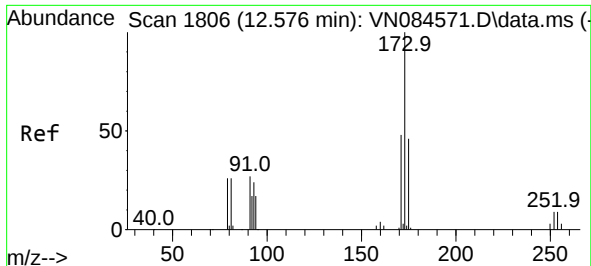
Tgt Ion: 95 Resp: 138575
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.2
176 68.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion: 117 Resp: 278393
Ion Ratio Lower Upper
117 100
82 57.7 47.2 70.8
119 32.1 25.4 38.0

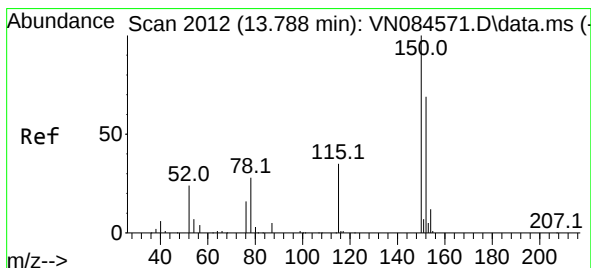
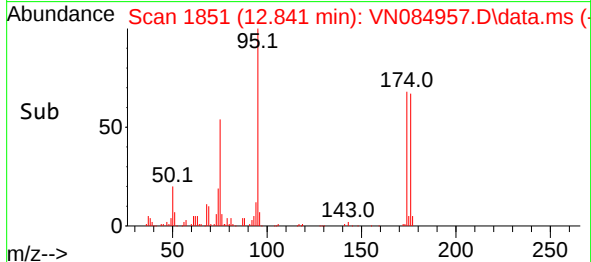
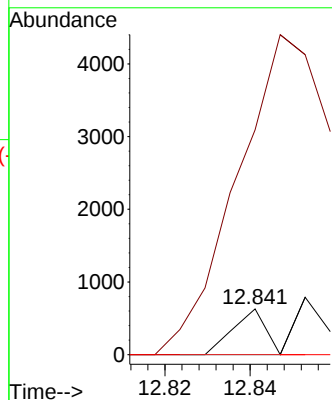
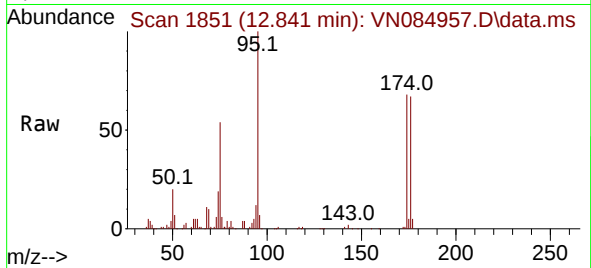




#71
Bromoform
Concen: 0.206 ug/l
RT: 12.841 min Scan# 1806
Delta R.T. 0.265 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

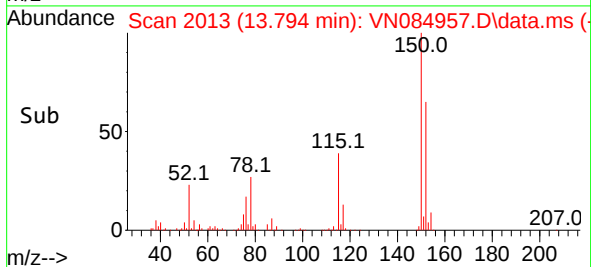
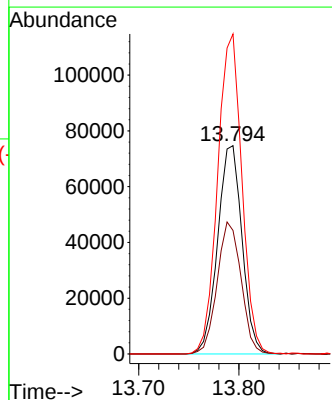
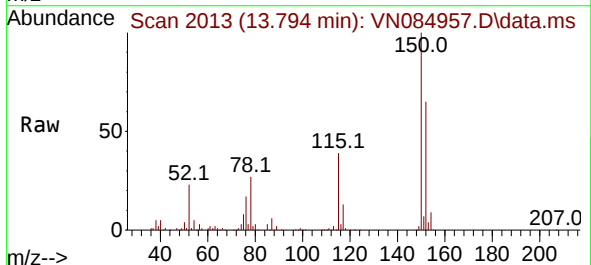
Instrument :
MSVOA_N
ClientSampleId :
IBLK

