

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084522.D
 Acq On : 25 Oct 2024 17:38
 Operator : JC\MD
 Sample : P4550-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 23:37:11 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)

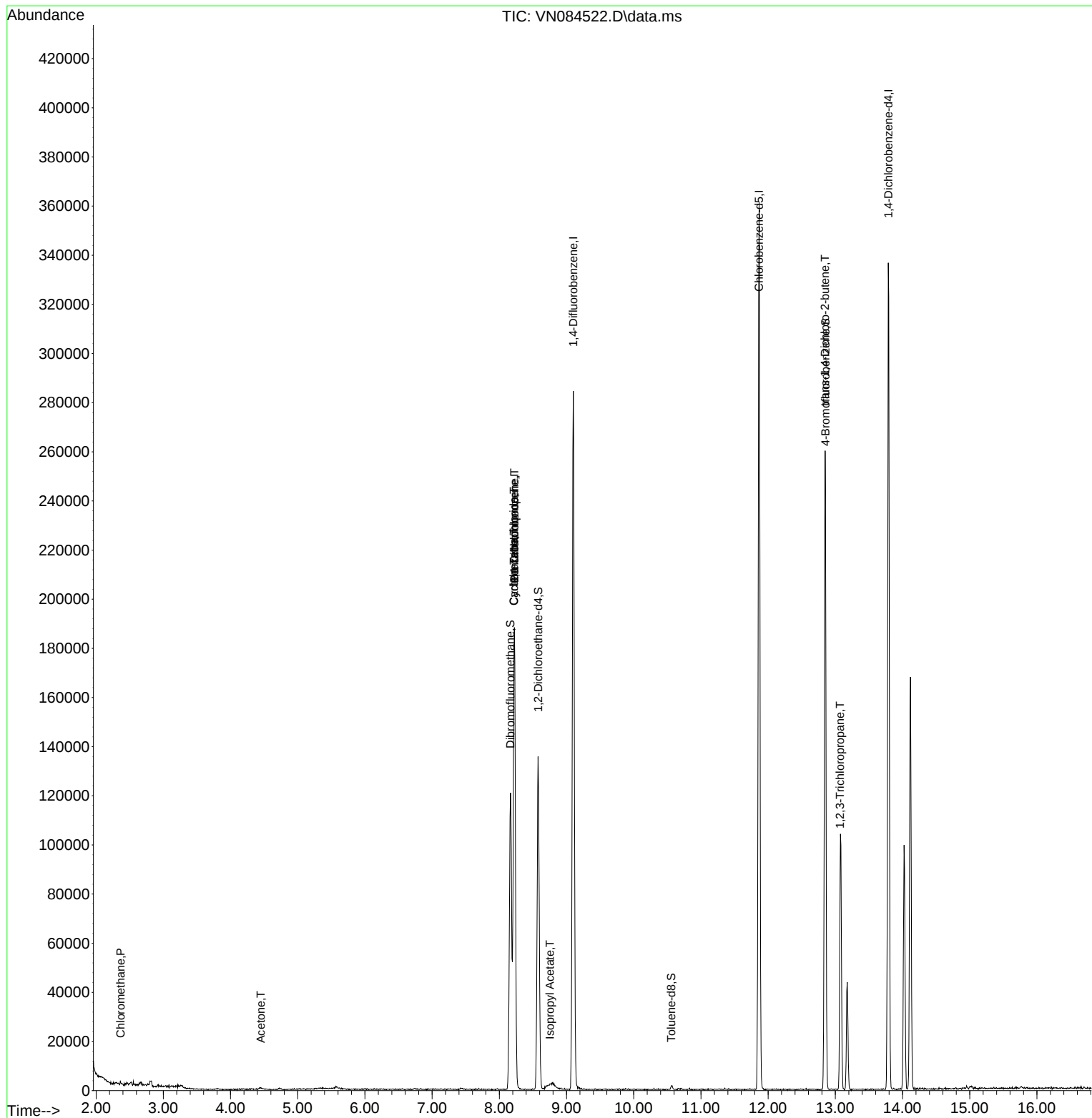
Internal Standards						
1) Pentafluorobenzene	8.224	168	134181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	240879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	89988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109398	54.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.980%			
35) Dibromofluoromethane	8.165	113	88974	56.028	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.060%			
50) Toluene-d8	10.559	98	1416	0.242	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 0.480%#			
62) 4-Bromofluorobenzene	12.853	95	91016	42.761	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.520%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	579	0.319	ug/l #	76
16) Acetone	4.448	43	1426	1.669	ug/l #	44
31) Cyclohexane	8.218	56	3070	1.042	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	12508	5.423	ug/l #	48
38) Carbon Tetrachloride	8.218	117	15224	6.017	ug/l #	18
43) Isopropyl Acetate	8.753	43	2675	0.577	ug/l #	56
76) 1,2,3-Trichloropropane	13.071	75	1481	0.806	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	47776	62.348	ug/l #	11

