

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084791.D
 Acq On : 12 Nov 2024 13:13
 Operator : JC\MD
 Sample : VN1112WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 23:33:33 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)

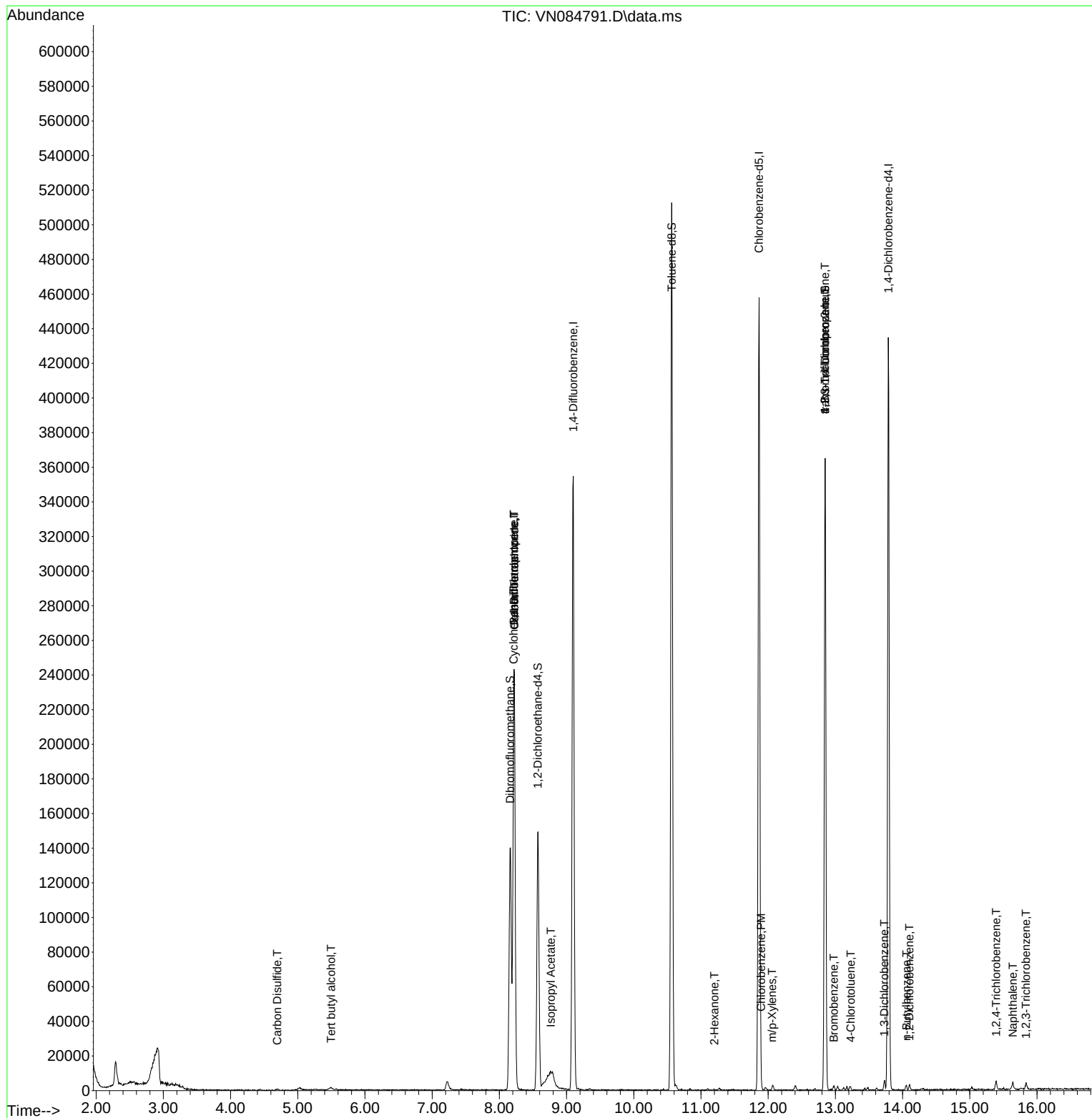
Internal Standards						
1) Pentafluorobenzene	8.218	168	180518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124567	47.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.560%		
35) Dibromofluoromethane	8.159	113	101733	48.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.980%		
50) Toluene-d8	10.565	98	351300	45.921	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.840%		
62) 4-Bromofluorobenzene	12.847	95	130816	45.754	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.500%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	772	Below Cal	#	41
6) Chloroethane	3.154	64	129	Below Cal	#	45
11) Tert butyl alcohol	5.495	59	611	1.775	ug/l #	73
16) Acetone	4.424	43	127	Below Cal	#	44
17) Carbon Disulfide	4.695	76	1486	0.235	ug/l #	75
18) Methyl Acetate	5.018	43	1293	Below Cal	#	81
31) Cyclohexane	8.212	56	3963	1.101	ug/l #	26
36) 1,1-Dichloropropene	8.218	75	14033	4.872	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19833	6.161	ug/l #	16
43) Isopropyl Acetate	8.765	43	19736	3.184	ug/l #	56
59) 2-Hexanone	11.200	43	463	0.255	ug/l	66
65) Chlorobenzene	11.894	112	1409	0.241	ug/l #	81
68) m/p-Xylenes	12.059	106	1086	0.294	ug/l	92
76) 1,2,3-Trichloropropane	12.847	75	66215	27.887	ug/l #	1
77) Bromobenzene	12.976	156	575	0.257	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.847	75	66215	66.159	ug/l #	11
82) 4-Chlorotoluene	13.229	91	1956	0.292	ug/l	94
87) 1,3-Dichlorobenzene	13.729	146	2019	0.462	ug/l	96
88) 1,4-Dichlorobenzene	13.729	146	2019	Below Cal		95
89) n-Butylbenzene	14.059	91	1902	0.307	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	1464	0.349	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	1905	0.829	ug/l	85
95) Naphthalene	15.641	128	5169	0.752	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.835	180	1670	0.749	ug/l	93

