

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084151.D
 Acq On : 25 Sep 2024 11:11
 Operator : JC\MD
 Sample : VN0925WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 26 01:31:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127336	49.767	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	8.165	113	95293	50.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.820%
50) Toluene-d8	10.565	98	348398	53.846	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.700%
62) 4-Bromofluorobenzene	12.847	95	120193	45.025	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.040%

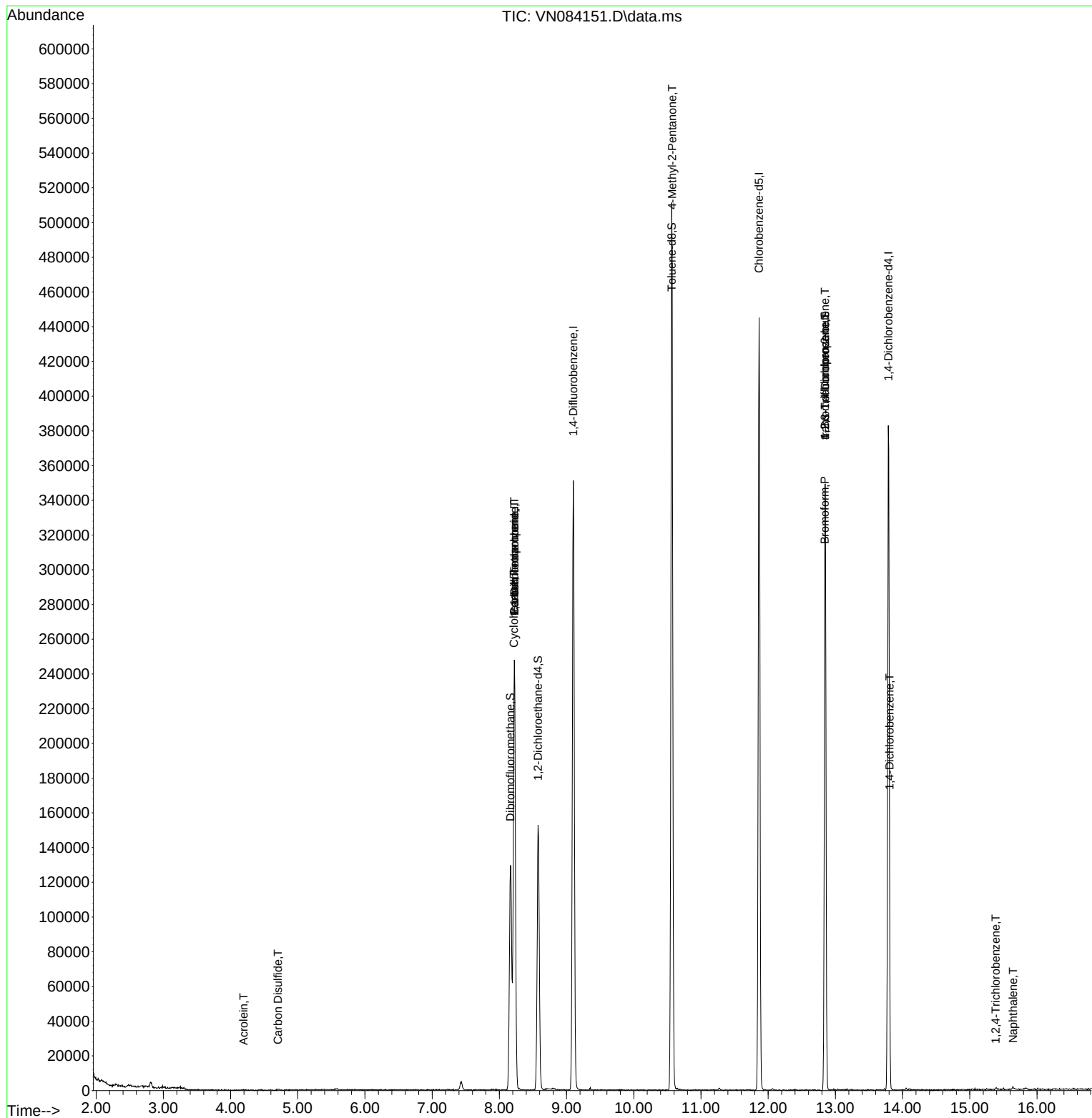
Target Compounds			Qvalue			
3) Chloromethane	2.359	50	289	Below Cal	#	41
13) Acrolein	4.194	56	79	0.234	ug/l #	16
17) Carbon Disulfide	4.706	76	1154	0.225	ug/l #	75
31) Cyclohexane	8.218	56	4090	1.106	ug/l #	10
36) 1,1-Dichloropropene	8.224	75	15450	5.484	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19209	6.010	ug/l #	17
51) 4-Methyl-2-Pentanone	10.571	43	1951	0.773	ug/l #	1
71) Bromoform	12.841	173	813	0.643	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66486	32.758	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66486	85.796	ug/l #	9
88) 1,4-Dichlorobenzene	13.806	146	846	0.236	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.388	180	415	0.227	ug/l #	76
95) Naphthalene	15.647	128	1694	0.304	ug/l #	88

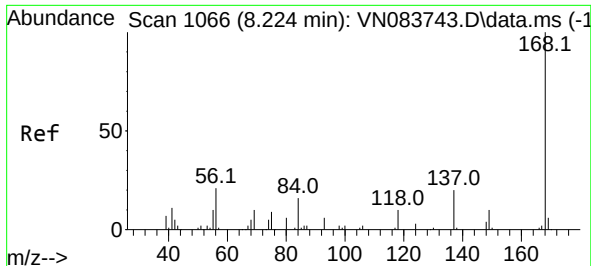
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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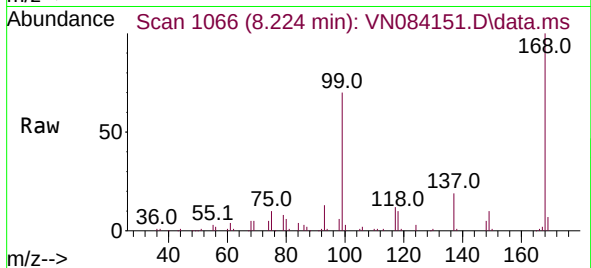
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