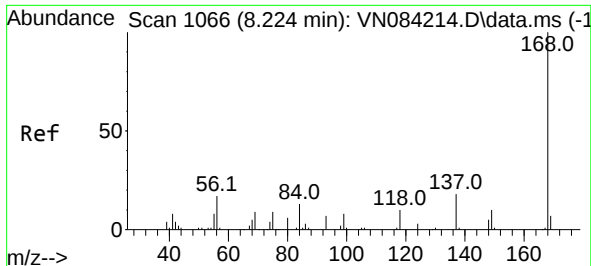
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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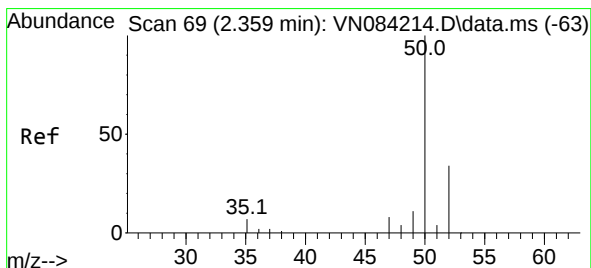
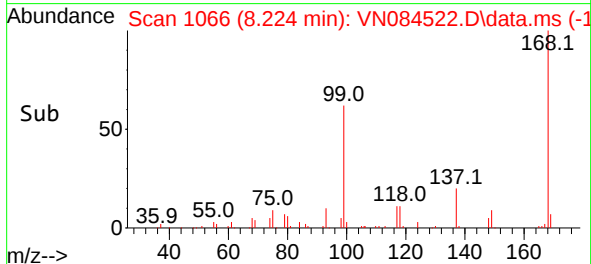
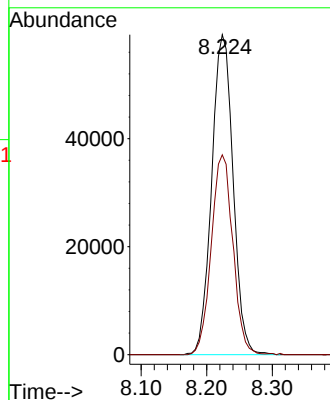
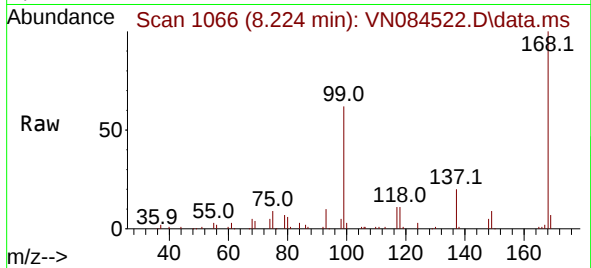




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

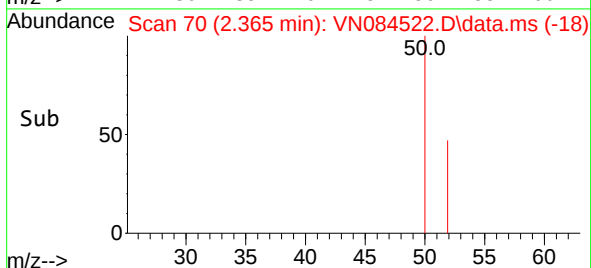
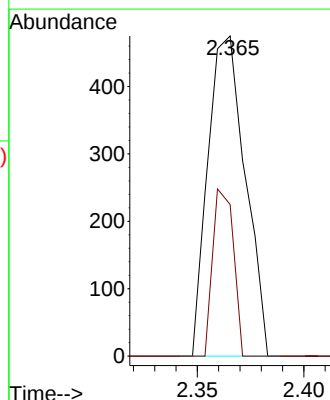
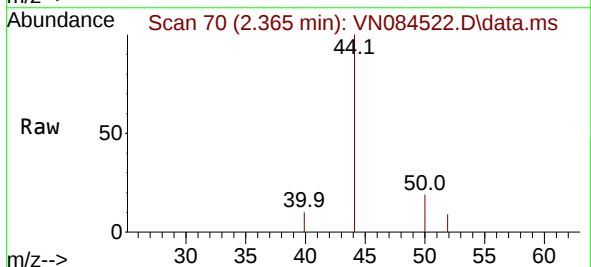
Instrument :
MSVOA_N
ClientSampleId :

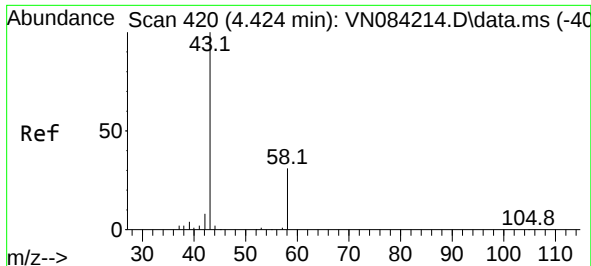
Tgt Ion:168 Resp: 134181
Ion Ratio Lower Upper
168 100
99 62.4 54.2 81.2



