

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084219.D
 Acq On : 30 Sep 2024 15:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 01 07:14:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

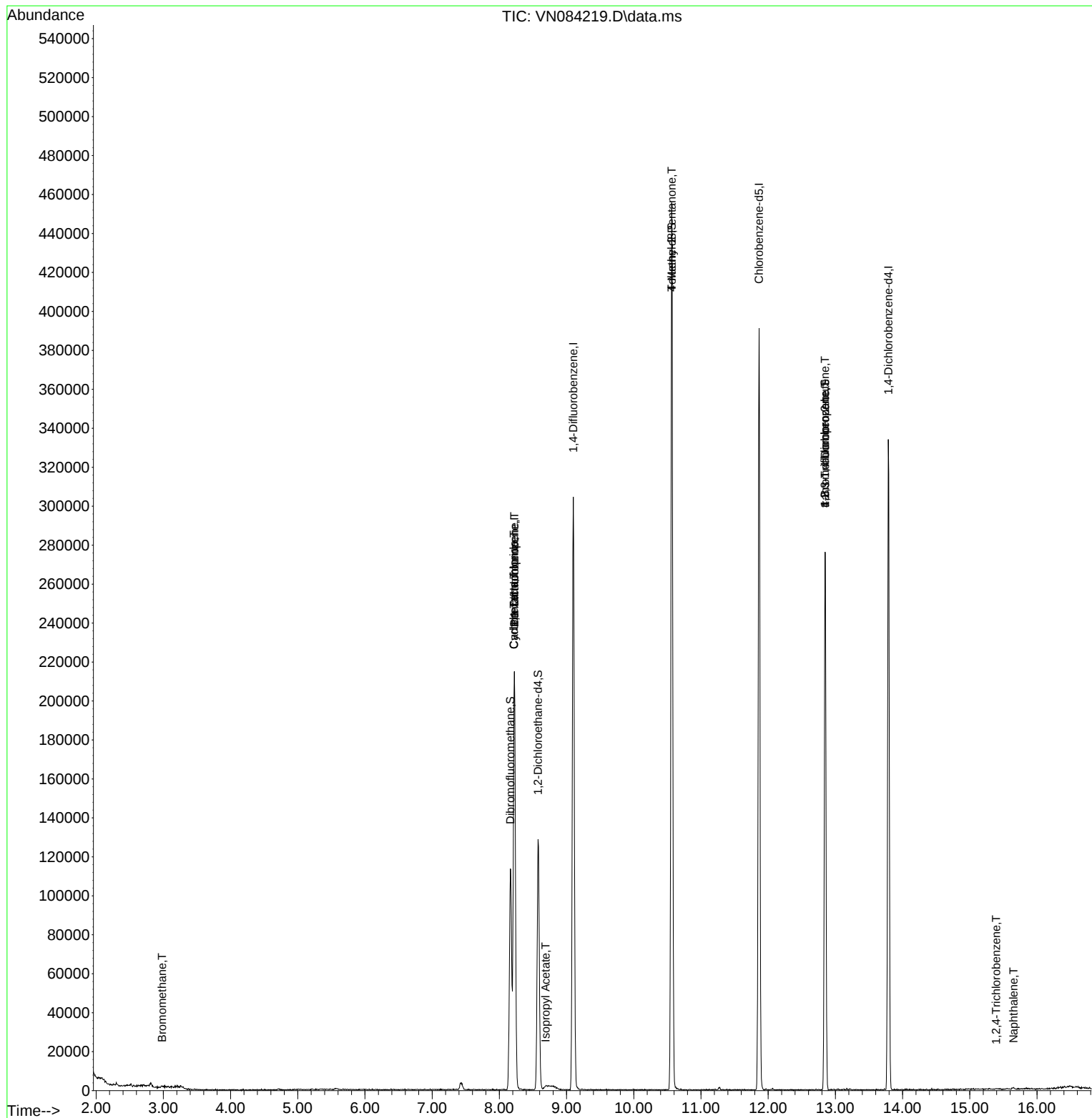
Internal Standards						
1) Pentafluorobenzene	8.224	168	152665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	85662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109127	48.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.420%		
35) Dibromofluoromethane	8.165	113	81520	47.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.780%		
50) Toluene-d8	10.565	98	305069	48.715	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.847	95	99227	43.493	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.980%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	440	0.334	ug/l #	61
31) Cyclohexane	8.218	56	3525	1.051	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13916	5.629	ug/l #	50
38) Carbon Tetrachloride	8.218	117	16597	6.120	ug/l #	16
43) Isopropyl Acetate	8.688	43	2044	0.411	ug/l #	56
51) 4-Methyl-2-Pentanone	10.565	43	1444	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	53090	30.358	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53090	72.781	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.394	180	340	0.238	ug/l #	13
95) Naphthalene	15.653	128	1290	0.272	ug/l #	69

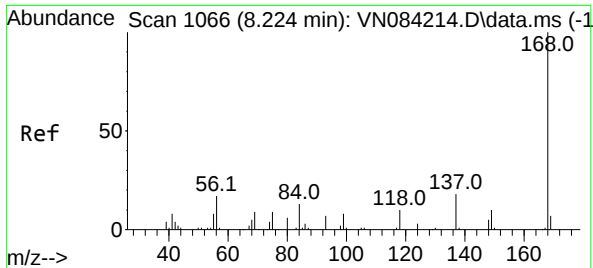
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