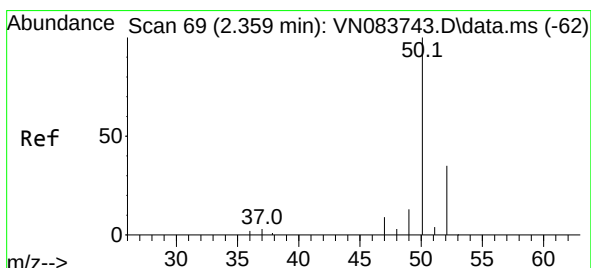
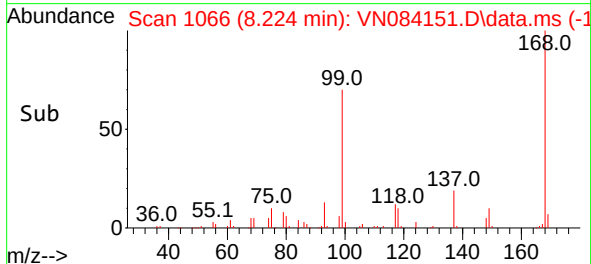
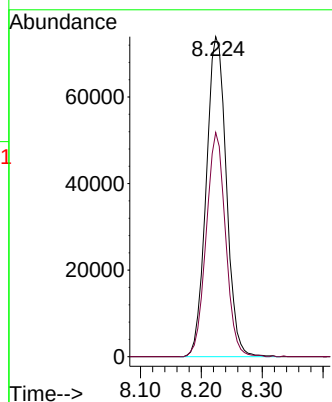


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

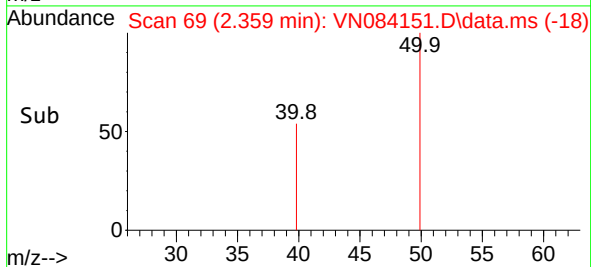
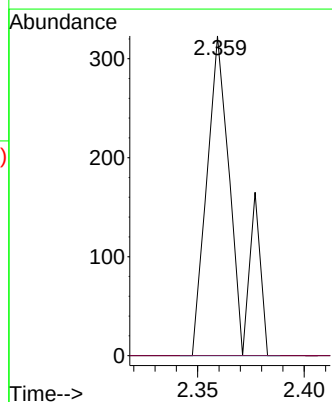
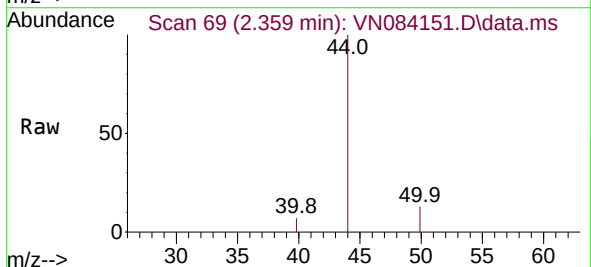


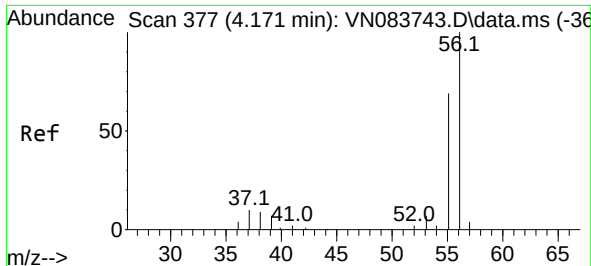
Tgt Ion:168 Resp: 169687
Ion Ratio Lower Upper
168 100
99 70.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

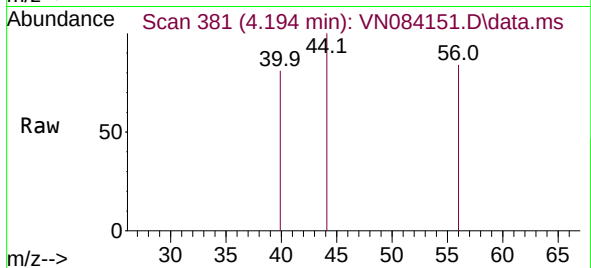
Tgt Ion: 50 Resp: 289
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



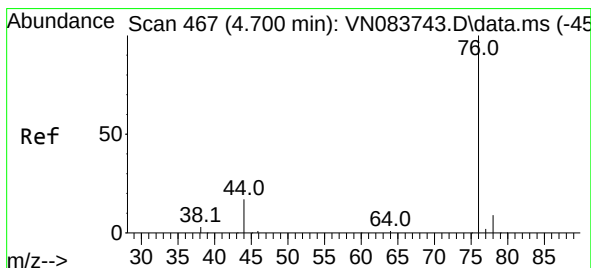
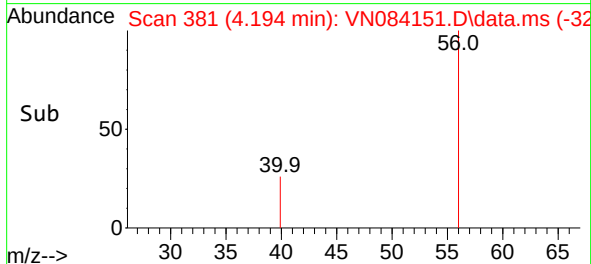
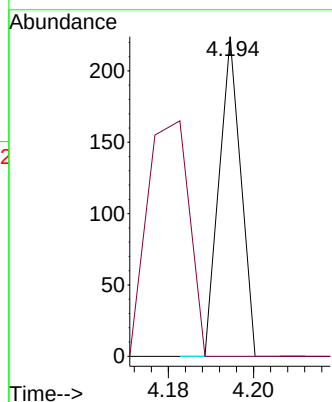


#13
Acrolein
Concen: 0.234 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.023 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