#3
Chloromethane
Concen: 0.319 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Tgt Ion: 50 Resp: 579
Ion Ratio Lower Upper
50 100
52 47.4 26.8 40.2#





#16

Acetone

Concen: 1.669 ug/l

RT: 4.448 min Scan# 41

Delta R.T. 0.024 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

Instrument :

MSVOA_N

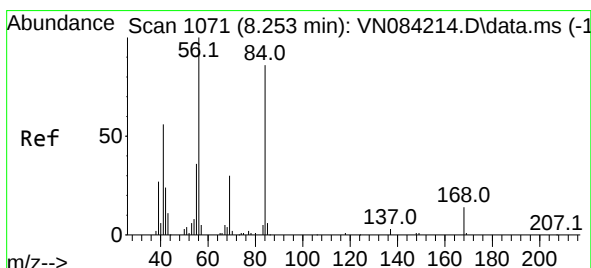
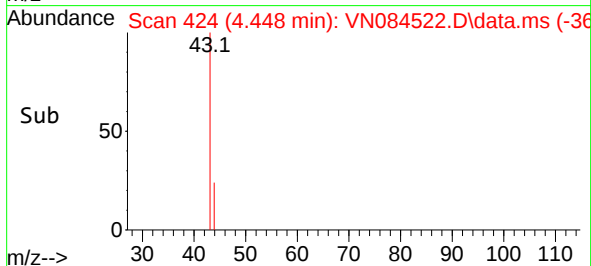
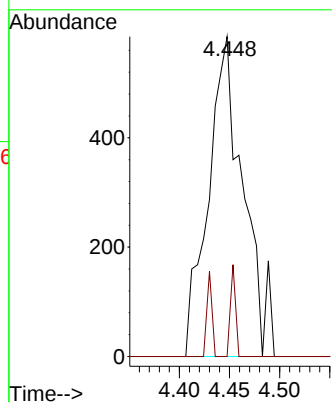
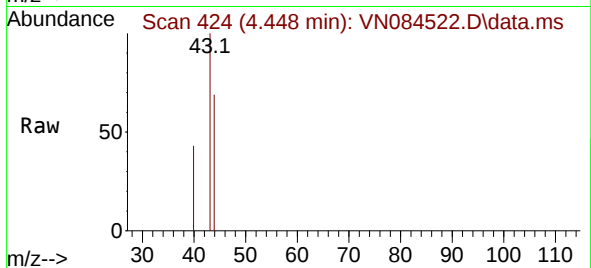
ClientSampleId :

Tgt Ion: 43 Resp: 1426

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.042 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

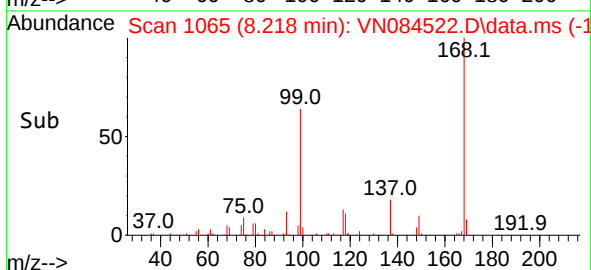
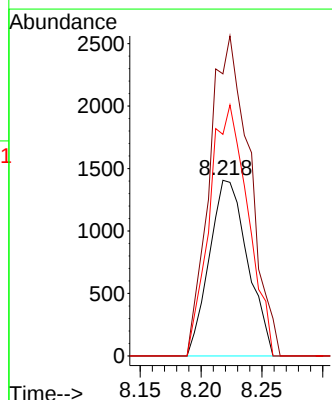
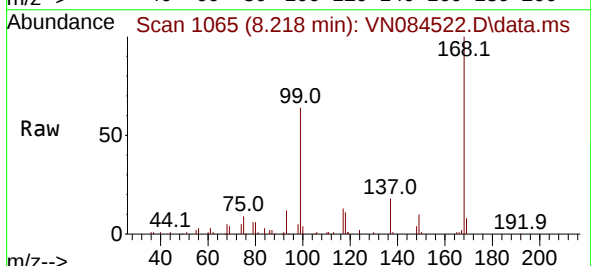
Tgt Ion: 56 Resp: 3070

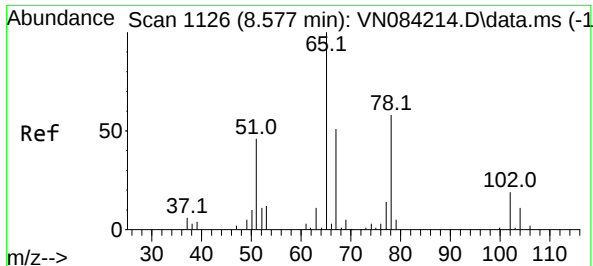
Ion Ratio Lower Upper

56 100

69 160.6 23.8 35.6#

84 126.1 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 54.988 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