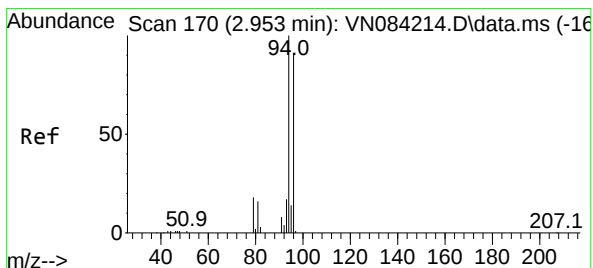
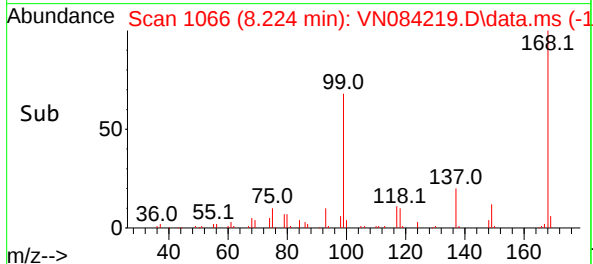
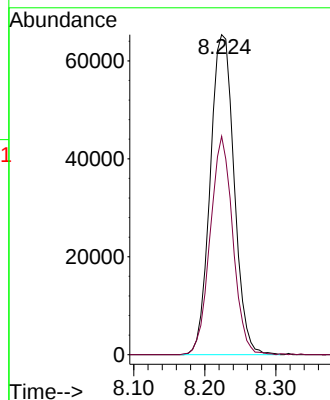
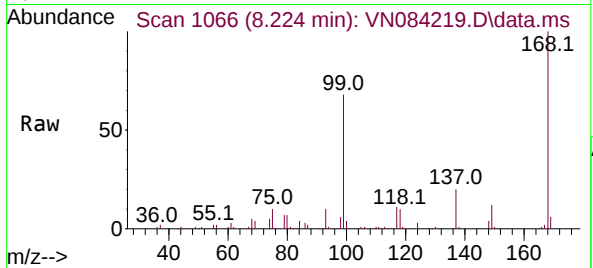




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

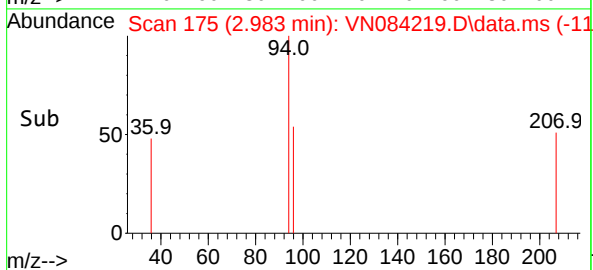
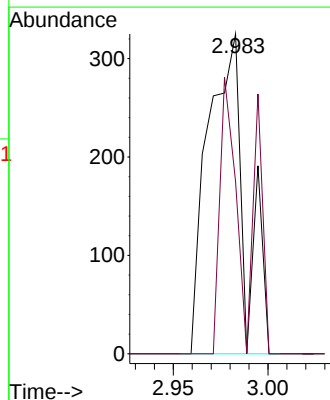
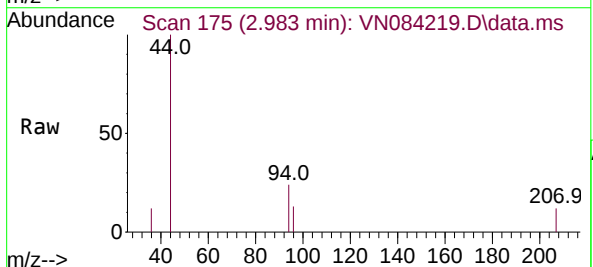
Instrument :
MSVOA_N
ClientSampleId :
IBLK

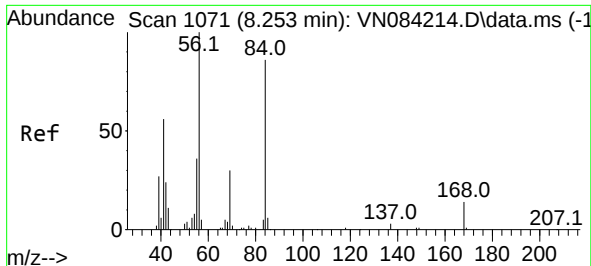
Tgt Ion:168 Resp: 152665
Ion Ratio Lower Upper
168 100
99 68.2 54.2 81.2



#5
Bromomethane
Concen: 0.334 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.029 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