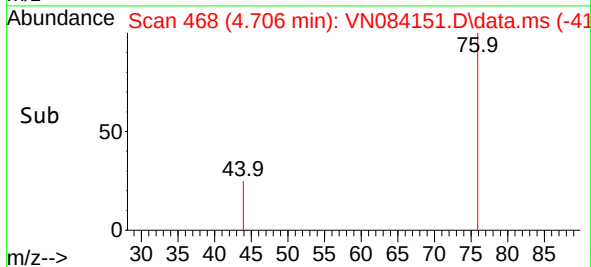
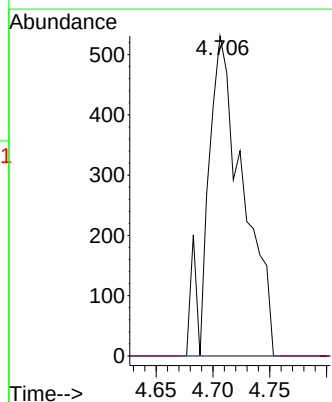
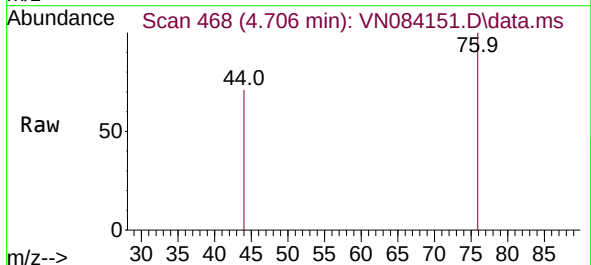


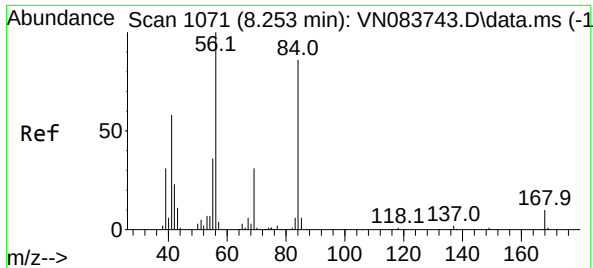
Tgt Ion: 56 Resp: 79
Ion Ratio Lower Upper
56 100
55 143.0 58.2 87.2#



#17
Carbon Disulfide
Concen: 0.225 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

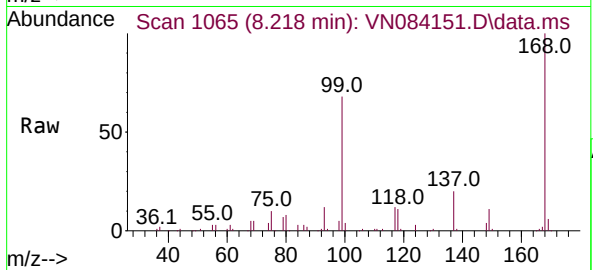
Tgt Ion: 76 Resp: 1154
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



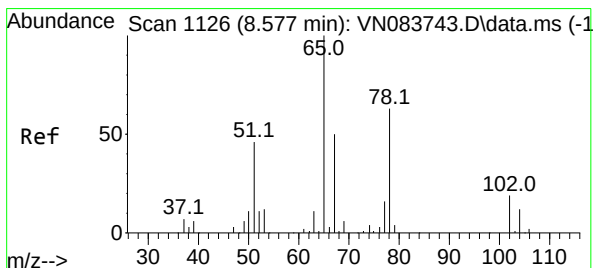
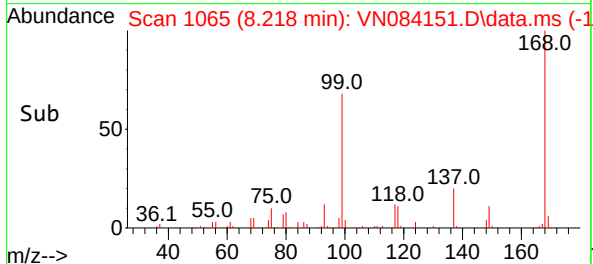
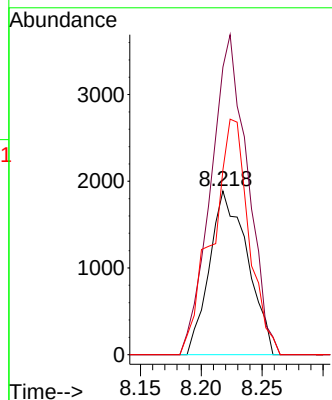


#31
Cyclohexane
Concen: 1.106 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

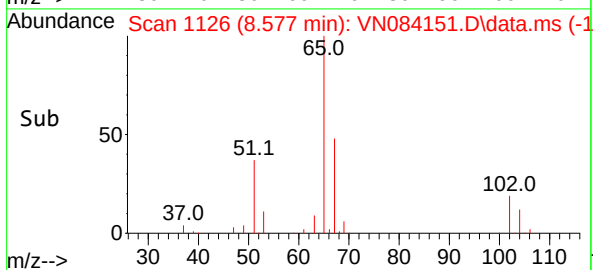
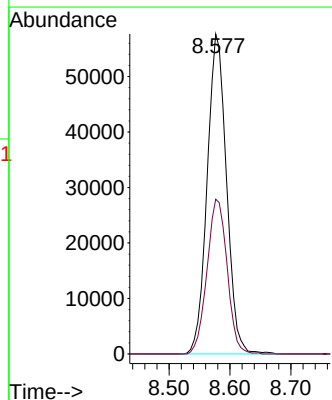
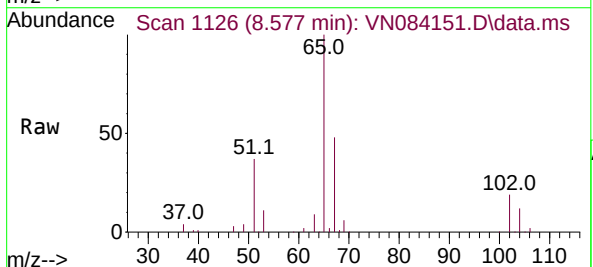


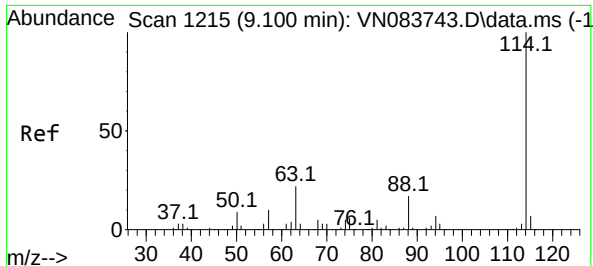
Tgt Ion: 56 Resp: 4090
Ion Ratio Lower Upper
56 100
69 175.7 26.9 40.3#
84 113.0 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 49.767 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Tgt Ion: 65 Resp: 127336
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