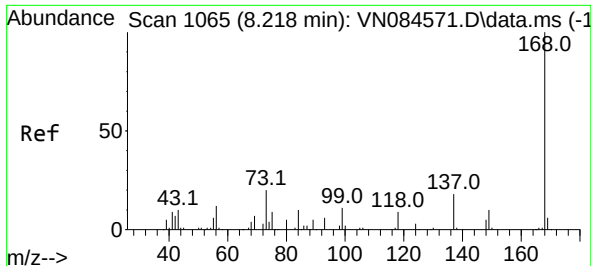
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
Data File : VN084791.D
Acq On : 12 Nov 2024 13:13
Operator : JC\MD
Sample : VN1112WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 12 23:33:33 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

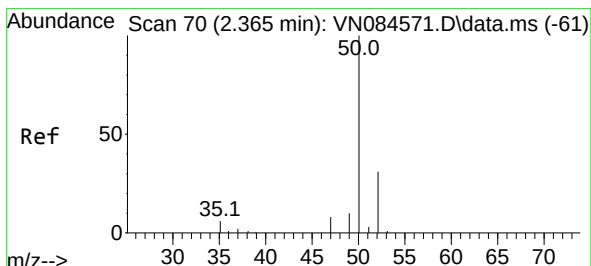
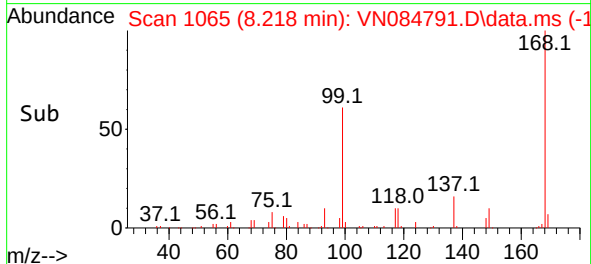
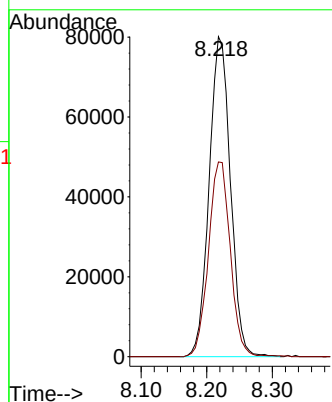
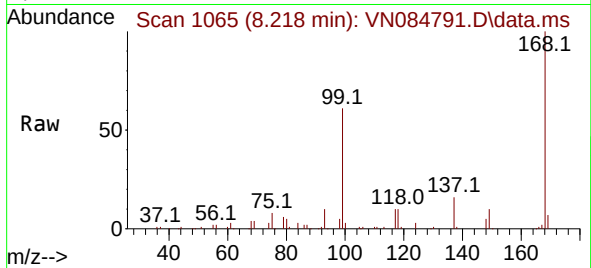




