

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084477.D
 Acq On : 24 Oct 2024 10:18
 Operator : JC\MD
 Sample : VN1024MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 25 01:55:05 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)

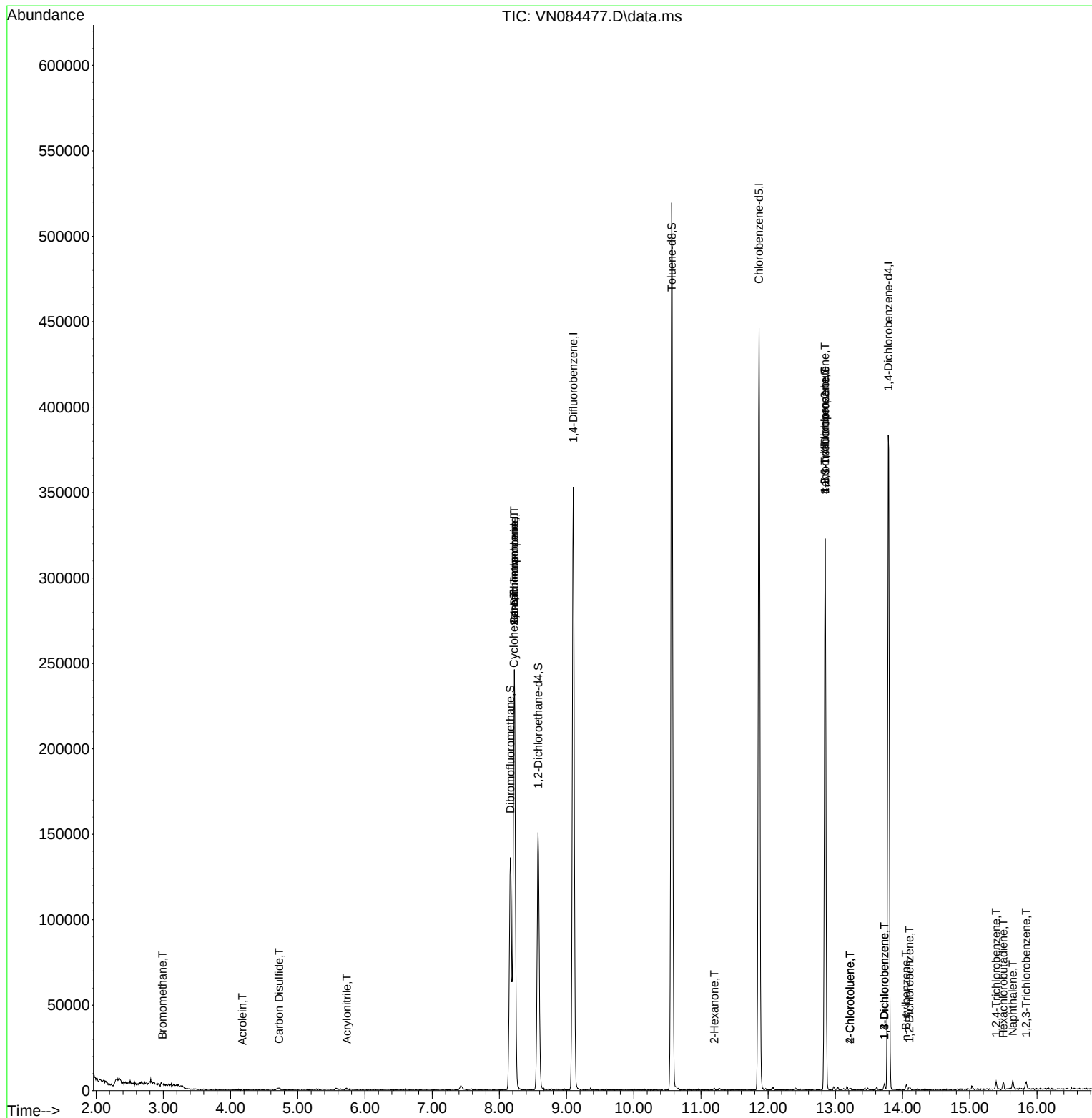
Internal Standards						
1) Pentafluorobenzene	8.224	168	171134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	254188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122846	48.415	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.820%		
35) Dibromofluoromethane	8.165	113	102143	51.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.980%		
50) Toluene-d8	10.565	98	355953	49.247	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.847	95	112534	42.737	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	85.480%		
Target Compounds					Qvalue	
5) Bromomethane	2.989	94	600	0.406	ug/l #	55
13) Acrolein	4.177	56	227	0.473	ug/l #	58
15) Acrylonitrile	5.730	53	715	0.677	ug/l #	31
17) Carbon Disulfide	4.724	76	2903	0.476	ug/l #	75
31) Cyclohexane	8.218	56	3996	1.063	ug/l #	20
36) 1,1-Dichloropropene	8.224	75	14688	5.147	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18448	5.893	ug/l #	15
59) 2-Hexanone	11.200	43	607	0.291	ug/l	83
76) 1,2,3-Trichloropropane	12.847	75	57734	27.307	ug/l #	1
79) 2-Chlorotoluene	13.217	91	1257	0.215	ug/l	76
81) trans-1,4-Dichloro-2-b...	12.847	75	57734	65.467	ug/l #	11
82) 4-Chlorotoluene	13.217	91	1257	0.214	ug/l	76
87) 1,3-Dichlorobenzene	13.729	146	1267	0.354	ug/l	87
88) 1,4-Dichlorobenzene	13.729	146	1267	0.351	ug/l	87
89) n-Butylbenzene	14.053	91	2182	0.381	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	1113	0.317	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	1695	0.981	ug/l	80
94) Hexachlorobutadiene	15.500	225	1048	1.217	ug/l	90
95) Naphthalene	15.641	128	5920	1.034	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.841	180	2160	1.249	ug/l	88

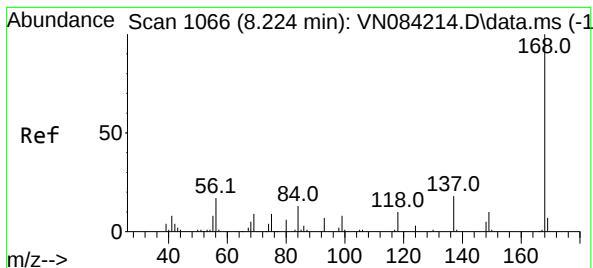
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 24 Oct 2024 10:18
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Sample : VN1024MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

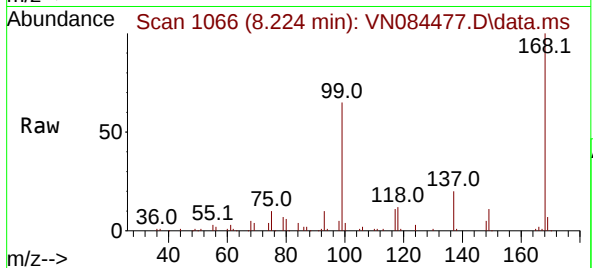
Quant Time: Oct 25 01:55:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



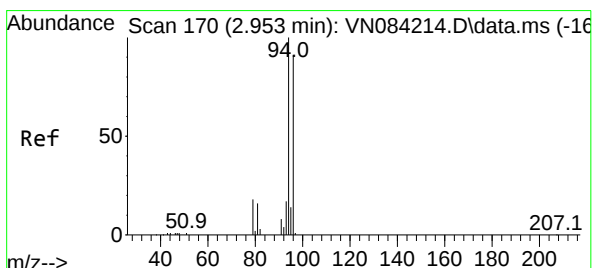
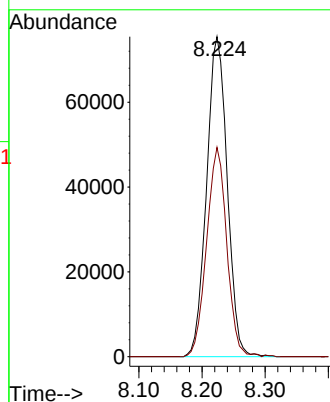
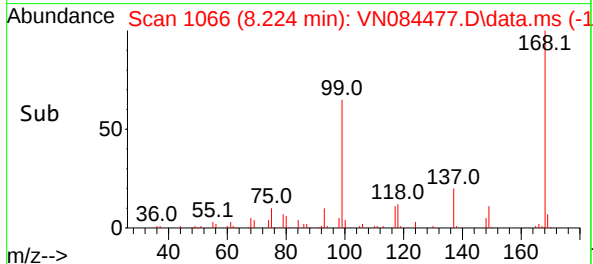


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_N
ClientSampleId :