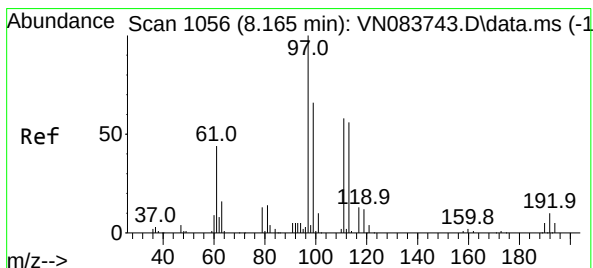
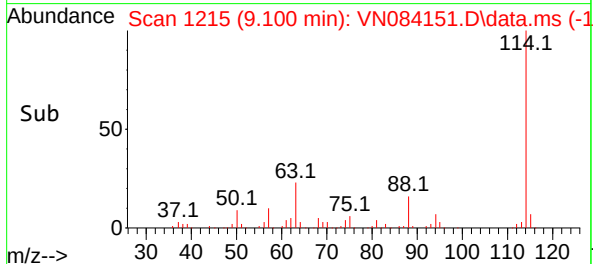
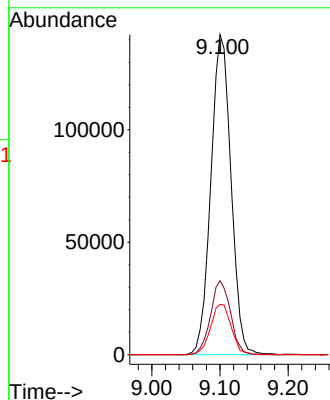
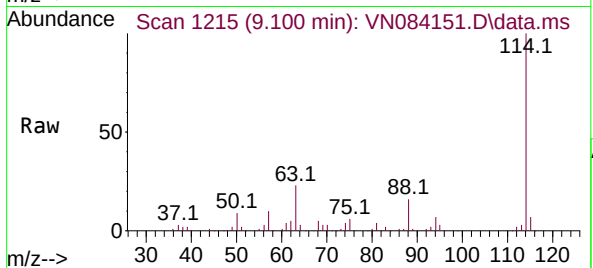
Tgt Ion:114 Resp: 292354

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.915 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

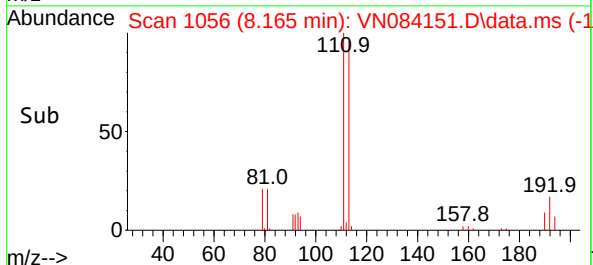
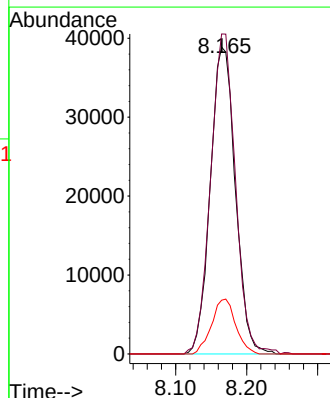
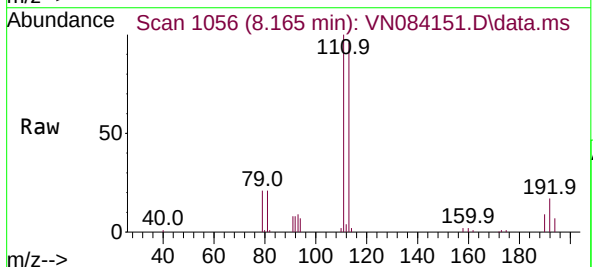
Tgt Ion:113 Resp: 95293

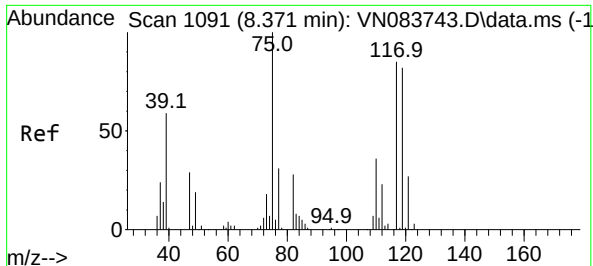
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.2 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.484 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

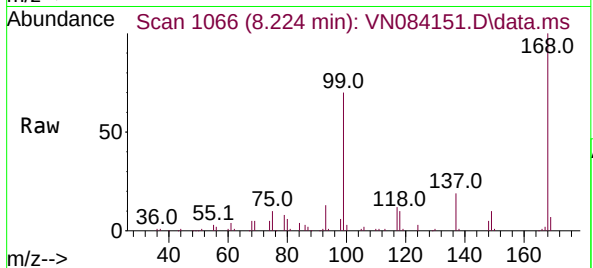
Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

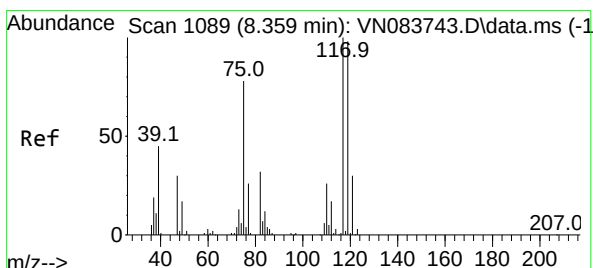
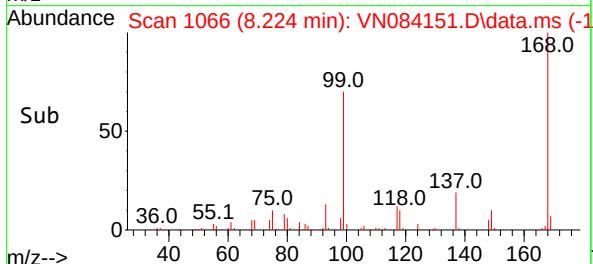
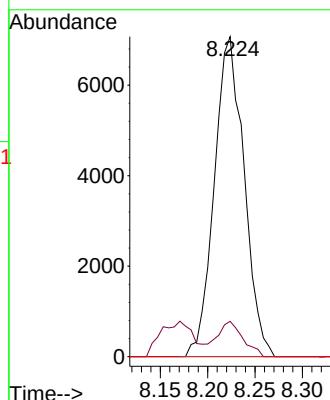
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	15450
Ion Ratio	100	Lower	Upper
75	100		
110	10.0	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.010 ug/l