Instrument :

MSVOA_N

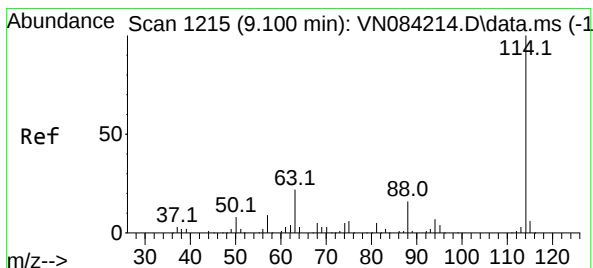
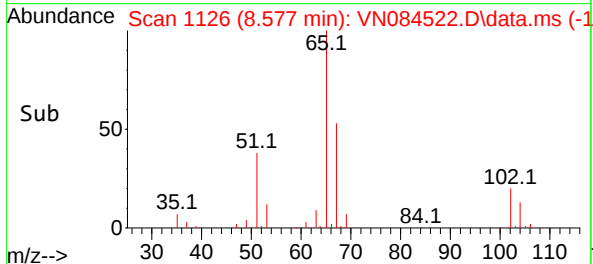
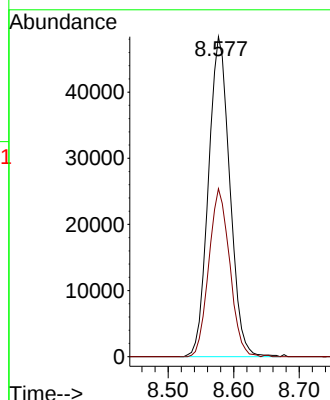
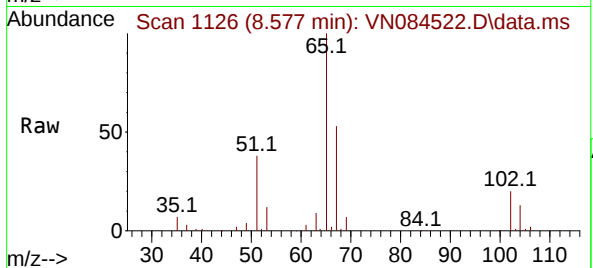
ClientSampleId :

Tgt Ion: 65 Resp: 109398

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

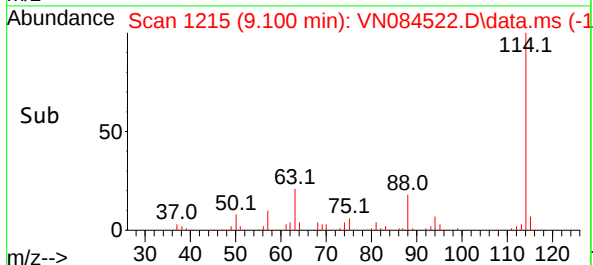
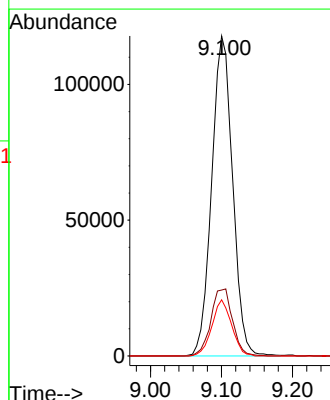
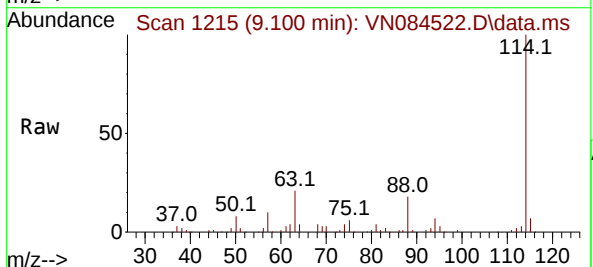
Tgt Ion: 114 Resp: 240879

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.8

88 17.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 56.028 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

Instrument :

MSVOA_N

ClientSampleId :