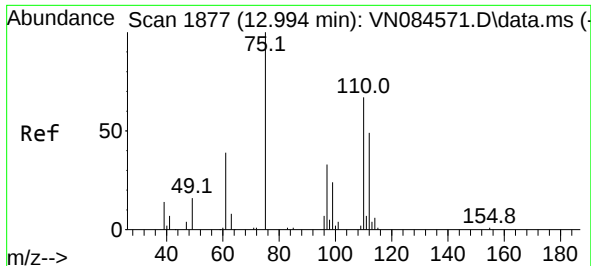
Tgt Ion:173 Resp: 336
Ion Ratio Lower Upper
173 100
175 1588.1 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion:152 Resp: 126285
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 152.5 0.0 349.8

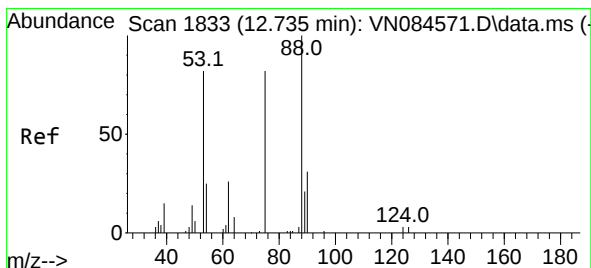
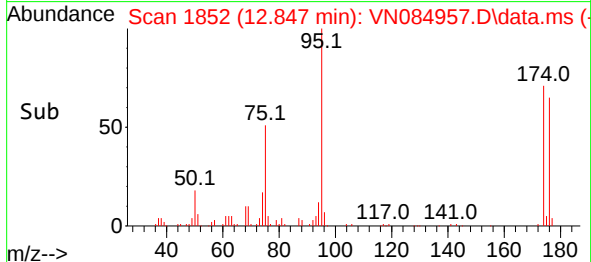
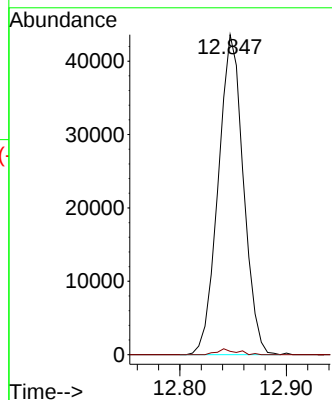
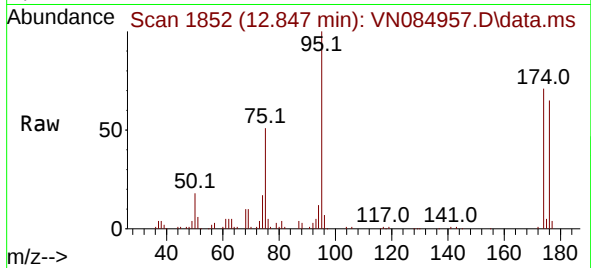




#76
1,2,3-Trichloropropane
Concen: 28.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

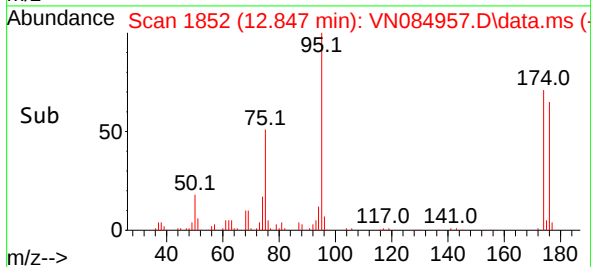
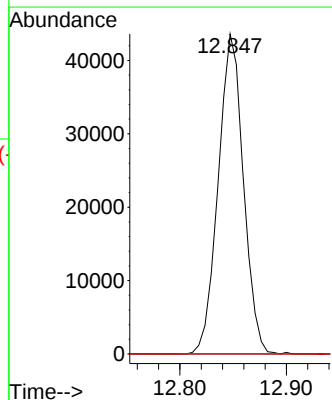
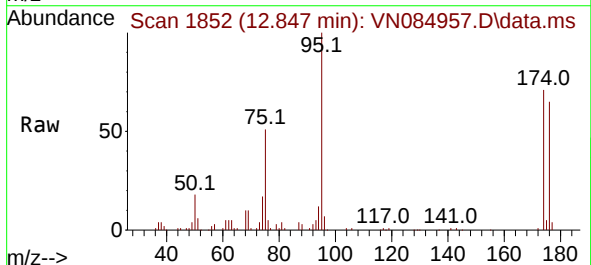
Instrument :
MSVOA_N
ClientSampleId :
IBLK