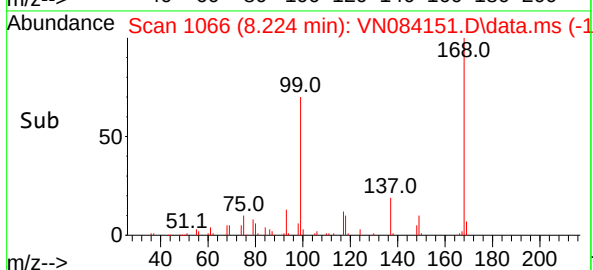
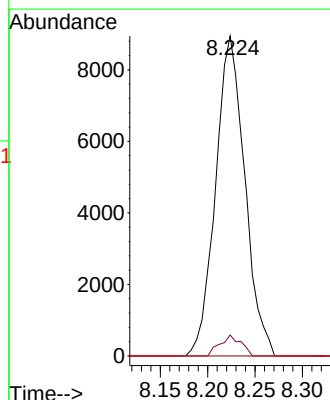
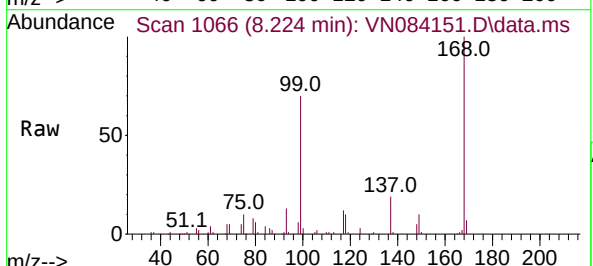
RT: 8.224 min Scan# 1066

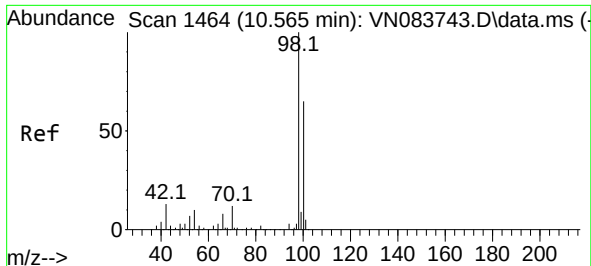
Delta R.T. -0.135 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Tgt Ion:	117	Resp:	19209
Ion Ratio	100	Lower	Upper
117	100		
119	6.5	76.1	114.1#
121	0.0	24.1	36.1#

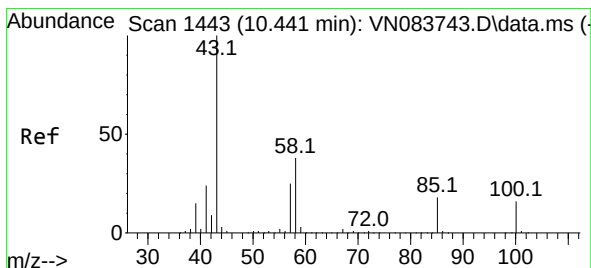
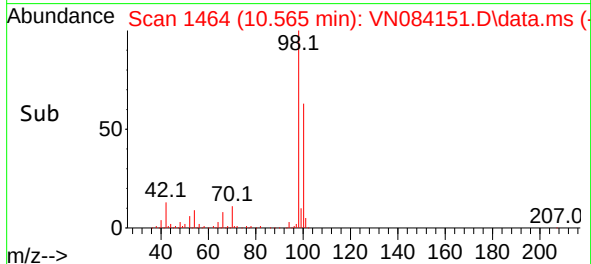
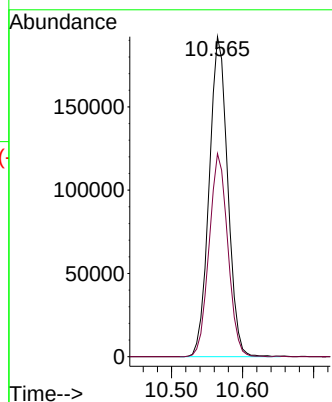
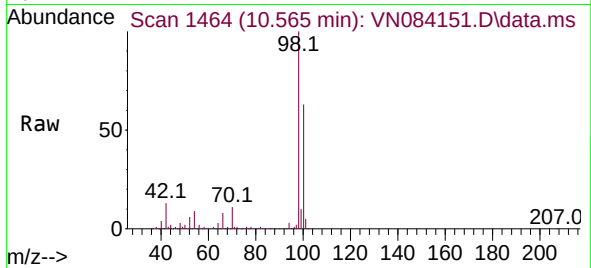




#50
Toluene-d8
Concen: 53.846 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

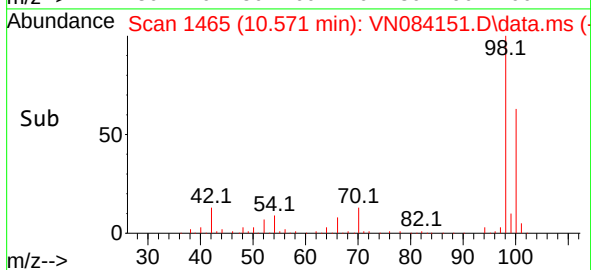
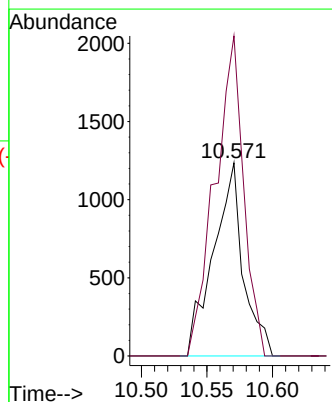
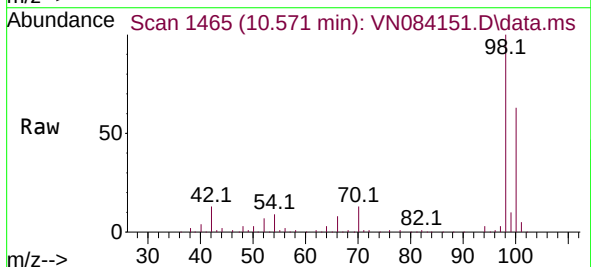
Instrument :
MSVOA_N
ClientSampleId :

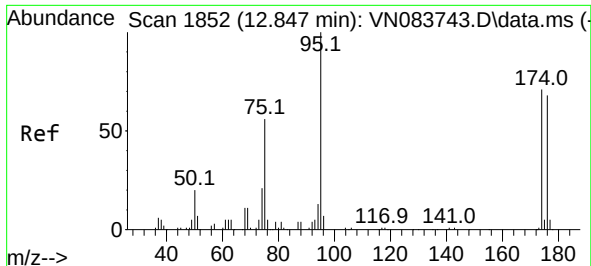
Tgt Ion: 98 Resp: 348398
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.773 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Tgt Ion: 43 Resp: 1951
Ion Ratio Lower Upper
43 100
58 159.5 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 45.025 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