Tgt Ion: 94 Resp: 440
Ion Ratio Lower Upper
94 100
96 53.8 72.9 109.3#

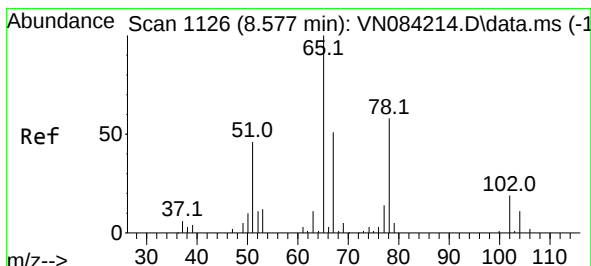
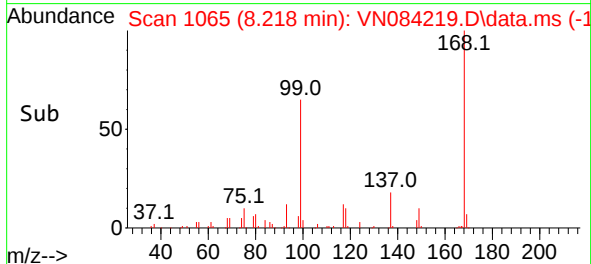
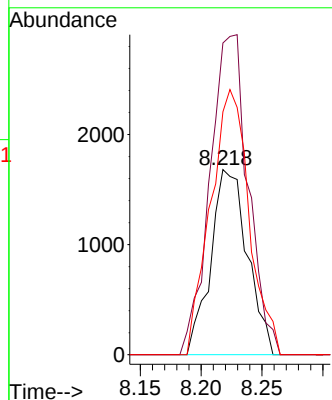
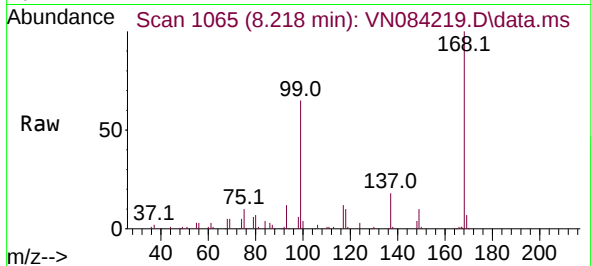




#31
Cyclohexane
Concen: 1.051 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

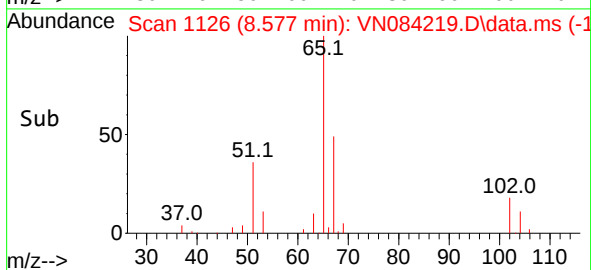
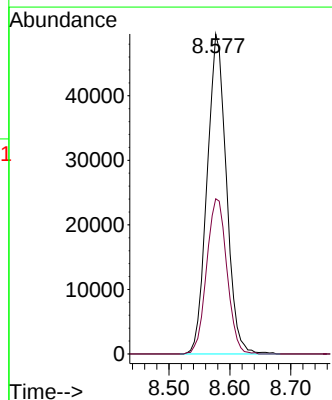
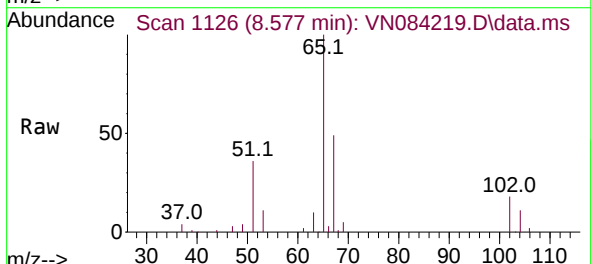
Instrument :
MSVOA_N
ClientSampleId :
IBLK

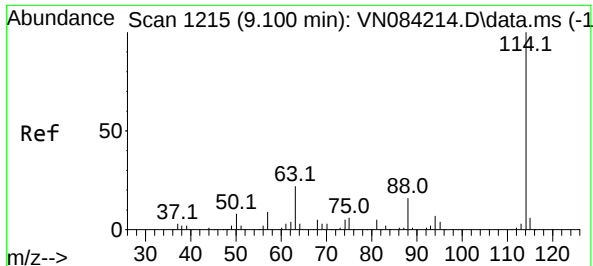
Tgt Ion: 56 Resp: 3525
Ion Ratio Lower Upper
56 100
69 168.4 23.8 35.6#
84 131.2 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.211 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

Tgt Ion: 65 Resp: 109127
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.0

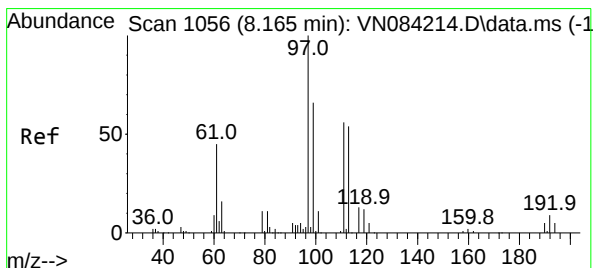
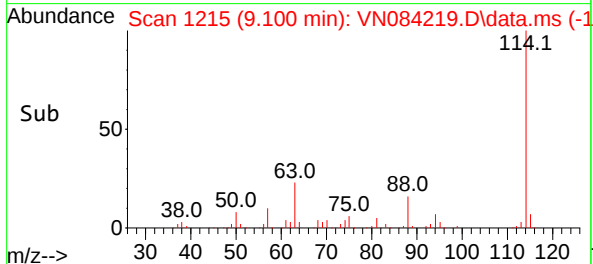
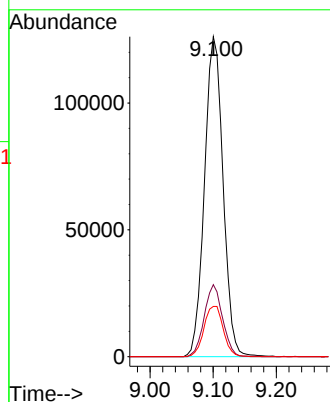
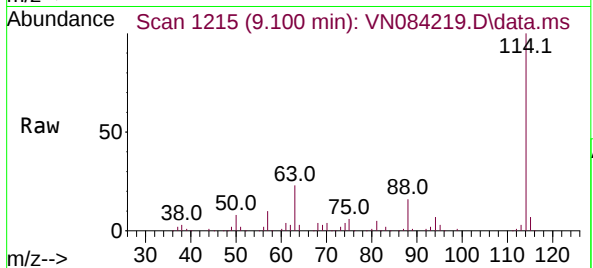