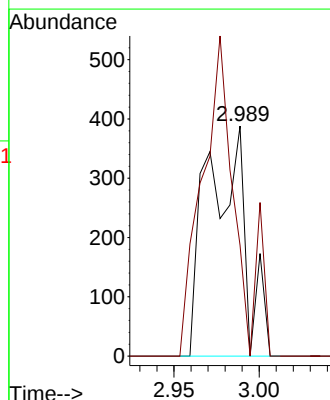
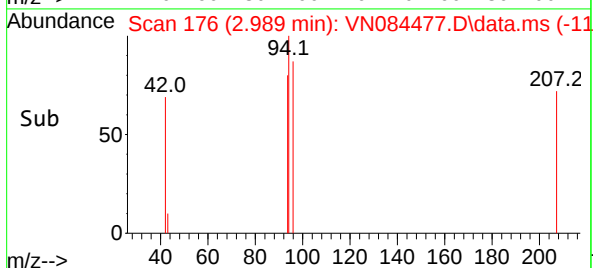
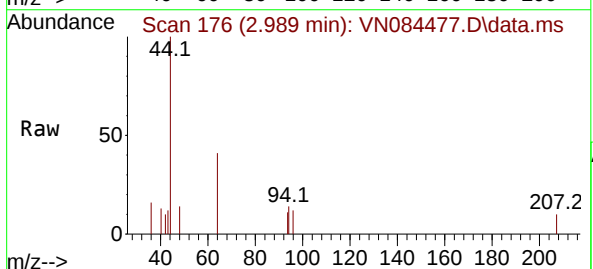


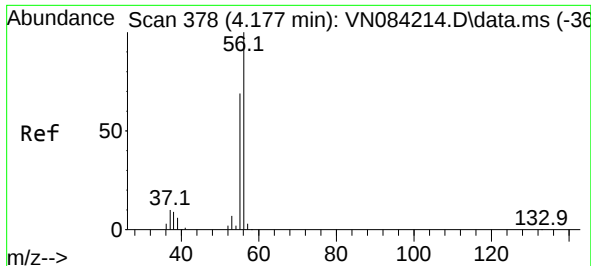
Tgt Ion:168 Resp: 171134
Ion Ratio Lower Upper
168 100
99 65.4 54.2 81.2



#5
Bromomethane
Concen: 0.406 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.035 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 94 Resp: 600
Ion Ratio Lower Upper
94 100
96 48.2 72.9 109.3#





#13

Acrolein

Concen: 0.473 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

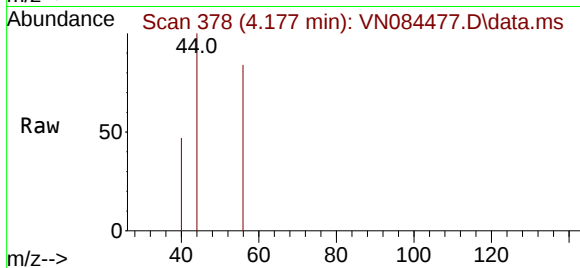
Lab File: VN084477.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

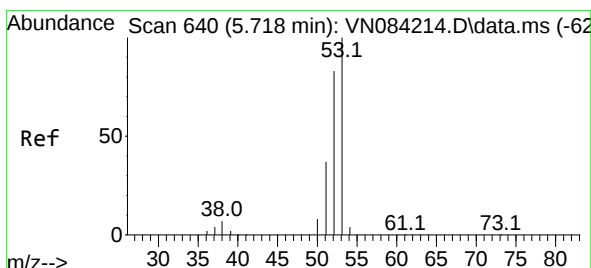
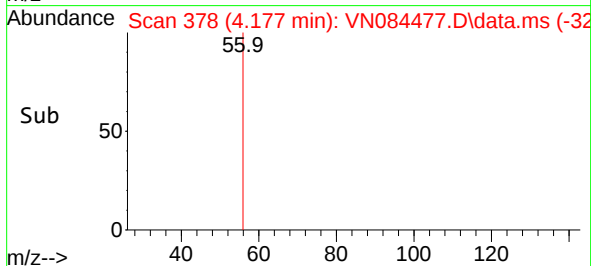
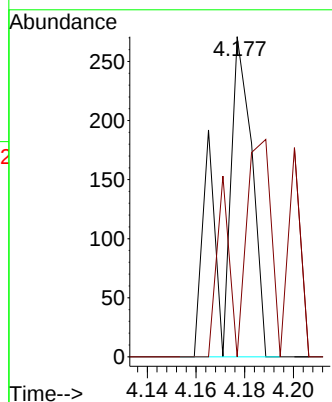


Tgt Ion: 56 Resp: 227

Ion Ratio Lower Upper

56 100

55 106.6 57.2 85.8#



#15

Acrylonitrile

Concen: 0.677 ug/l

RT: 5.730 min Scan# 642

Delta R.T. 0.012 min

Lab File: VN084477.D

Acq: 24 Oct 2024 10:18

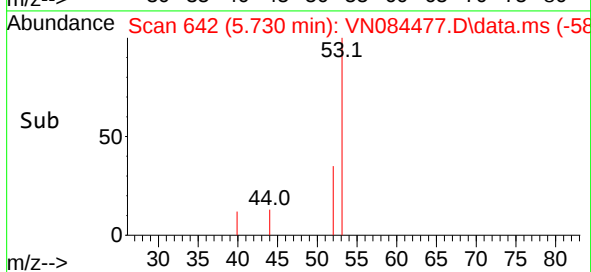
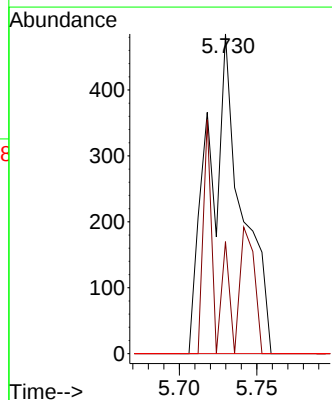
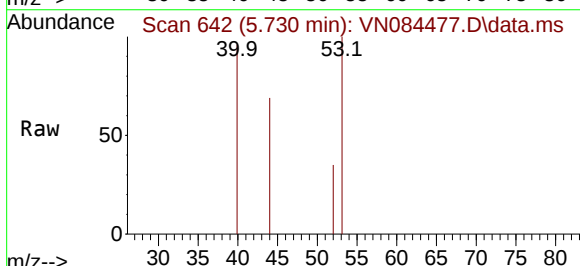
Tgt Ion: 53 Resp: 715

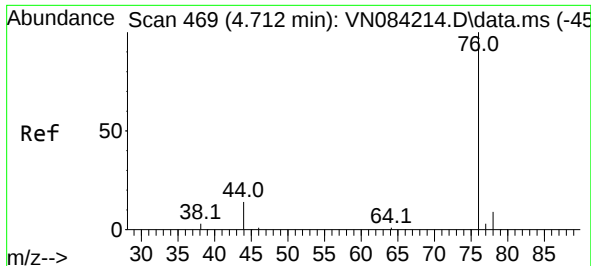
Ion Ratio Lower Upper

53 100

52 17.1 66.2 99.4#

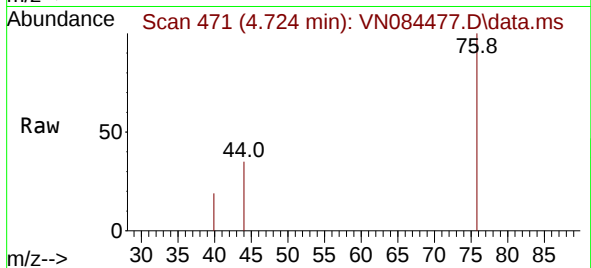
51 0.0 28.8 43.2#



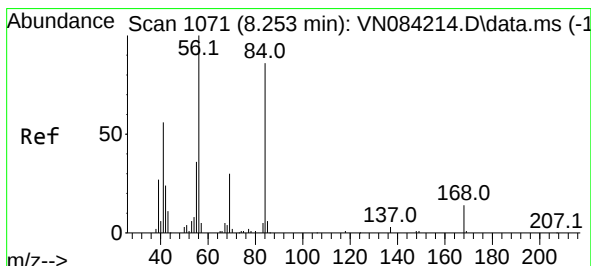
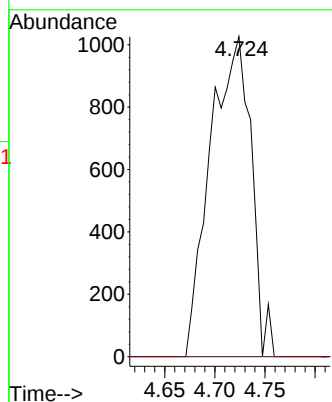
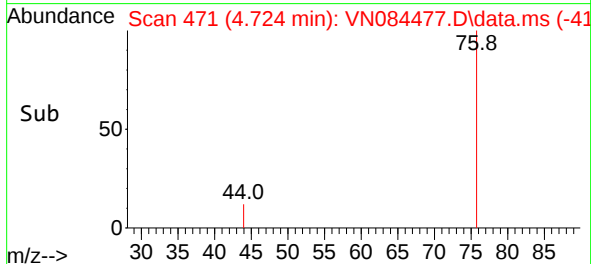