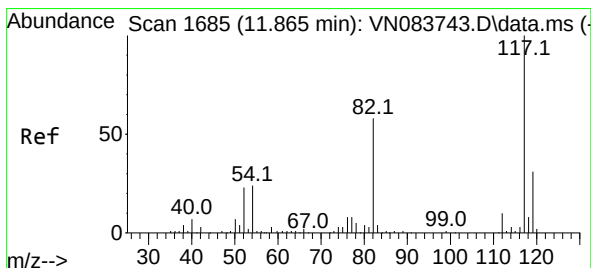
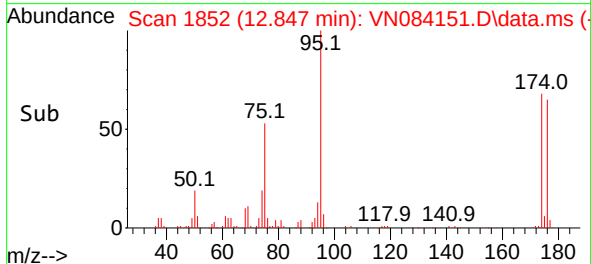
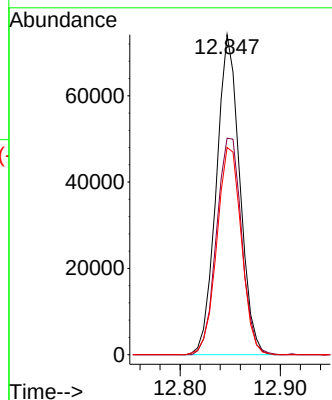
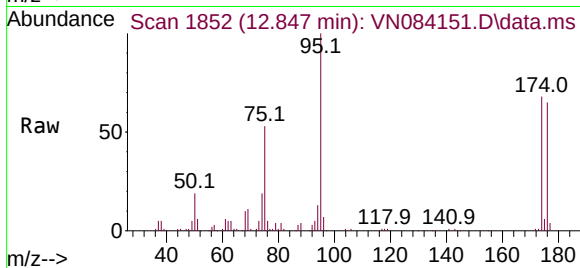
Tgt Ion: 95 Resp: 120193

Ion Ratio Lower Upper

95 100

174 72.7 0.0 139.8

176 67.9 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

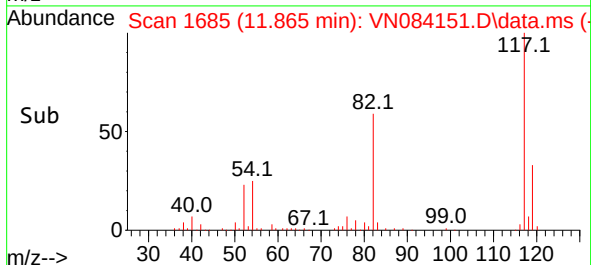
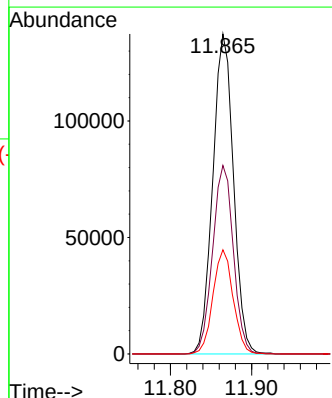
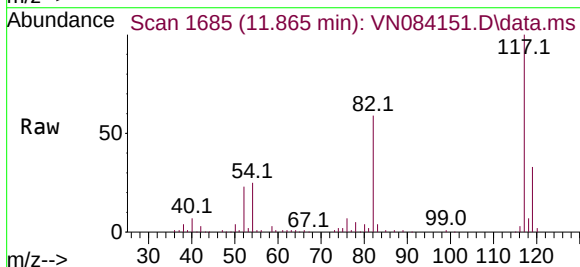
Tgt Ion: 117 Resp: 243491

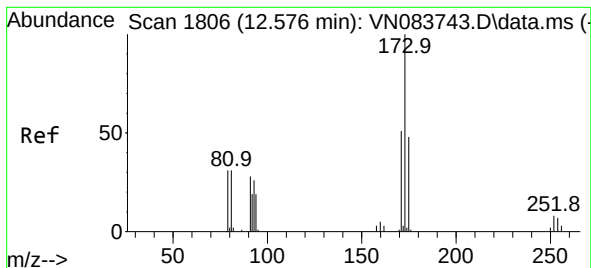
Ion Ratio Lower Upper

117 100

82 58.9 47.4 71.0

119 32.5 26.3 39.5





#71

Bromoform

Concen: 0.643 ug/l

RT: 12.841 min Scan# 1806

Delta R.T. 0.265 min

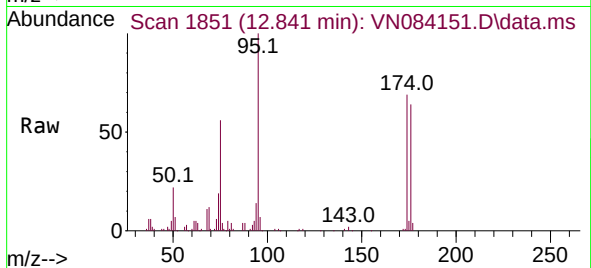
Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

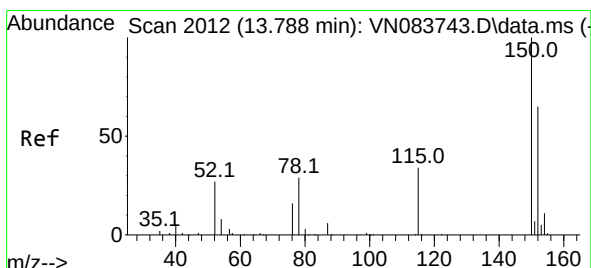
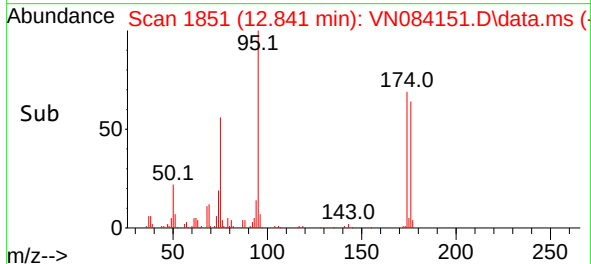
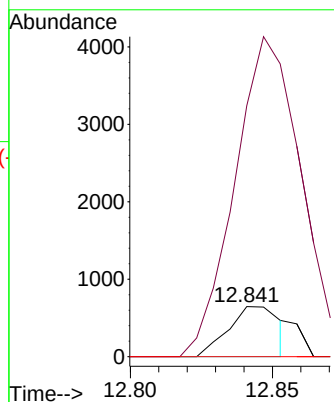
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	173	Resp:	813
Ion Ratio	Lower	Upper	
173	100		
175	614.0	24.1	72.2#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