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

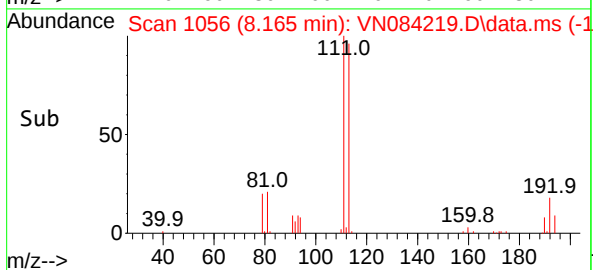
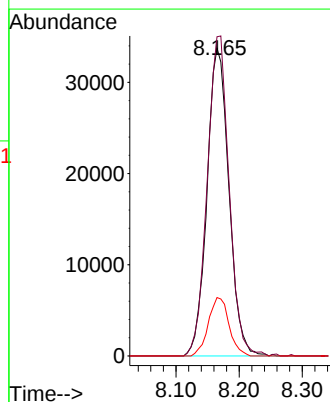
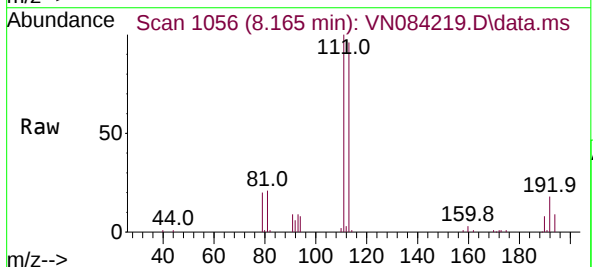
Instrument :
MSVOA_N
ClientSampleId :
IBLK

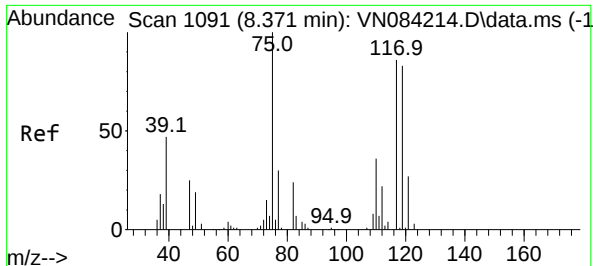
Tgt Ion:114 Resp: 258188
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.8
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 47.893 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

Tgt Ion:113 Resp: 81520
Ion Ratio Lower Upper
113 100
111 103.8 83.3 124.9
192 17.9 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.629 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

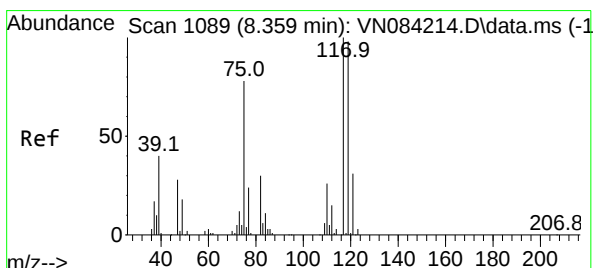
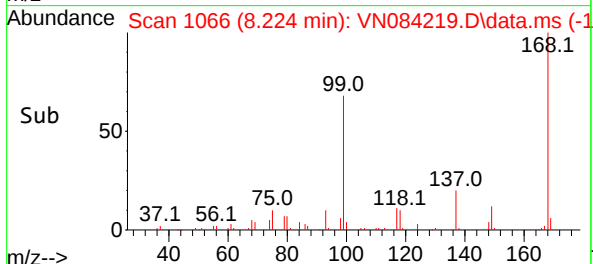
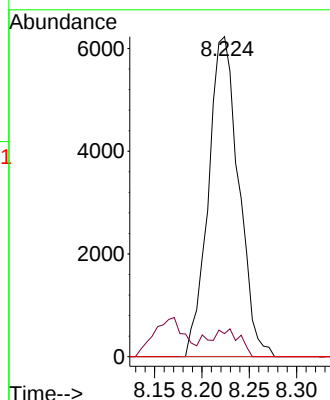
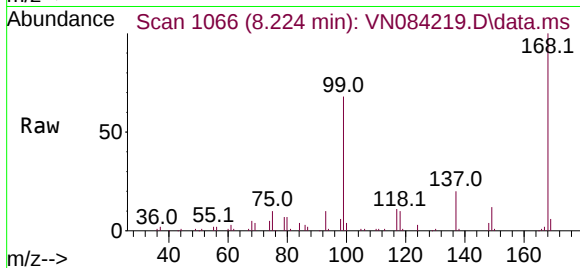
Tgt Ion: 75 Resp: 13916

Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.120 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