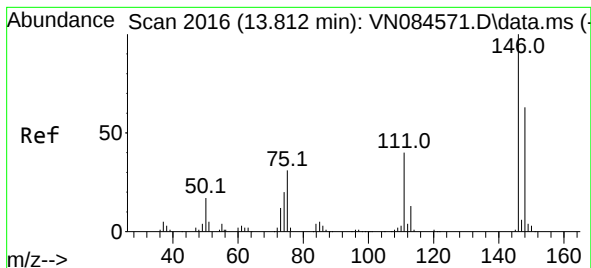
Tgt Ion: 75 Resp: 71545
Ion Ratio Lower Upper
75 100
77 1.4 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.238 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084957.D
Acq: 19 Nov 2024 19:16

Tgt Ion: 75 Resp: 71545
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.800 min Scan# 2016

Delta R.T. -0.012 min

Lab File: VN084957.D

Acq: 19 Nov 2024 19:16

Instrument :

MSVOA_N

ClientSampleId :

IBLK

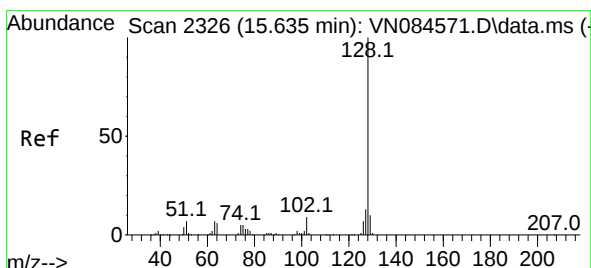
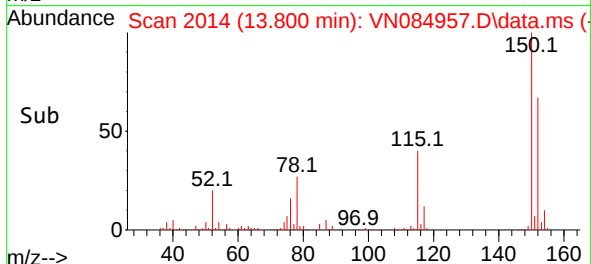
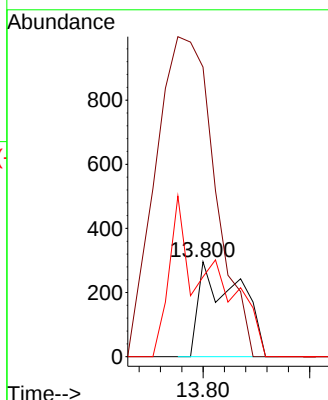
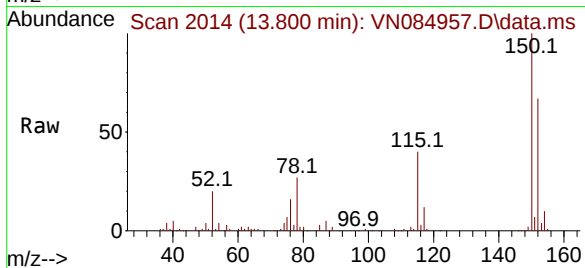
Tgt Ion:146 Resp: 383

Ion Ratio Lower Upper

146 100

111 505.0 21.2 63.6#

148 102.3 31.9 95.9#



#95

Naphthalene

Concen: 0.826 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084957.D

Acq: 19 Nov 2024 19:16

Tgt Ion:128 Resp: 6034

Ion Ratio Lower Upper

128 100

127 11.9 10.5 15.7

129 11.2 8.7 13.1