#17
Carbon Disulfide
Concen: 0.476 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_N
ClientSampleId :

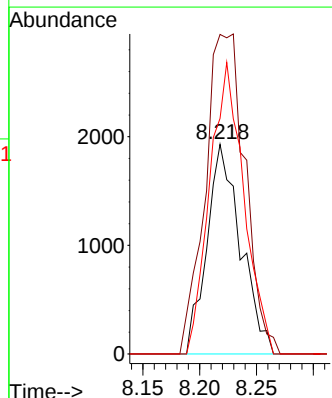
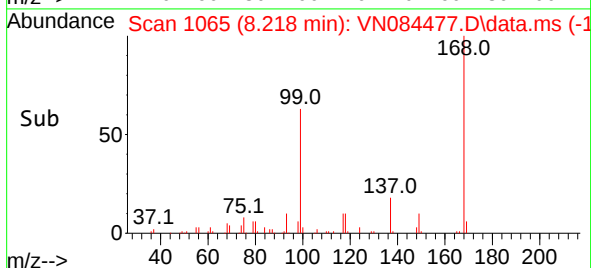
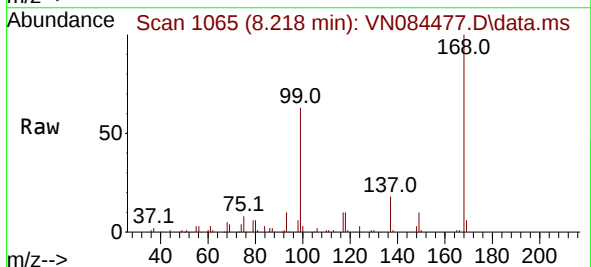


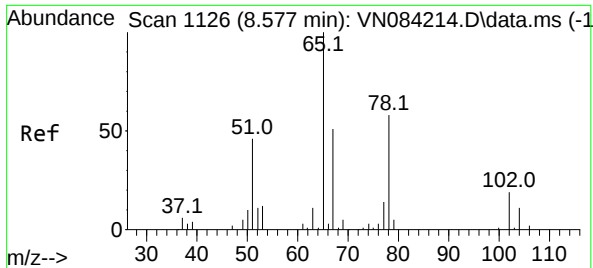
Tgt Ion: 76 Resp: 2903
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 56 Resp: 3996
Ion Ratio Lower Upper
56 100
69 152.4 23.8 35.6#
84 112.4 68.8 103.2#

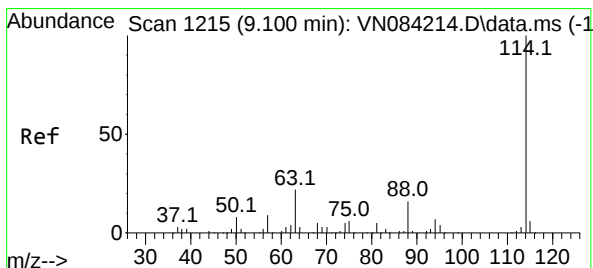
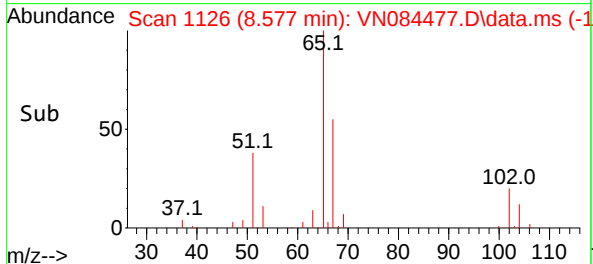
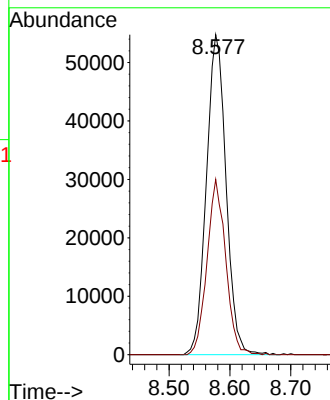
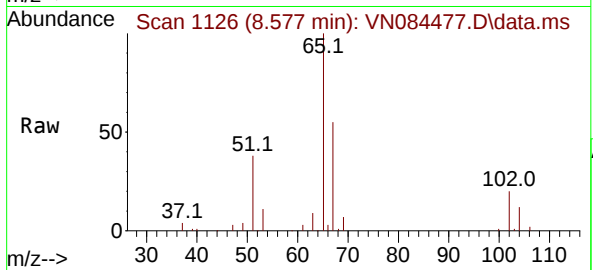




#33
 1,2-Dichloroethane-d4
 Concen: 48.415 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084477.D
 Acq: 24 Oct 2024 10:18

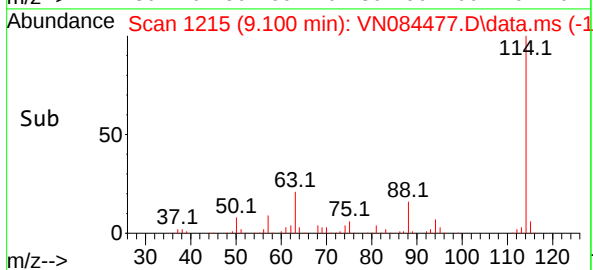
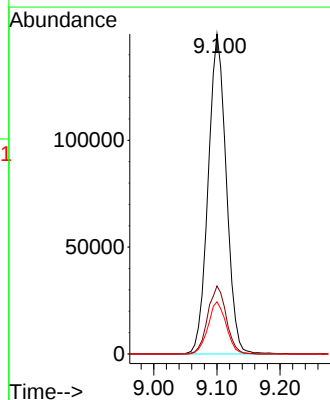
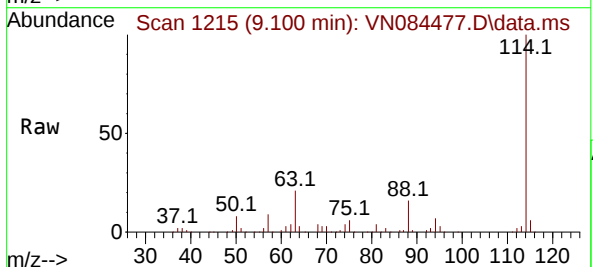
Instrument :
 MSVOA_N
 ClientSampleId :

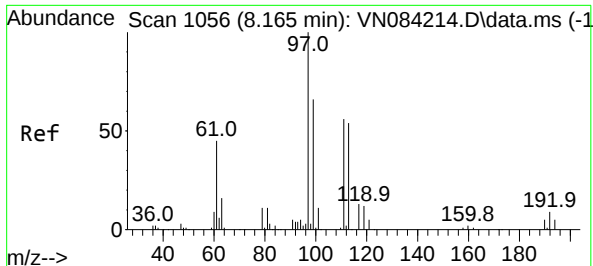
Tgt Ion: 65 Resp: 122846
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084477.D
 Acq: 24 Oct 2024 10:18

Tgt Ion: 114 Resp: 297997
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.8
 88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.992 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084477.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :