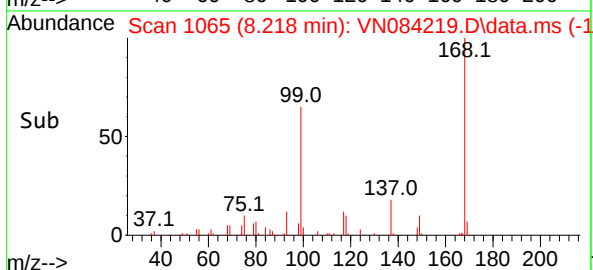
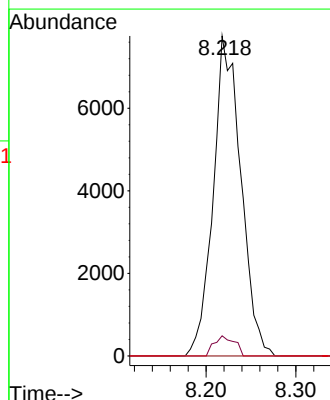
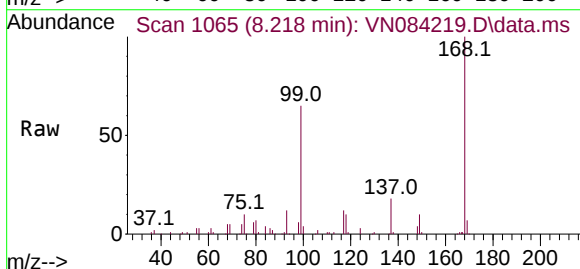
Tgt Ion: 117 Resp: 16597

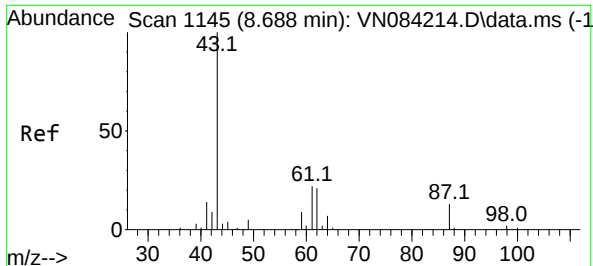
Ion Ratio Lower Upper

117 100

119 6.3 78.7 118.1#

121 0.0 24.4 36.6#

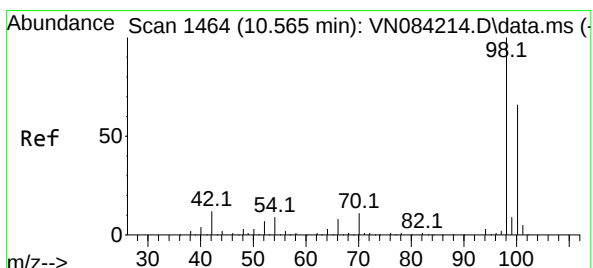
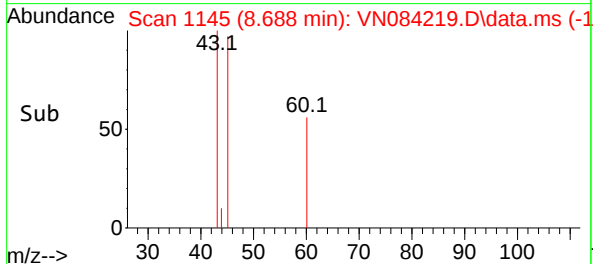
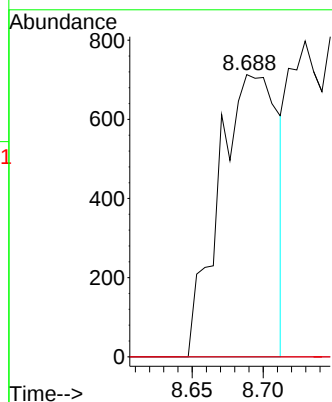
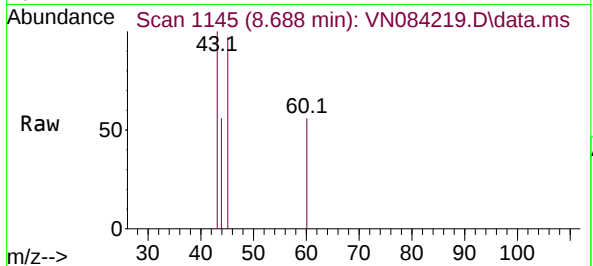




#43
Isopropyl Acetate
Concen: 0.411 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

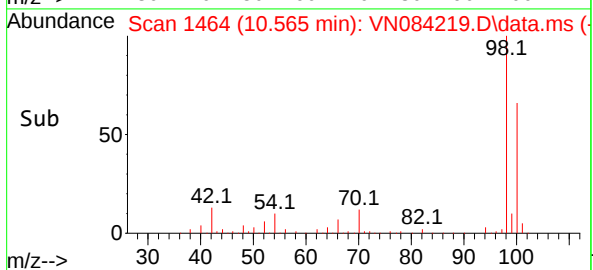
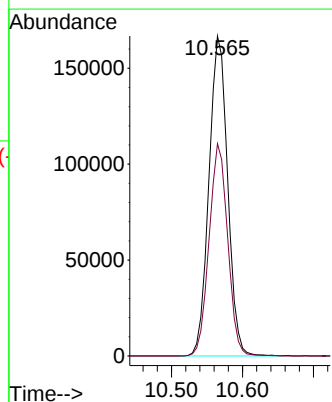
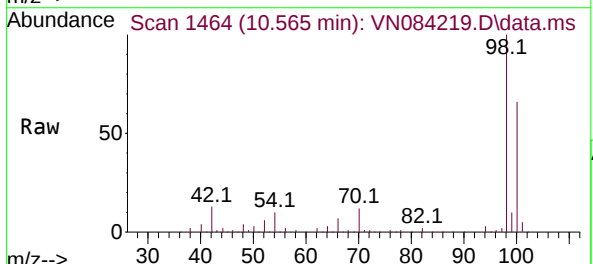
Instrument :
MSVOA_N
ClientSampleId :
IBLK