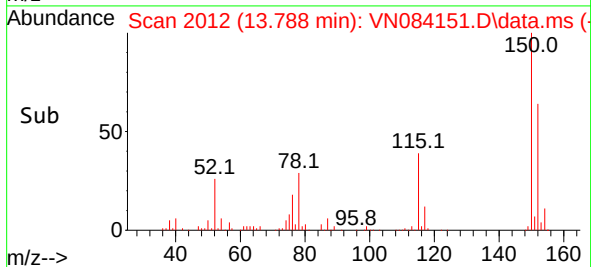
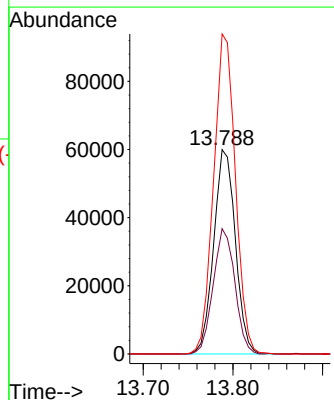
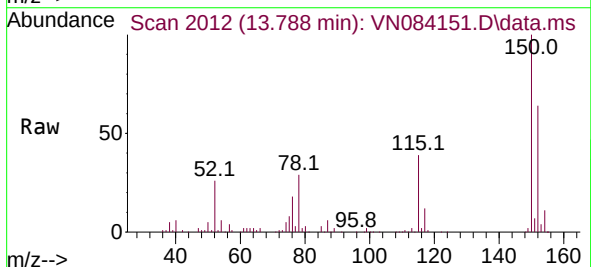
RT: 13.788 min Scan# 1212

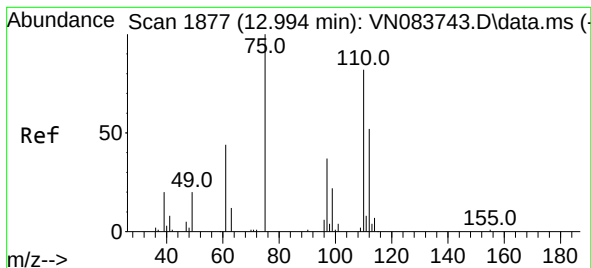
Delta R.T. -0.000 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Tgt Ion:	152	Resp:	100585
Ion Ratio	Lower	Upper	
152	100		
115	61.2	32.2	96.6
150	157.5	0.0	348.6





#76

1,2,3-Trichloropropane

Concen: 32.758 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Instrument :

MSVOA_N

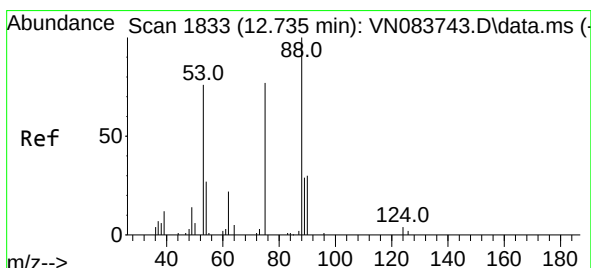
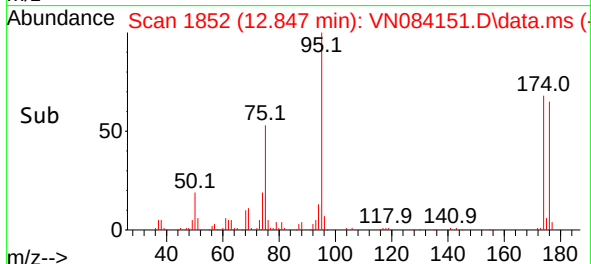
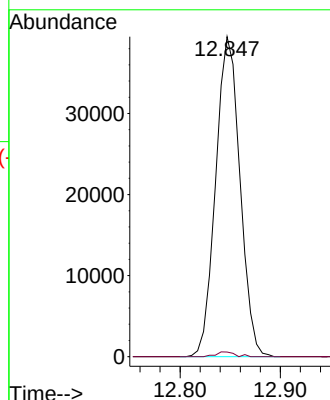
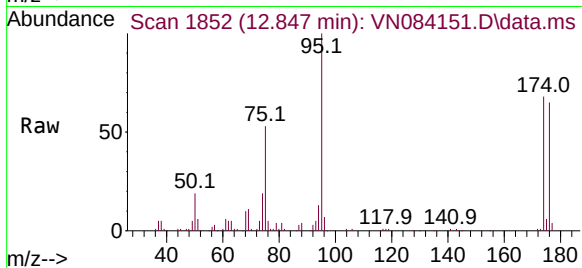
ClientSampleId :

Tgt Ion: 75 Resp: 66486

Ion Ratio Lower Upper

75 100

77 1.2 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 85.796 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

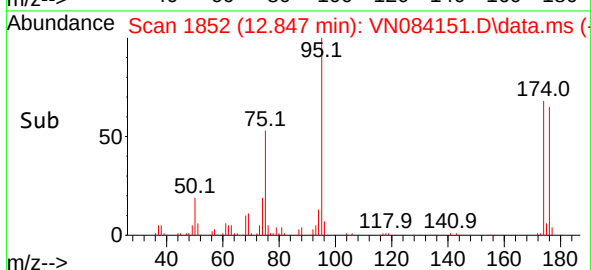
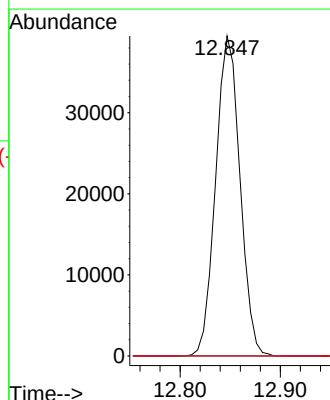
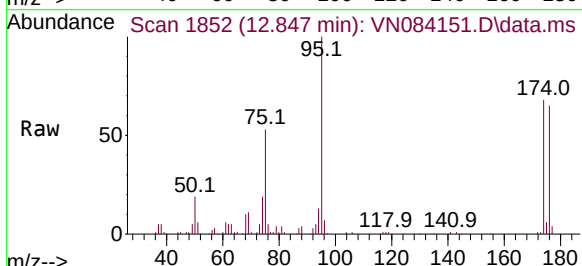
Tgt Ion: 75 Resp: 66486