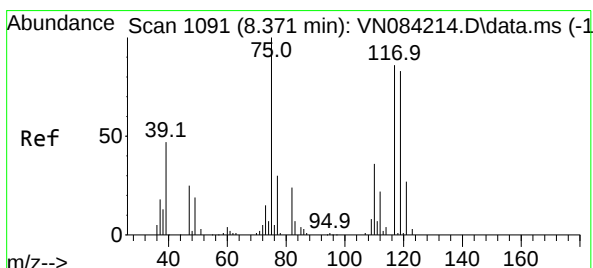
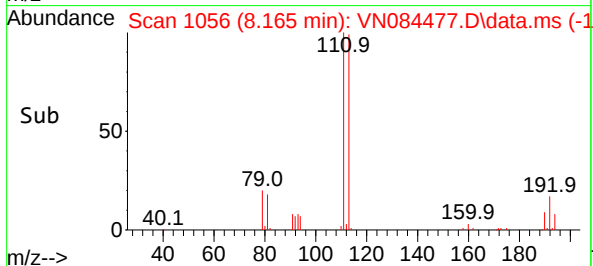
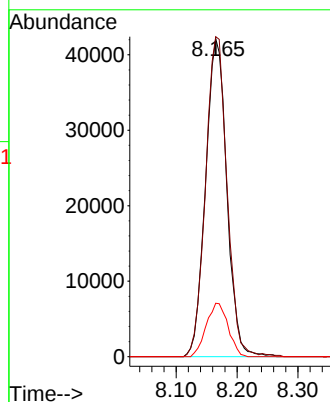
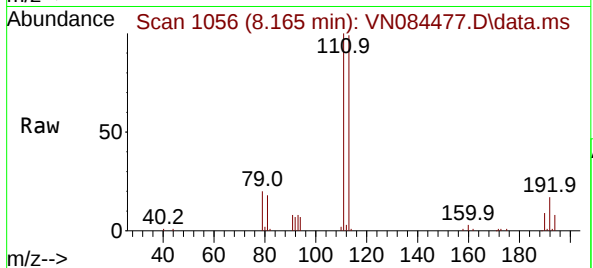
Tgt Ion:113 Resp: 102143

Ion Ratio Lower Upper

113 100

111 101.7 83.3 124.9

192 17.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.147 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084477.D

Acq: 24 Oct 2024 10:18

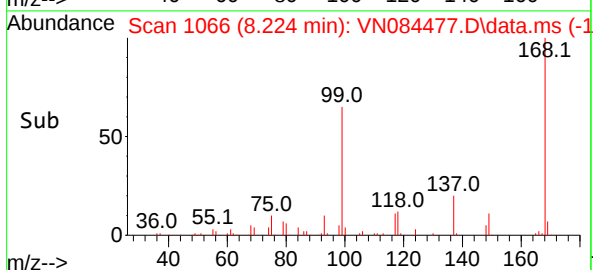
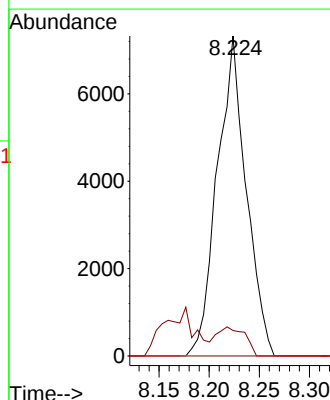
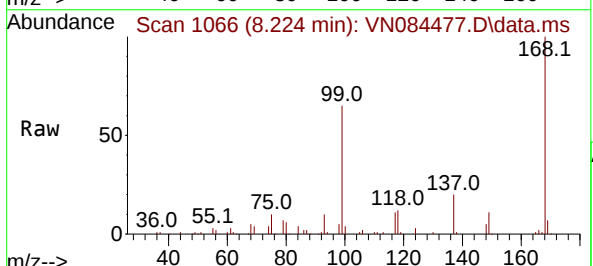
Tgt Ion: 75 Resp: 14688

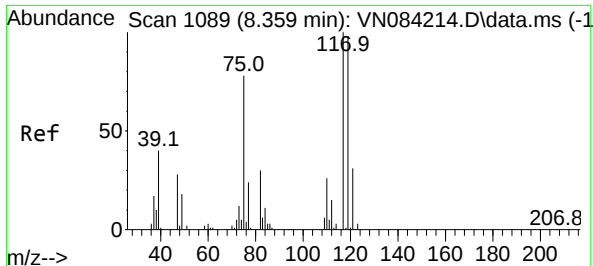
Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.7#

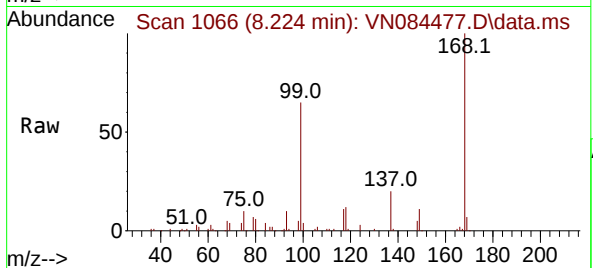
77 0.0 24.7 37.1#



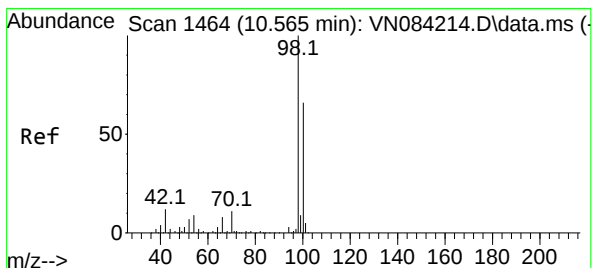
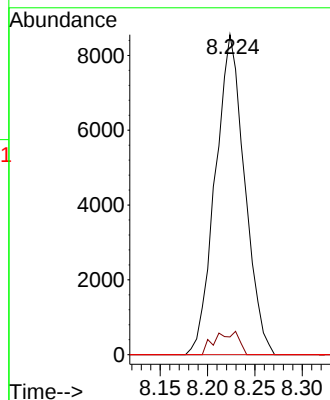
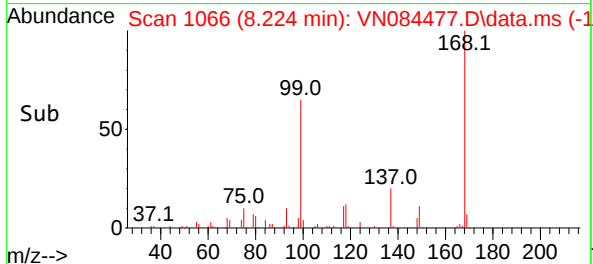


#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 8.224 min Scan# 1089
Delta R.T. -0.135 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_N
ClientSampleId :

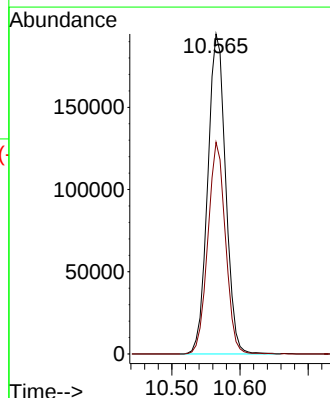
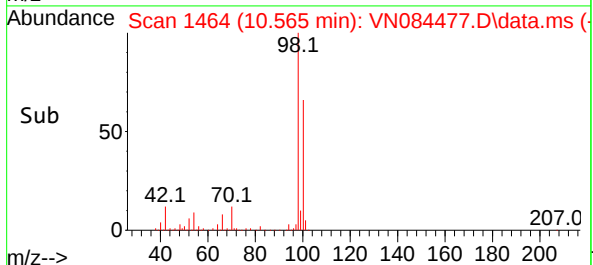
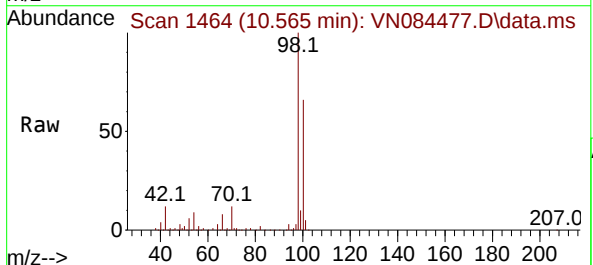


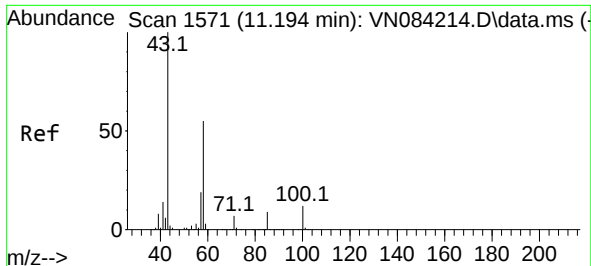
Tgt Ion:117 Resp: 18448
Ion Ratio Lower Upper
117 100
119 5.6 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

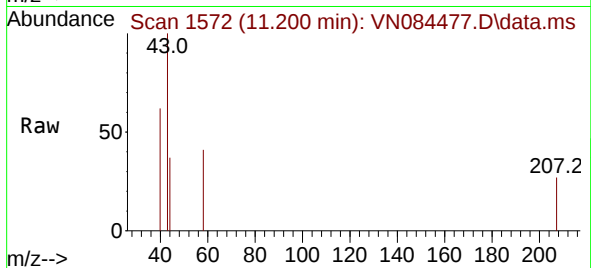
Tgt Ion: 98 Resp: 355953
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