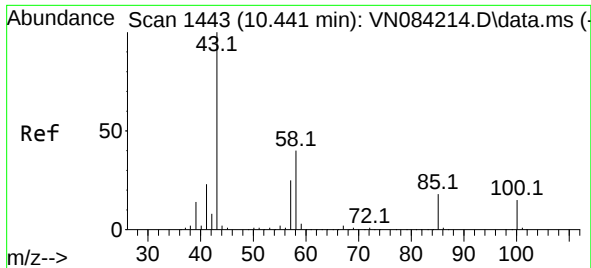
Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 48.715 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

Tgt Ion: 98 Resp: 305069
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.598 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.124 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

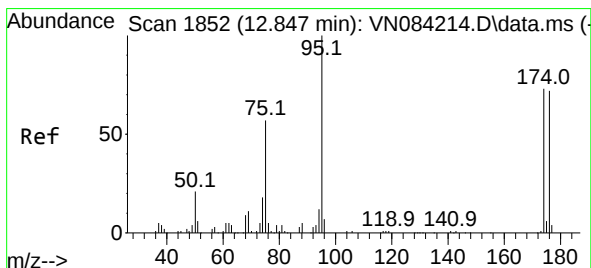
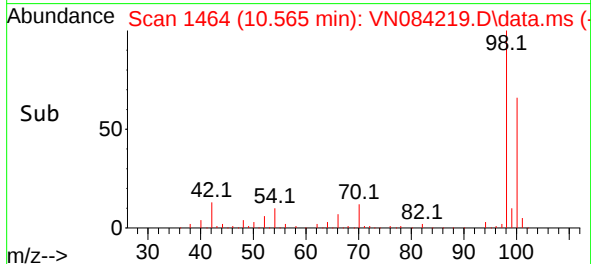
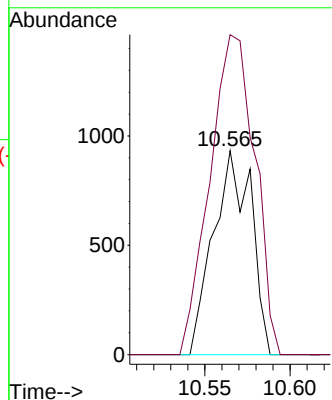
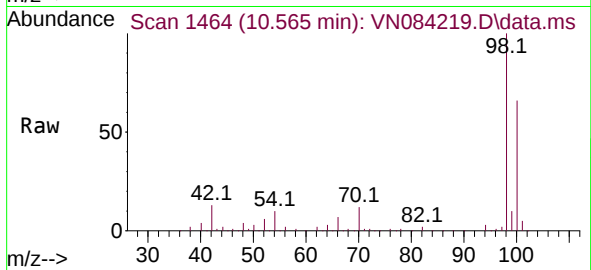
IBLK

Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

58 186.4 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 43.493 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

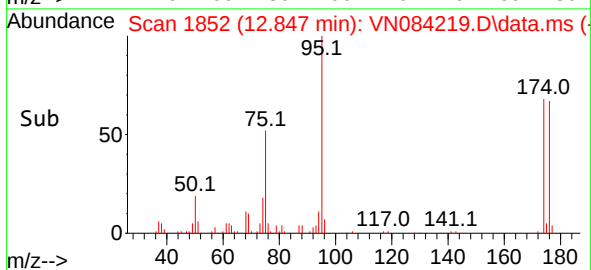
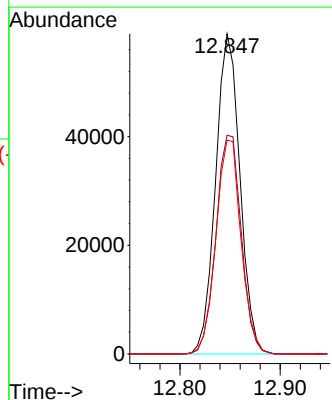
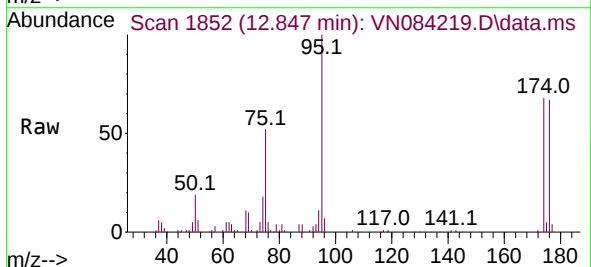
Tgt Ion: 95 Resp: 99227