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

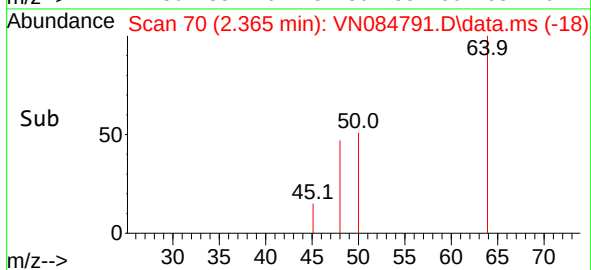
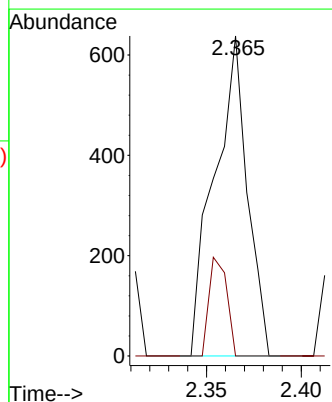
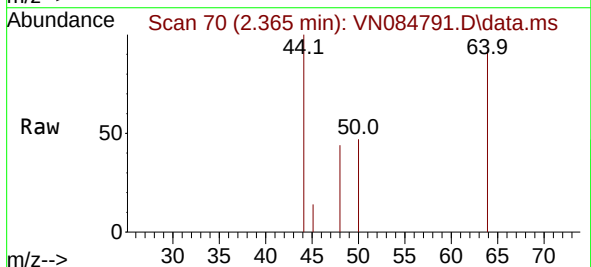
Instrument :
MSVOA_N
ClientSampleId :

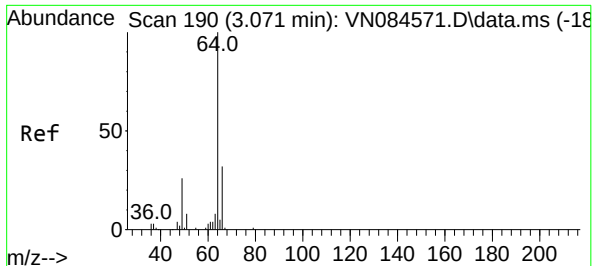
Tgt Ion:168 Resp: 180518
Ion Ratio Lower Upper
168 100
99 60.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

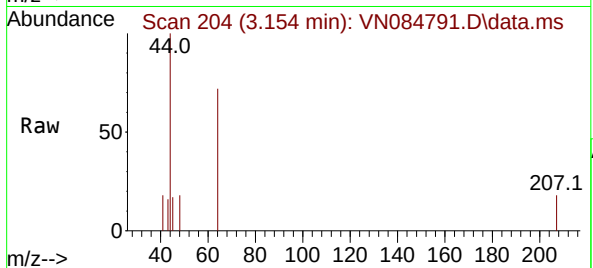
Tgt Ion: 50 Resp: 772
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#



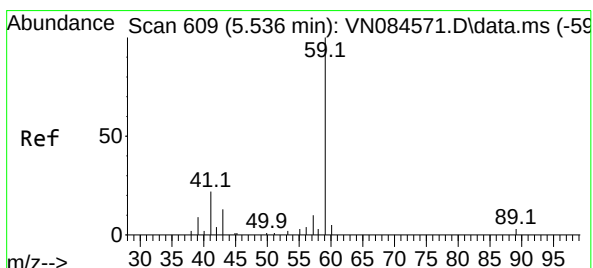
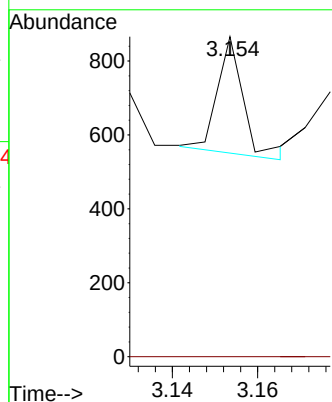
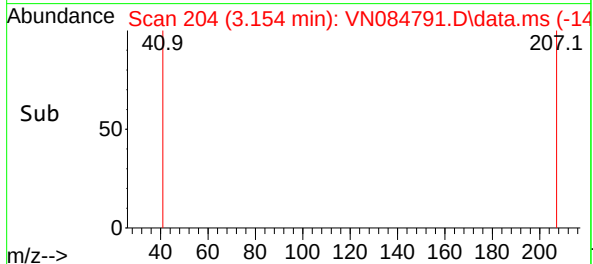