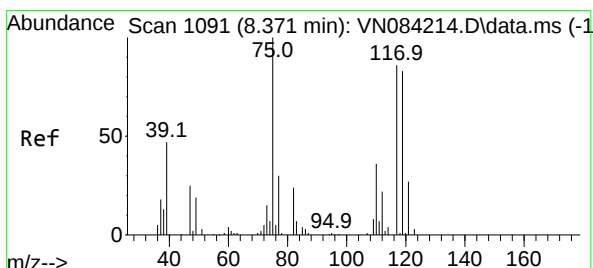
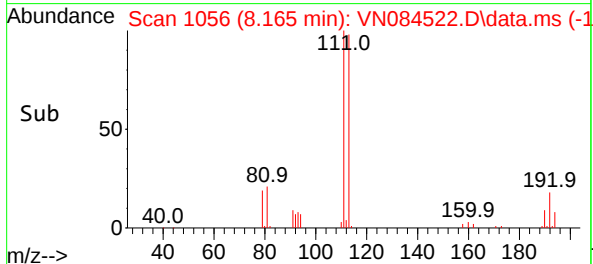
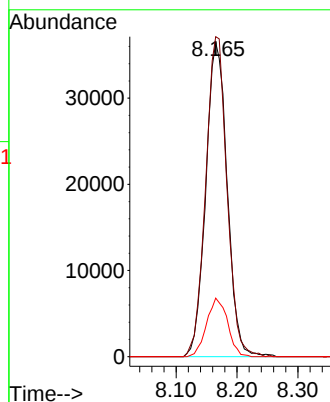
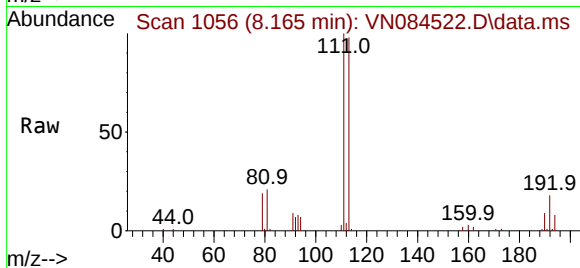
Tgt Ion:113 Resp: 88974

Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

192 18.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.423 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

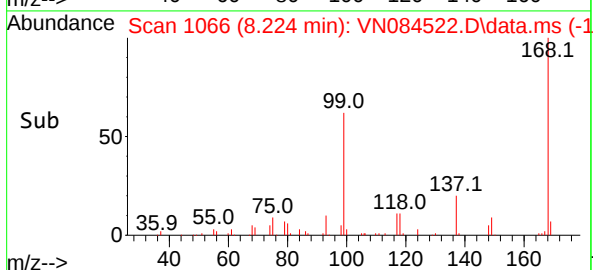
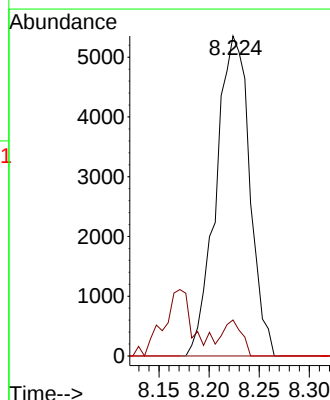
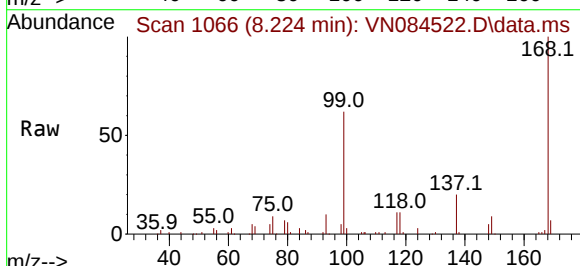
Tgt Ion: 75 Resp: 12508

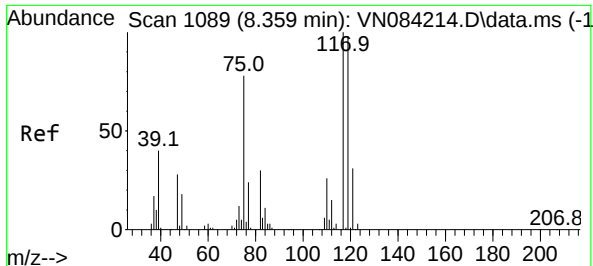
Ion Ratio Lower Upper

75 100

110 6.2 16.9 50.7#

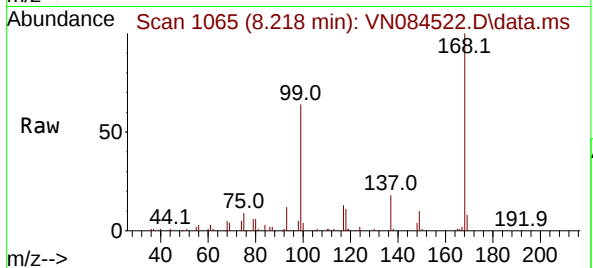
77 0.0 24.7 37.1#



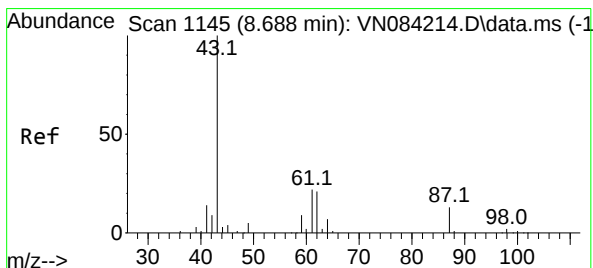
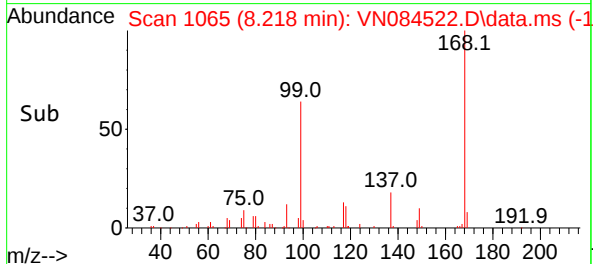
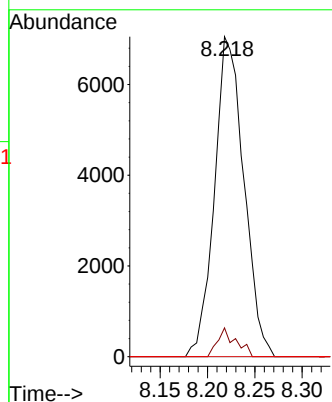