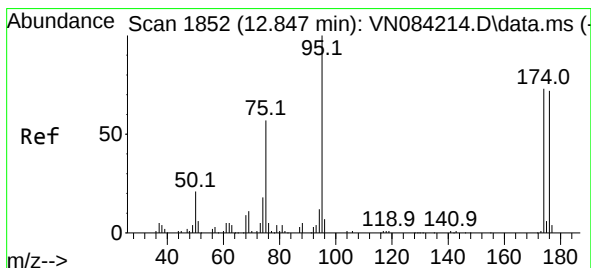
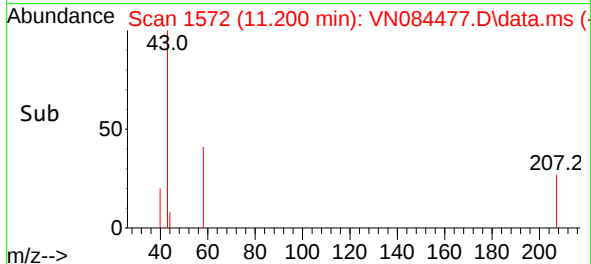
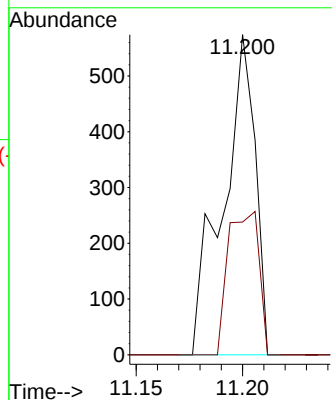


#59
2-Hexanone
Concen: 0.291 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_N
ClientSampleId :

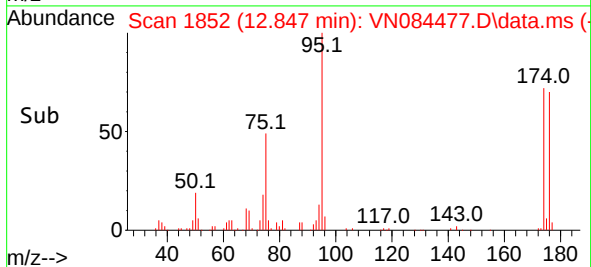
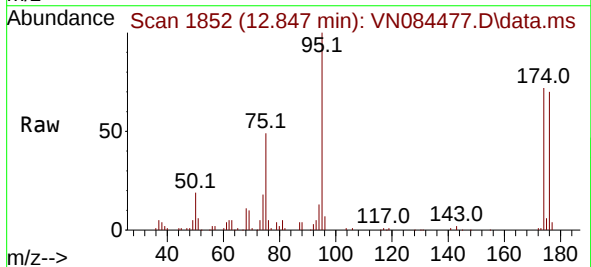
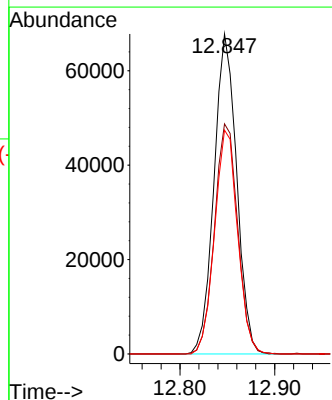


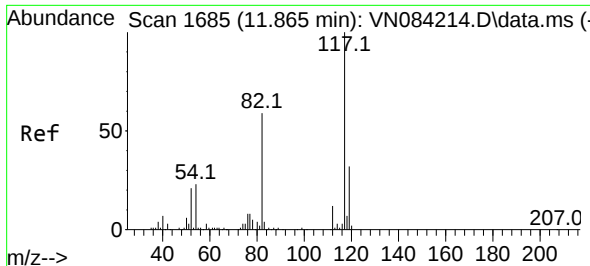
Tgt Ion: 43 Resp: 607
Ion Ratio Lower Upper
43 100
58 42.5 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 42.737 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

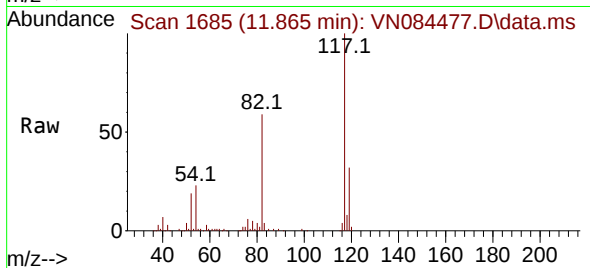
Tgt Ion: 95 Resp: 112534
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.2
176 71.1 0.0 140.0



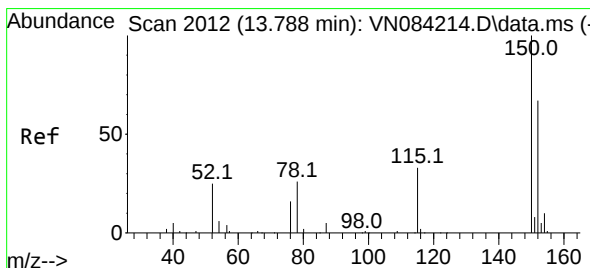
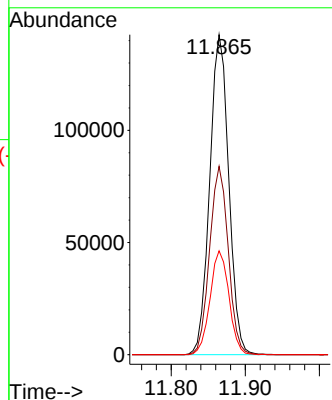
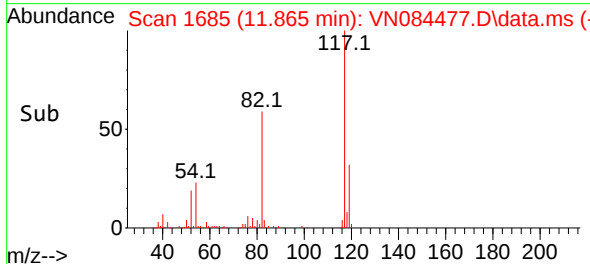


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

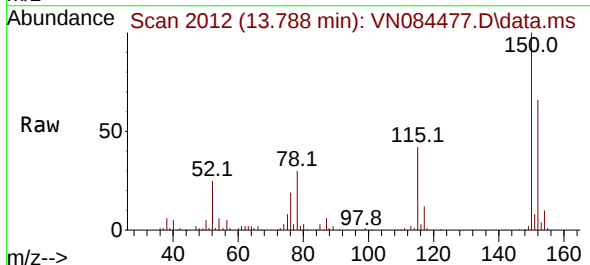
Instrument :
MSVOA_N
ClientSampleId :



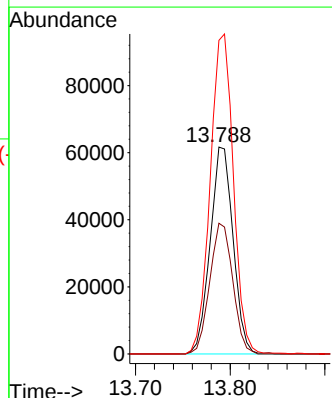
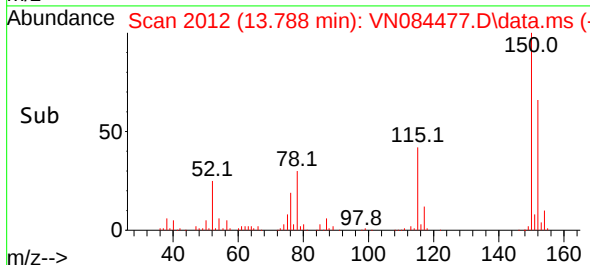
Tgt Ion:117 Resp: 254188
Ion Ratio Lower Upper
117 100
82 58.9 47.2 70.8
119 32.4 25.4 38.0

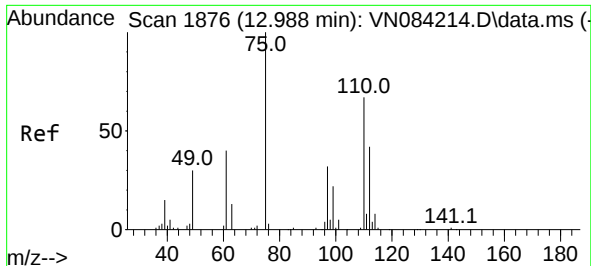


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18



Tgt Ion:152 Resp: 103563
Ion Ratio Lower Upper
152 100
115 63.1 31.3 93.9
150 156.3 0.0 349.8