#6
Chloroethane
Concen: Below Cal
RT: 3.154 min Scan# 204
Delta R.T. 0.036 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

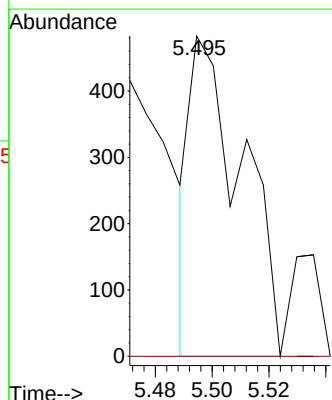
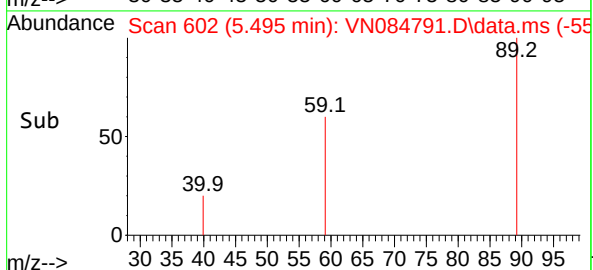
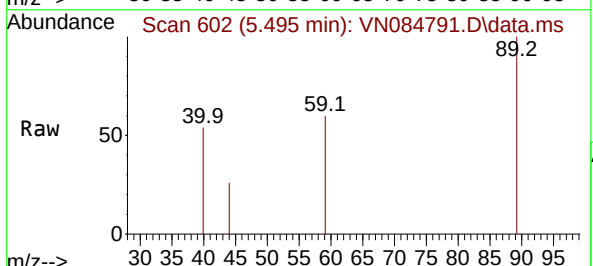


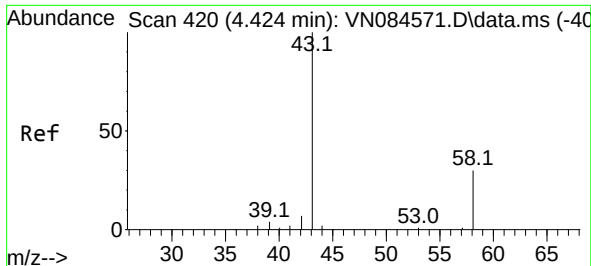
Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 1.775 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

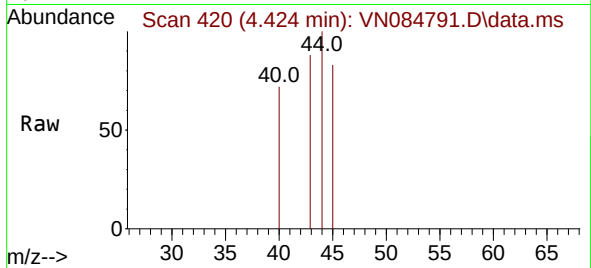
Tgt Ion: 59 Resp: 611
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



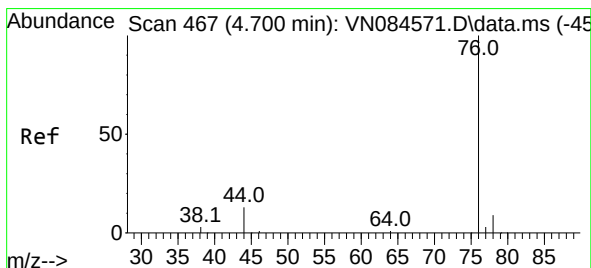
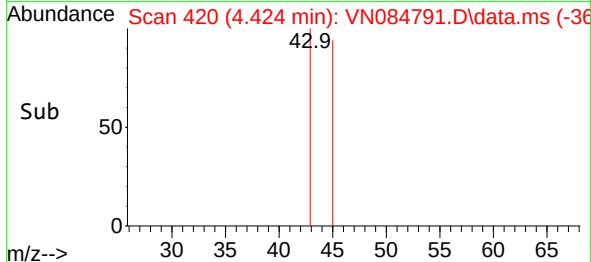
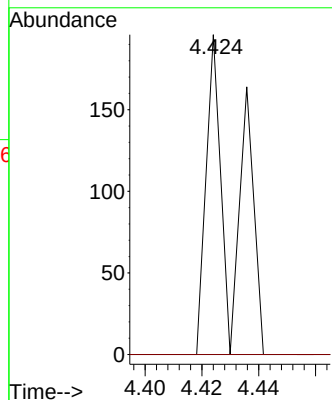