#38
Carbon Tetrachloride
Concen: 6.017 ug/l
RT: 8.218 min Scan# 1156
Delta R.T. -0.141 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :

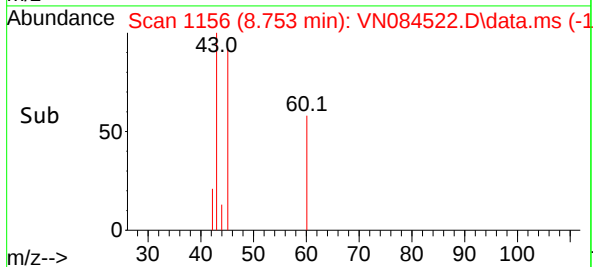
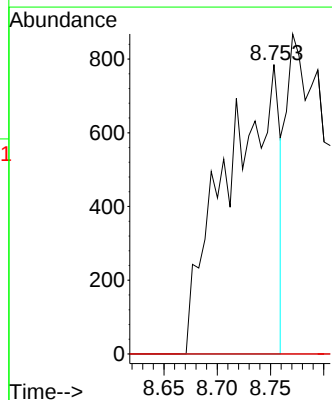
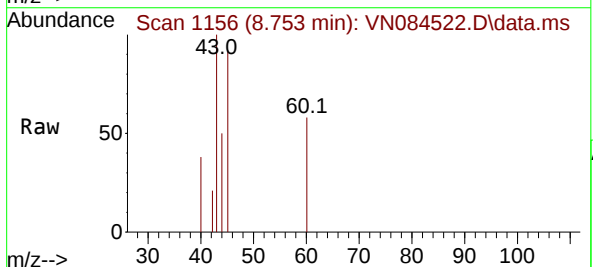


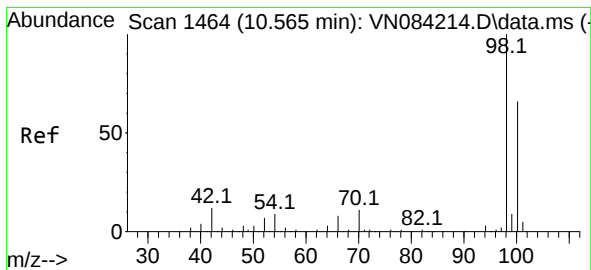
Tgt Ion:117 Resp: 15224
Ion Ratio Lower Upper
117 100
119 9.0 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.577 ug/l
RT: 8.753 min Scan# 1156
Delta R.T. 0.065 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Tgt Ion: 43 Resp: 2675
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 0.242 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

Instrument :

MSVOA_N

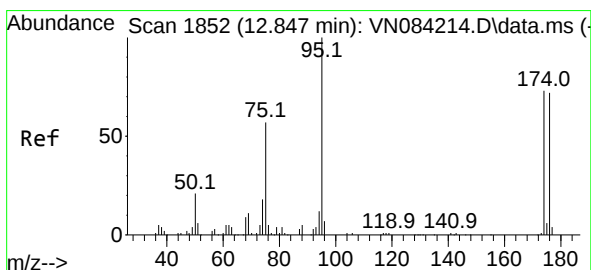
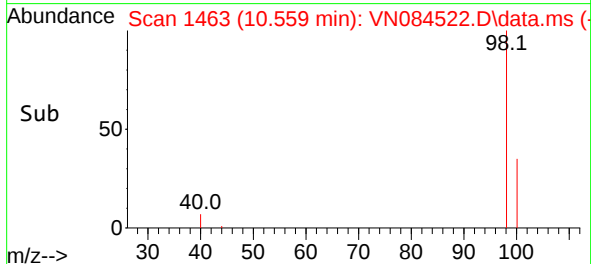
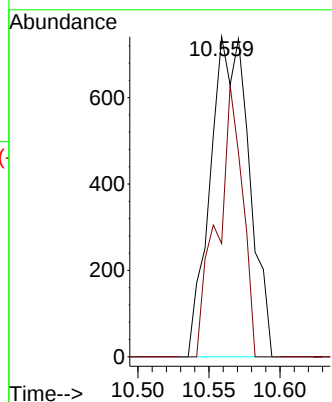
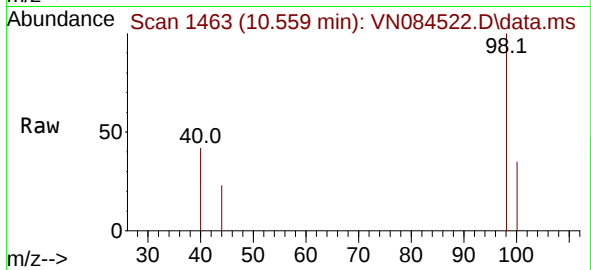
ClientSampleId :