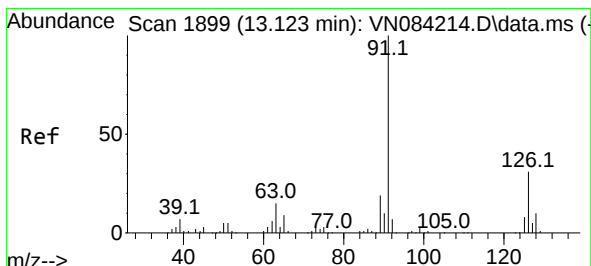
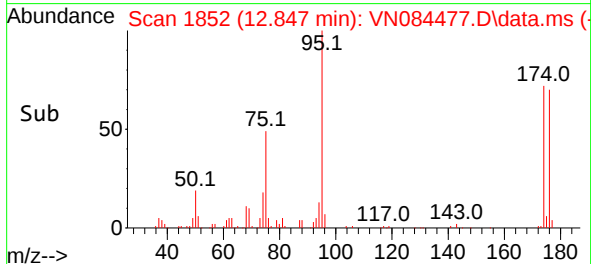
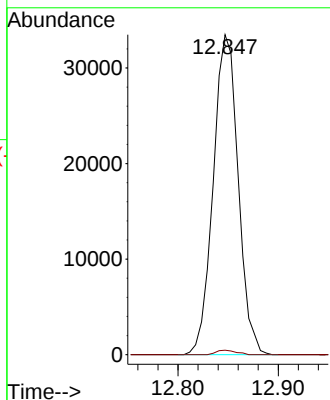
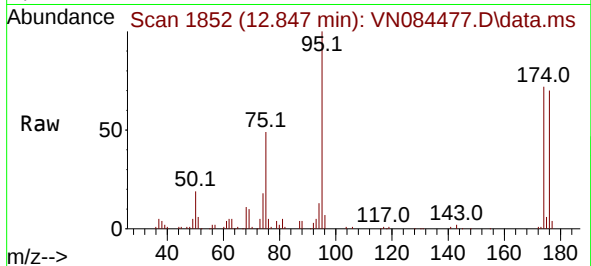




#76
1,2,3-Trichloropropane
Concen: 27.307 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

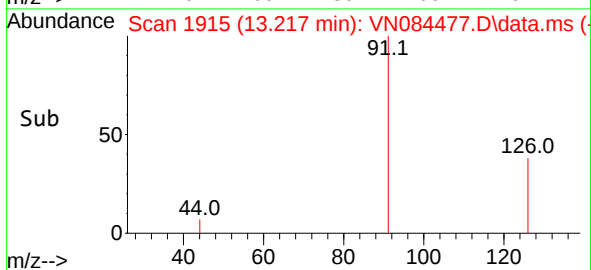
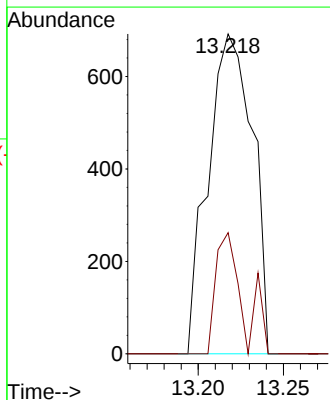
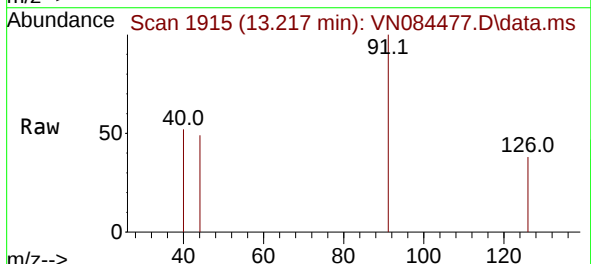
Instrument :
MSVOA_N
ClientSampleId :

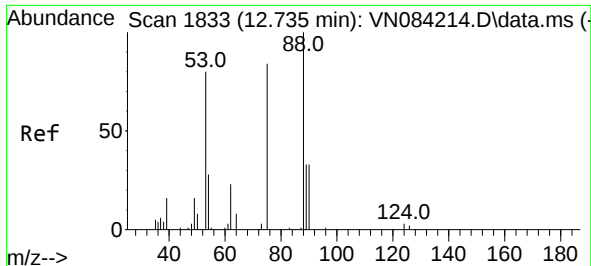
Tgt Ion: 75 Resp: 57734
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#



#79
2-Chlorotoluene
Concen: 0.215 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.094 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 91 Resp: 1257
Ion Ratio Lower Upper
91 100
126 18.0 15.7 47.1

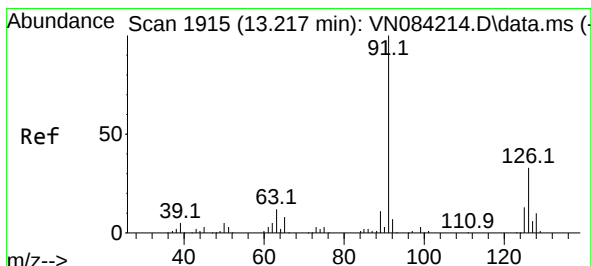
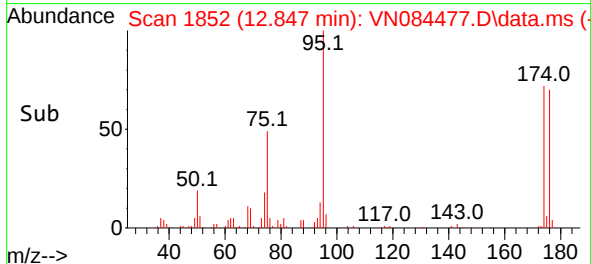
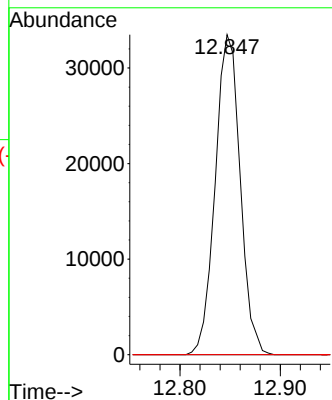
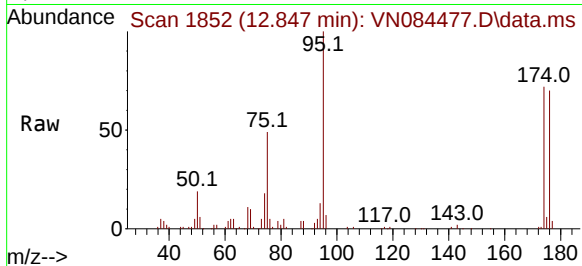




#81
trans-1,4-Dichloro-2-butene
Concen: 65.467 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

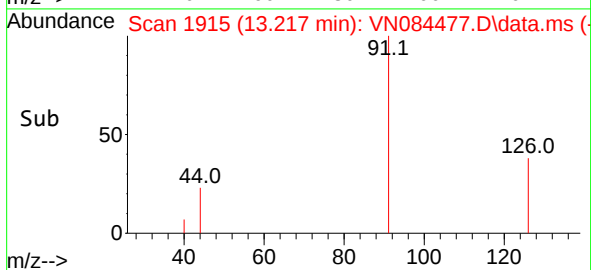
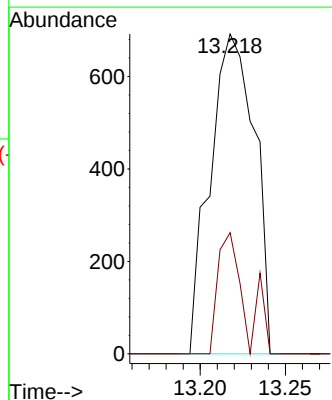
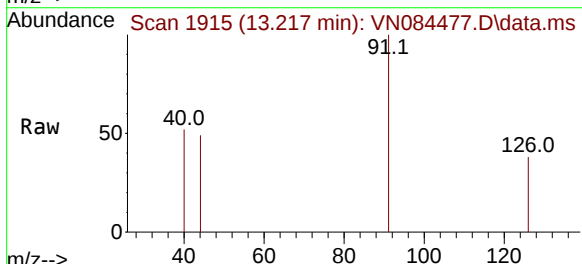
Instrument :
MSVOA_N
ClientSampleId :