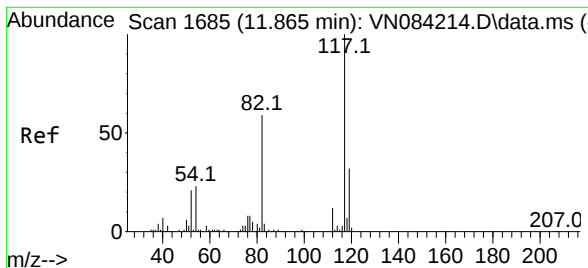
Ion Ratio Lower Upper

95 100

174 70.9 0.0 145.2

176 69.2 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

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IBLK

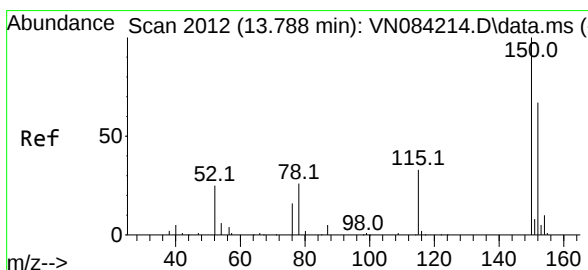
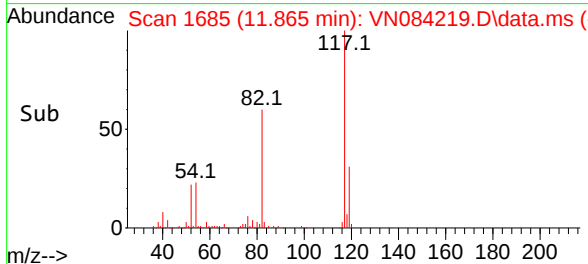
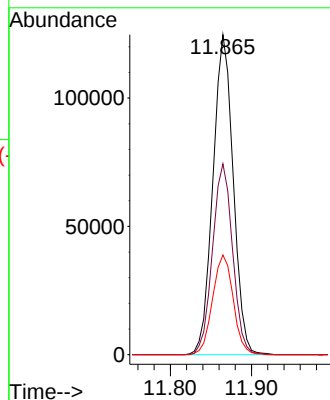
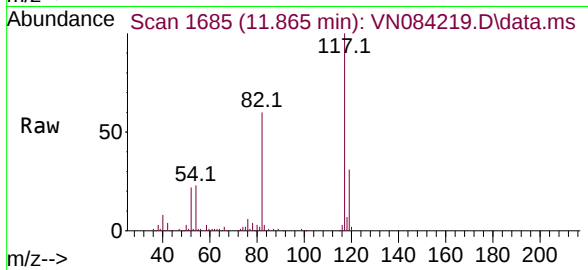
Tgt Ion:117 Resp: 216752

Ion Ratio Lower Upper

117 100

82 59.7 47.2 70.8

119 31.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

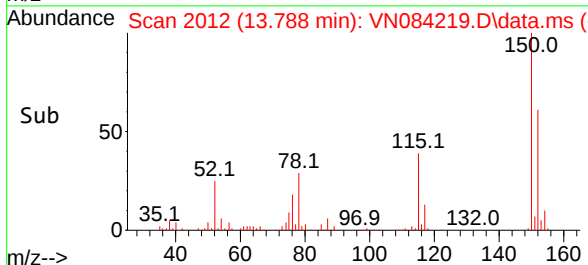
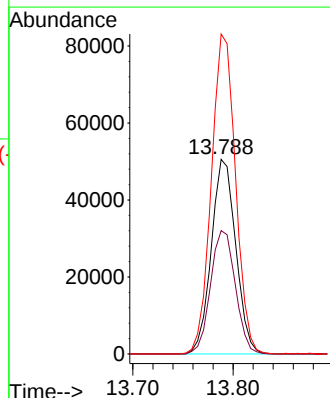
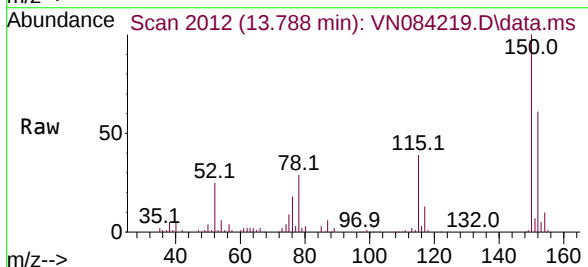
Tgt Ion:152 Resp: 85662

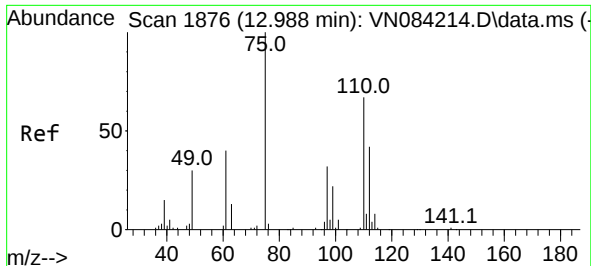
Ion Ratio Lower Upper

152 100

115 64.1 31.3 93.9

150 162.1 0.0 349.8

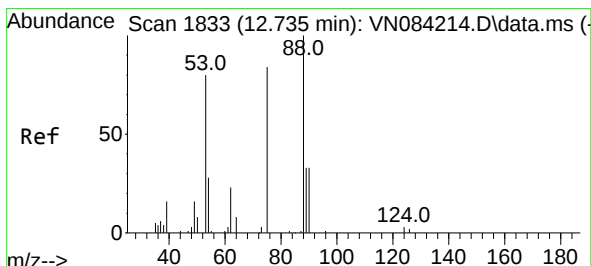
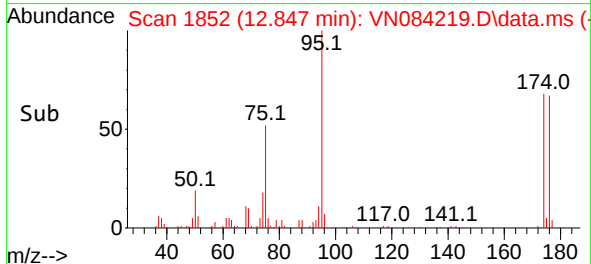
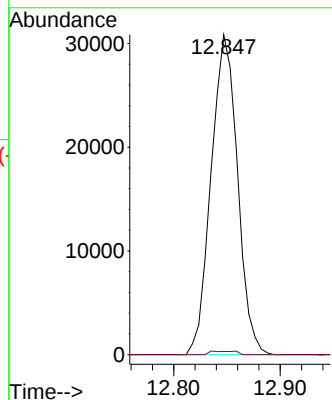
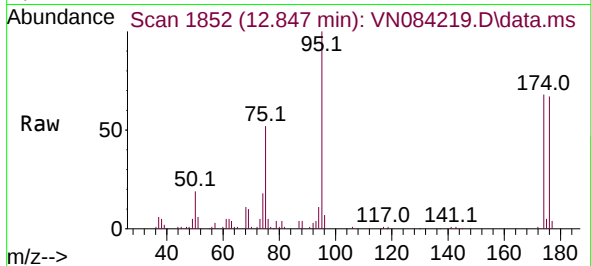