Tgt Ion: 98 Resp: 1416

Ion Ratio Lower Upper

98 100

100 54.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 42.761 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN084522.D

Acq: 25 Oct 2024 17:38

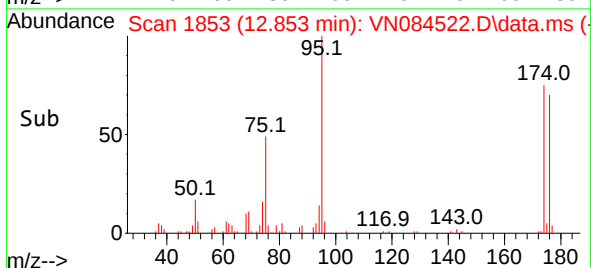
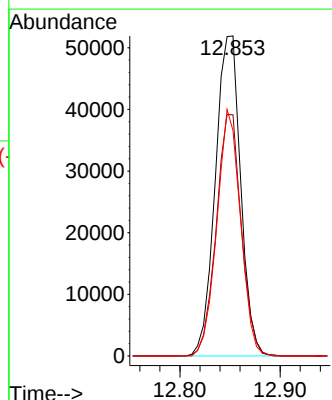
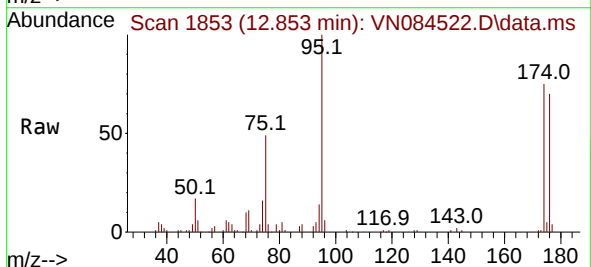
Tgt Ion: 95 Resp: 91016

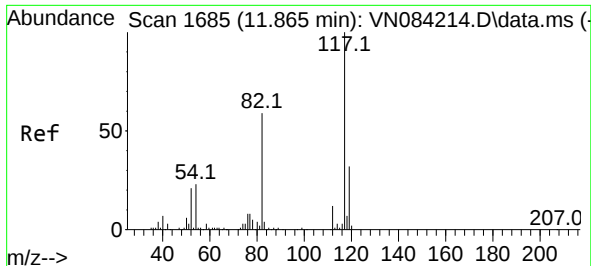
Ion Ratio Lower Upper

95 100

174 74.8 0.0 145.2

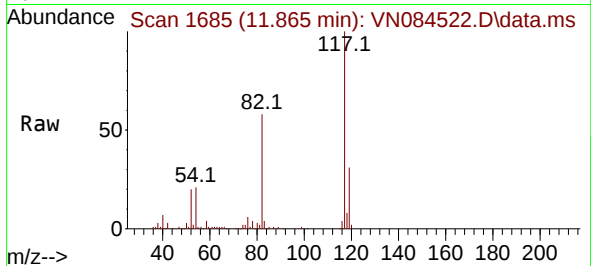
176 71.7 0.0 140.0



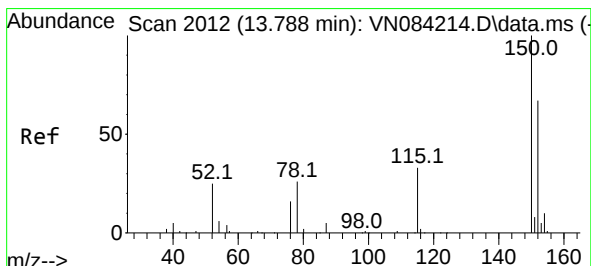
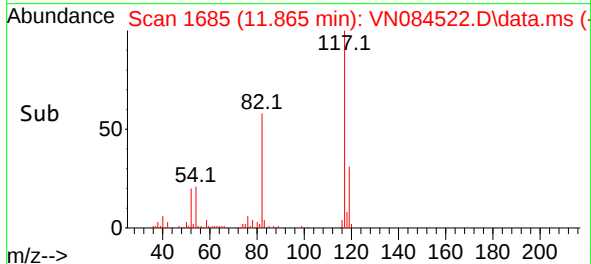
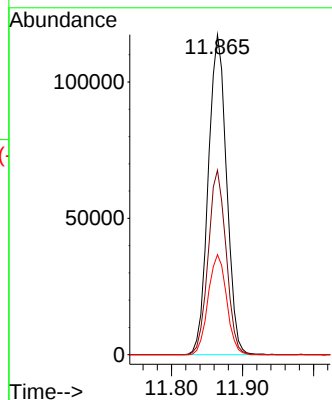