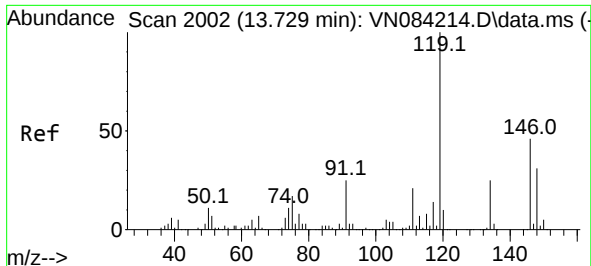
Tgt Ion: 75 Resp: 57734
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#82
4-Chlorotoluene
Concen: 0.214 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 91 Resp: 1257
Ion Ratio Lower Upper
91 100
126 18.0 15.7 47.1





#87

1,3-Dichlorobenzene

Concen: 0.354 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

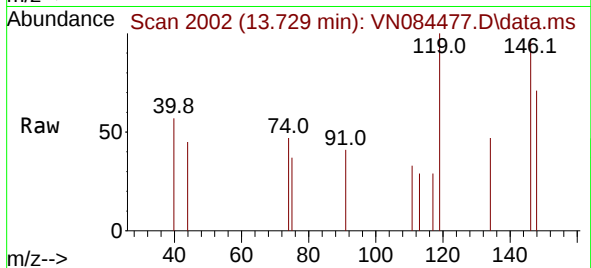
Lab File: VN084477.D

Acq: 24 Oct 2024 10:18

Instrument :

MSVOA_N

ClientSampleId :



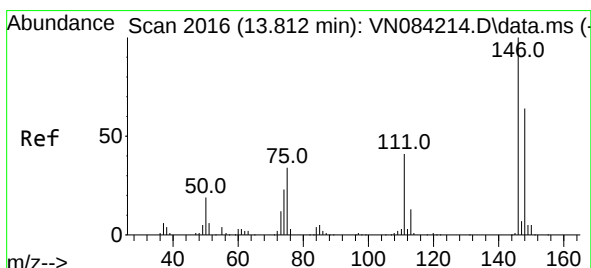
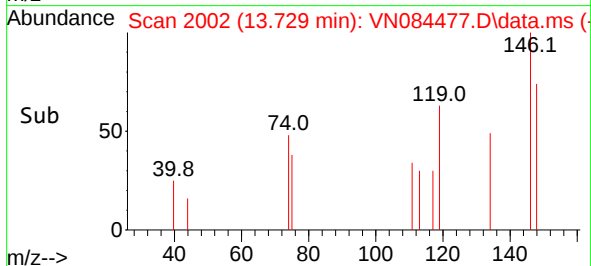
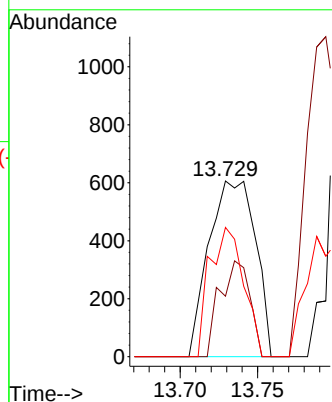
Tgt Ion:146 Resp: 1267

Ion Ratio Lower Upper

146 100

111 34.8 21.8 65.3

148 53.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.351 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.082 min

Lab File: VN084477.D

Acq: 24 Oct 2024 10:18

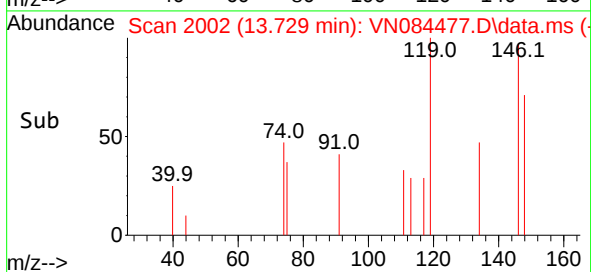
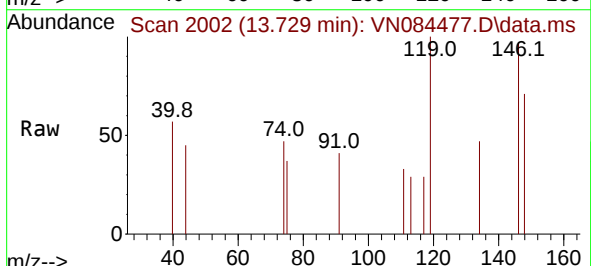
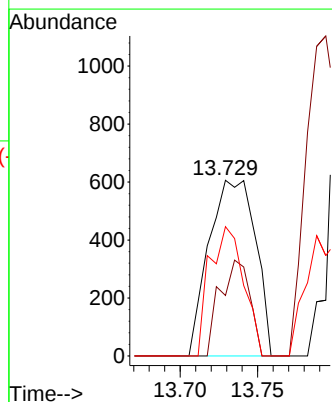
Tgt Ion:146 Resp: 1267

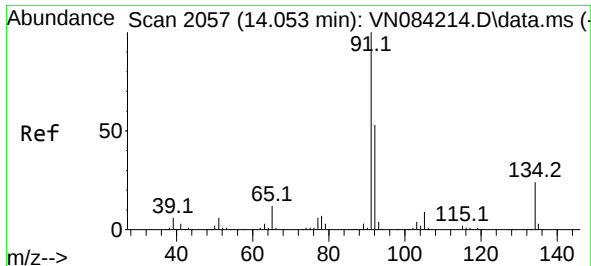
Ion Ratio Lower Upper

146 100

111 34.8 21.2 63.6

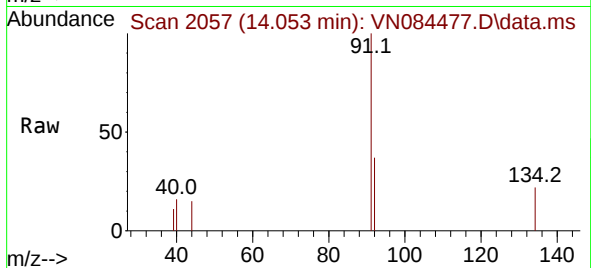
148 53.5 31.9 95.9





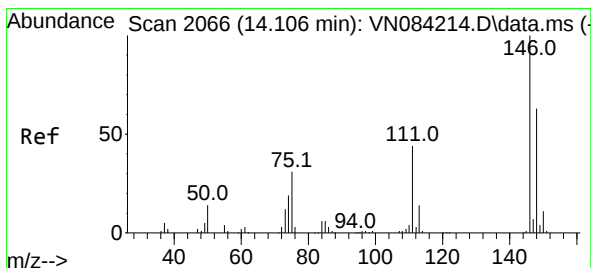
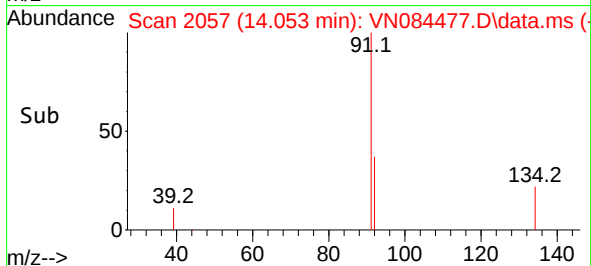
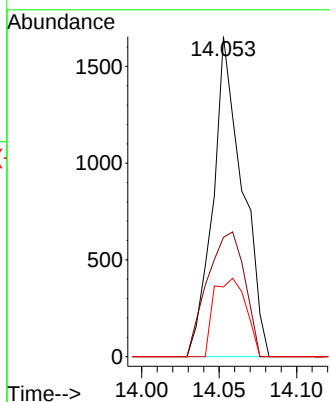
#89
n-Butylbenzene
Concen: 0.381 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 91 Resp: 2182

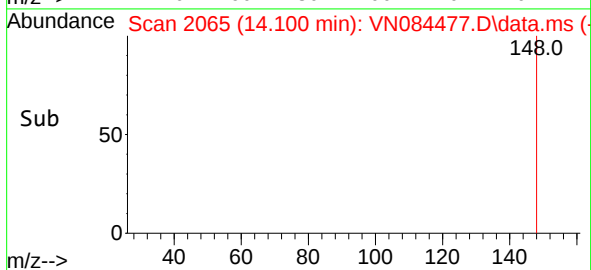
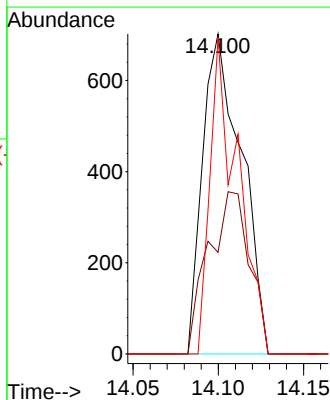
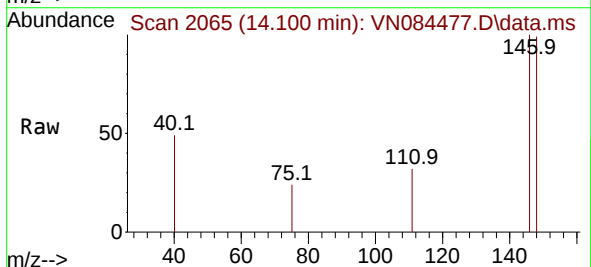
Ion	Ratio	Lower	Upper
91	100		
92	49.4	26.6	79.7
134	26.6	12.3	36.9