#76
1,2,3-Trichloropropane
Concen: 30.358 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

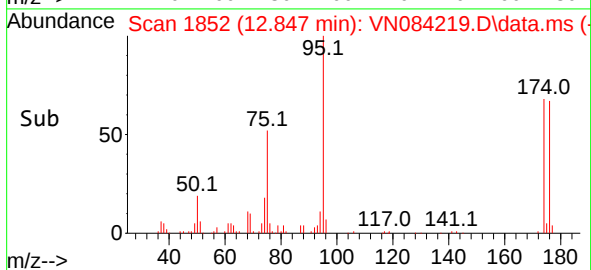
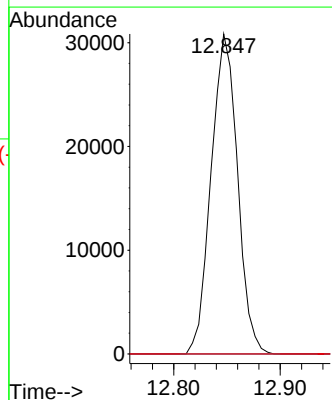
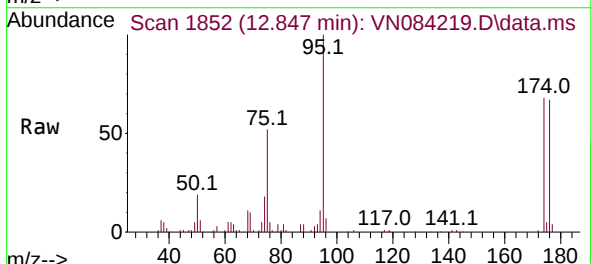
Instrument :
MSVOA_N
ClientSampleId :
IBLK

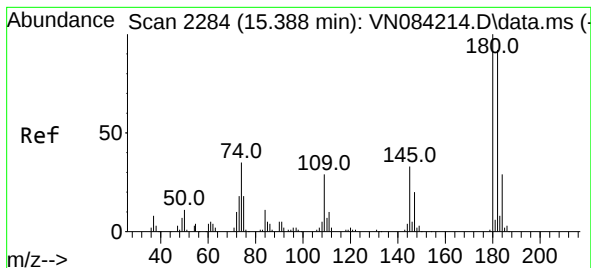
Tgt Ion: 75 Resp: 53090
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.781 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084219.D
Acq: 30 Sep 2024 15:12

Tgt Ion: 75 Resp: 53090
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.238 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

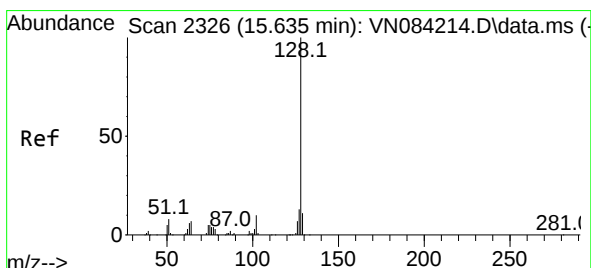
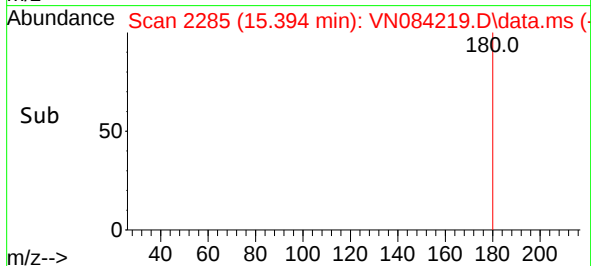
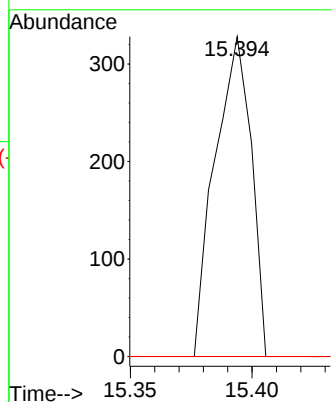
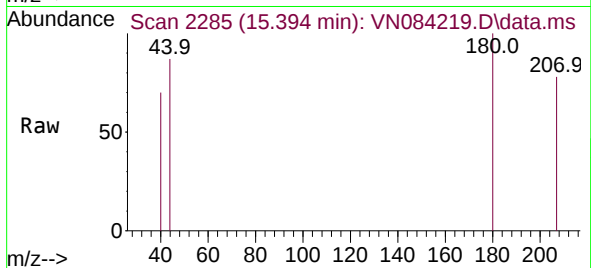
Tgt Ion:180 Resp: 340

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.0#

145 0.0 16.4 49.4#



#95

Naphthalene

Concen: 0.272 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.018 min

Lab File: VN084219.D

Acq: 30 Sep 2024 15:12

Tgt Ion:128 Resp: 1290

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.7 13.1#