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :

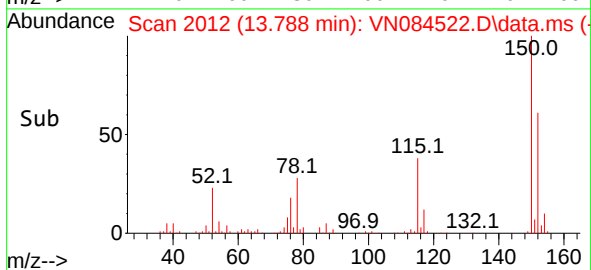
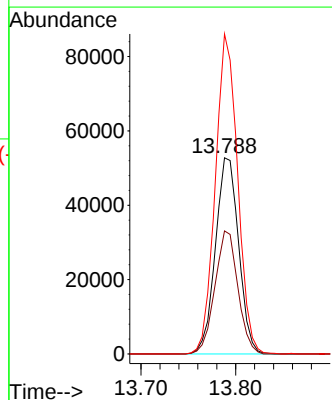
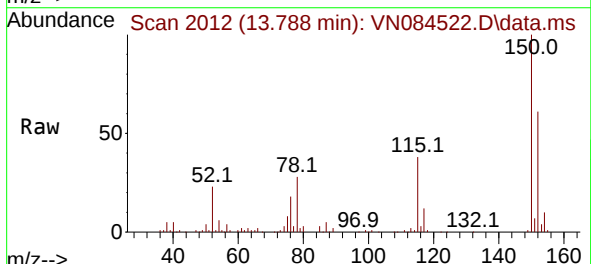


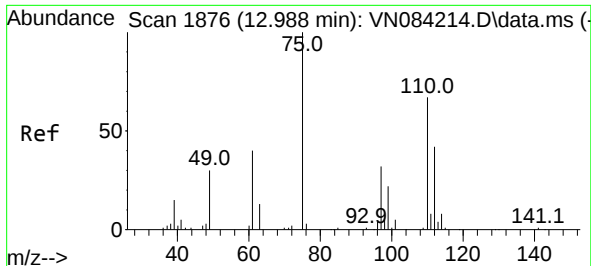
Tgt Ion:117 Resp: 209606
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Tgt Ion:152 Resp: 89988
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.9
150 156.6 0.0 349.8

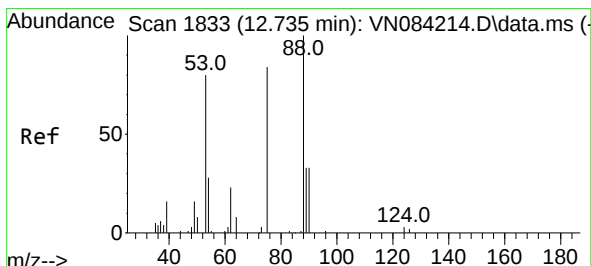
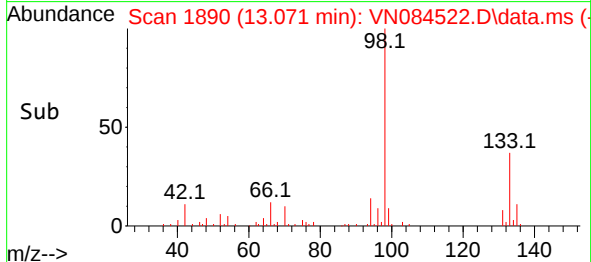
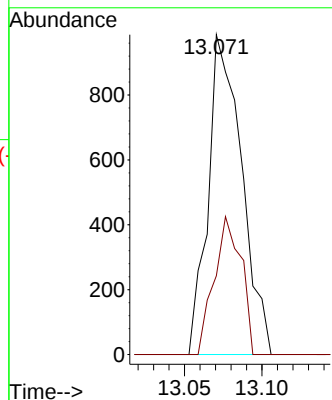
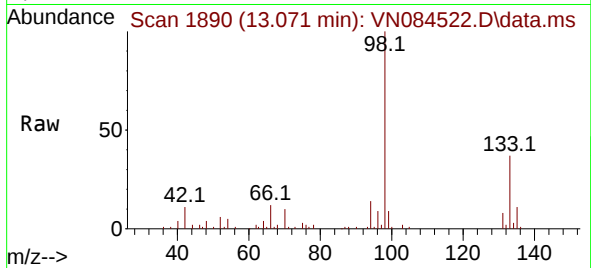




#76
1,2,3-Trichloropropane
Concen: 0.806 ug/l
RT: 13.071 min Scan# 1890
Delta R.T. 0.082 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 1481
Ion Ratio Lower Upper
75 100
77 34.6 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.348 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084522.D
Acq: 25 Oct 2024 17:38

Tgt Ion: 75 Resp: 47776
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