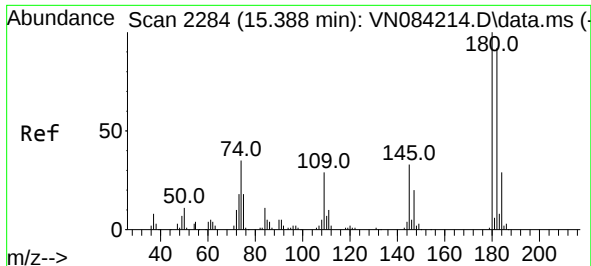


#91
1,2-Dichlorobenzene
Concen: 0.317 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Tgt Ion: 146 Resp: 1113

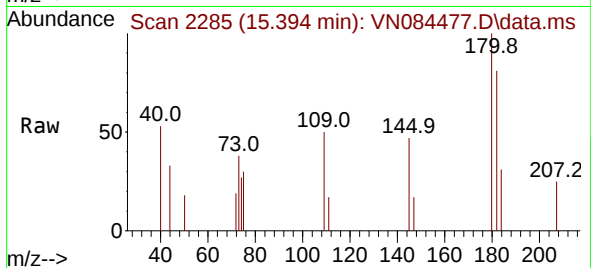
Ion	Ratio	Lower	Upper
146	100		
111	53.6	22.0	66.0
148	70.9	32.1	96.3



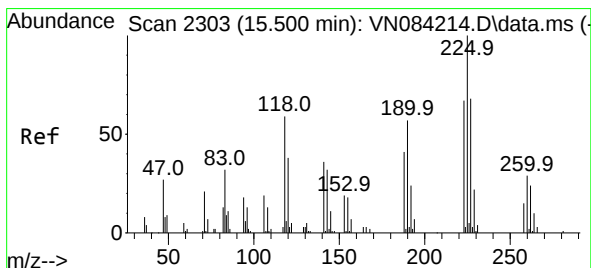
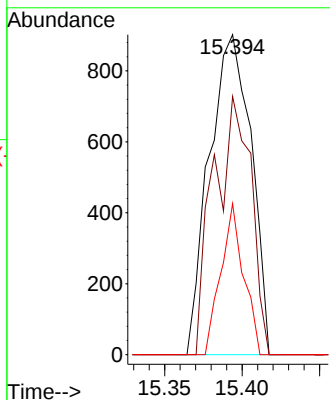
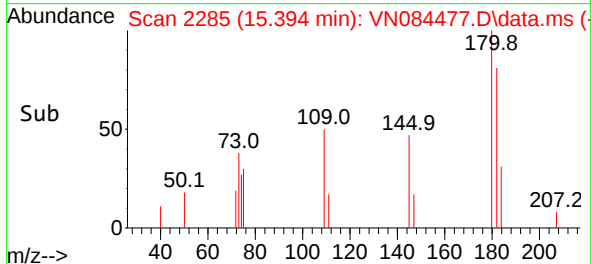


#93
1,2,4-Trichlorobenzene
Concen: 0.981 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

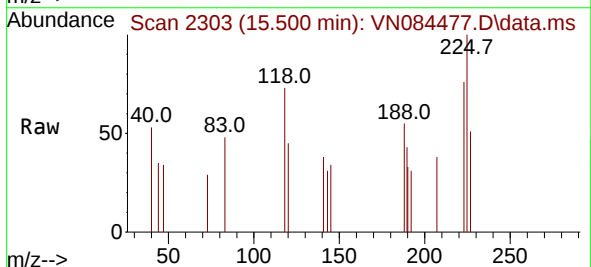
Instrument :
MSVOA_N
ClientSampleId :



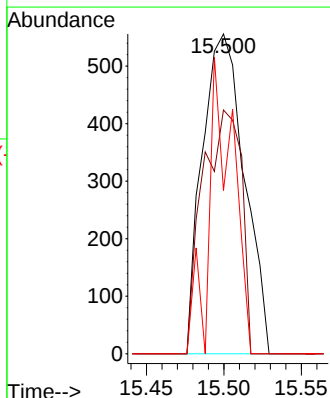
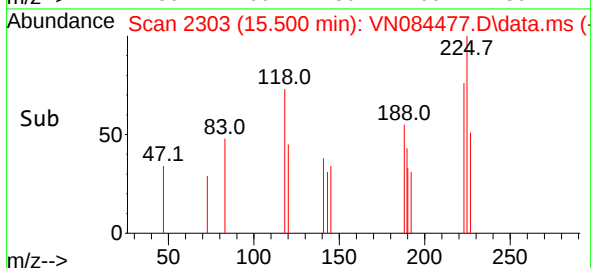
Tgt Ion:180 Resp: 1695
Ion Ratio Lower Upper
180 100
182 71.8 47.0 141.0
145 25.7 16.4 49.4

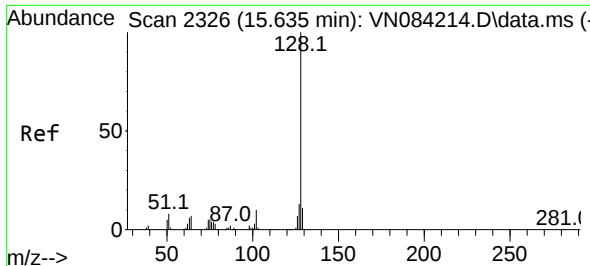


#94
Hexachlorobutadiene
Concen: 1.217 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18



Tgt Ion:225 Resp: 1048
Ion Ratio Lower Upper
225 100
223 69.9 32.4 97.2
227 54.1 32.4 97.0

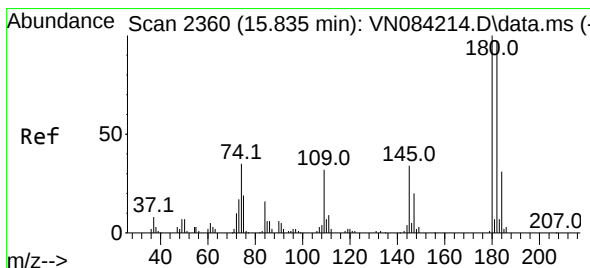
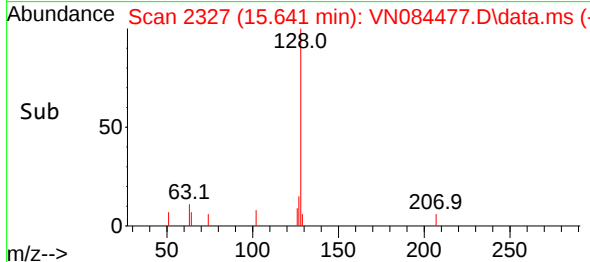
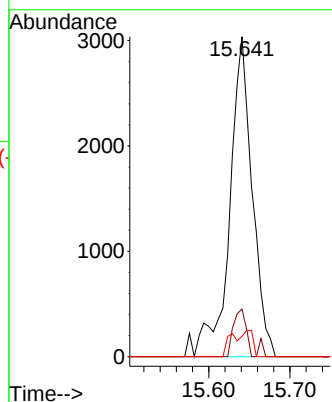
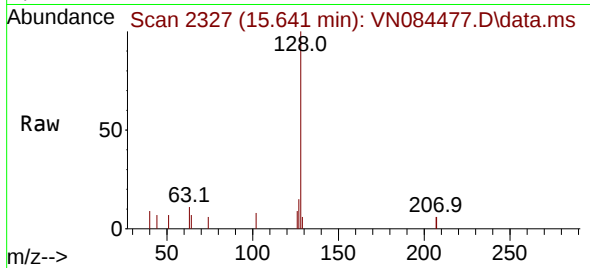




#95
Naphthalene
Concen: 1.034 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5920
Ion Ratio Lower Upper
128 100
127 8.2 10.5 15.7#
129 3.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 1.249 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084477.D
Acq: 24 Oct 2024 10:18

Tgt Ion:180 Resp: 2160
Ion Ratio Lower Upper
180 100
182 85.9 48.2 144.6
145 26.0 17.3 51.9