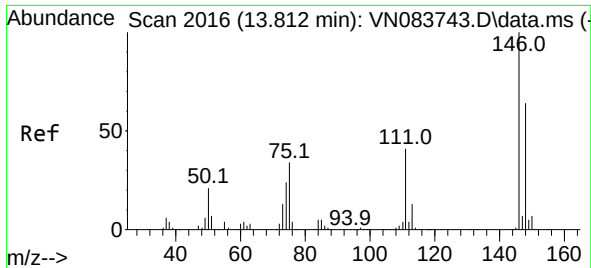
Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

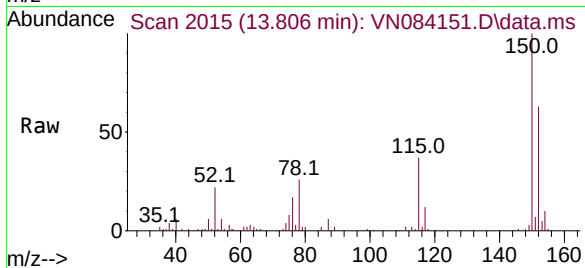
89 0.0 35.7 53.5#



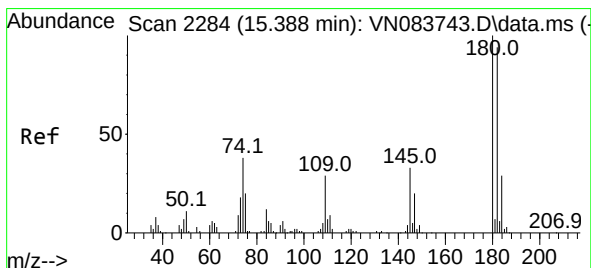
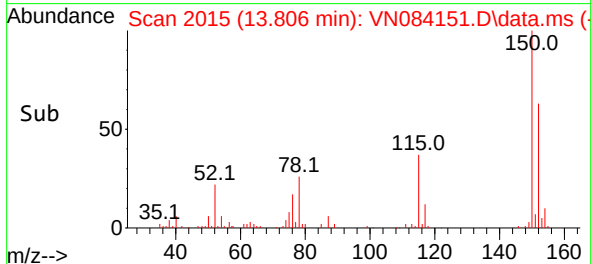
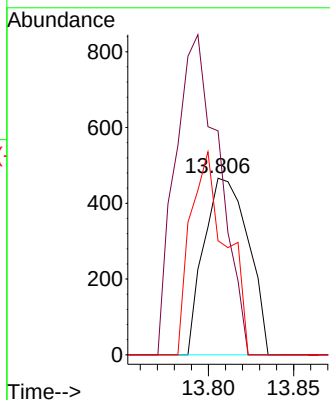


#88
1,4-Dichlorobenzene
Concen: 0.236 ug/l
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

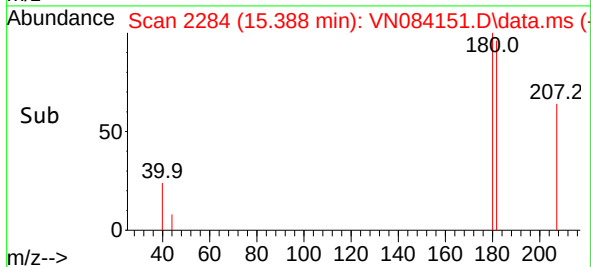
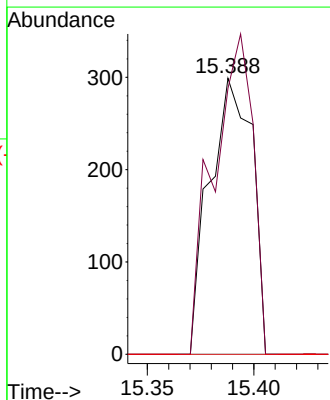
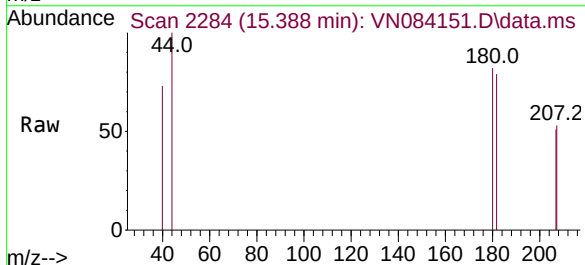


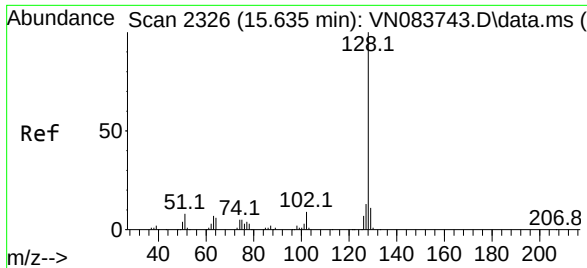
Tgt Ion:146 Resp: 846
Ion Ratio Lower Upper
146 100
111 179.1 21.3 64.0#
148 91.8 32.0 96.2



#93
1,2,4-Trichlorobenzene
Concen: 0.227 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084151.D
Acq: 25 Sep 2024 11:11

Tgt Ion:180 Resp: 415
Ion Ratio Lower Upper
180 100
182 108.2 48.1 144.3
145 0.0 16.9 50.7#





#95

Naphthalene

Concen: 0.304 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.012 min

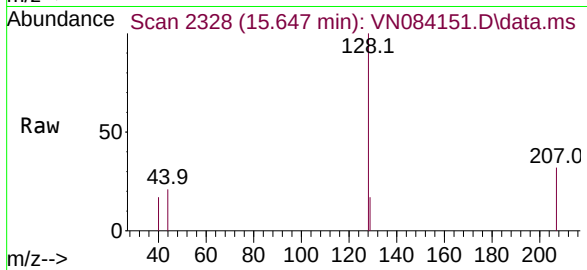
Lab File: VN084151.D

Acq: 25 Sep 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 1694

Ion Ratio Lower Upper

128 100

127 7.6 10.2 15.2#

129 7.0 8.7 13.1#