#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

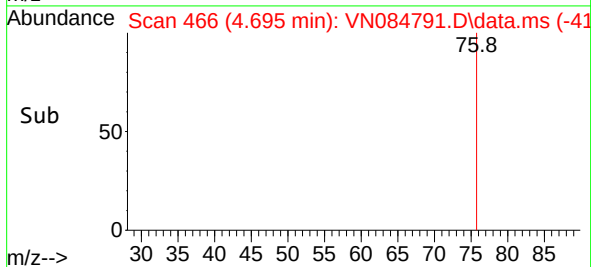
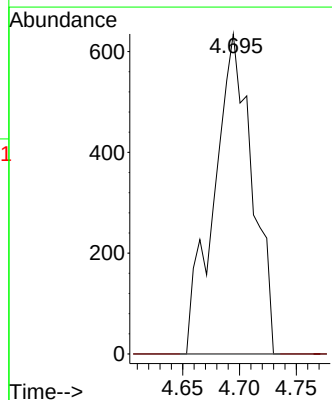
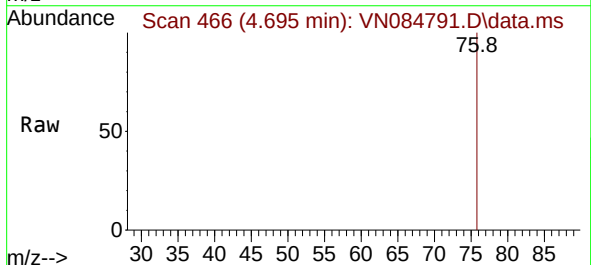


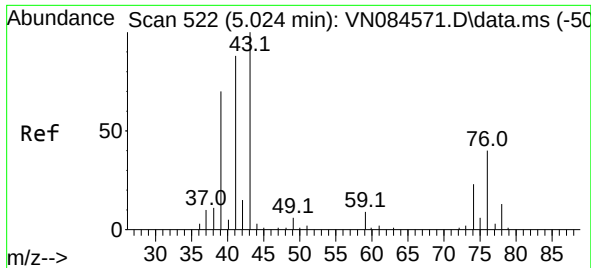
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.017 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

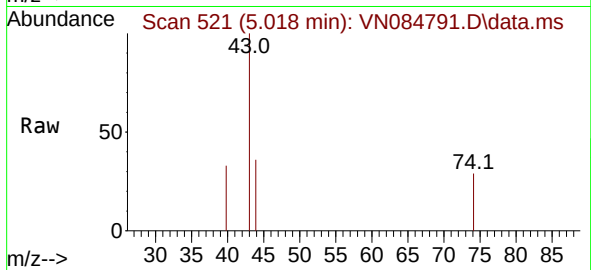
Tgt Ion: 76 Resp: 1486
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



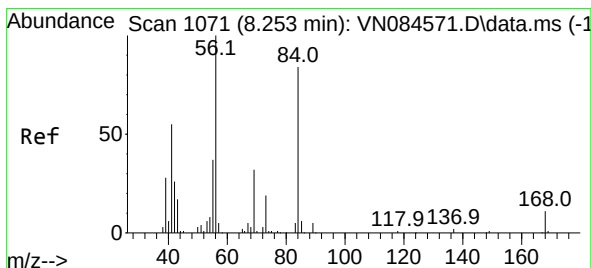
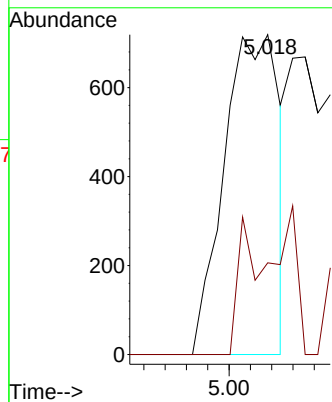
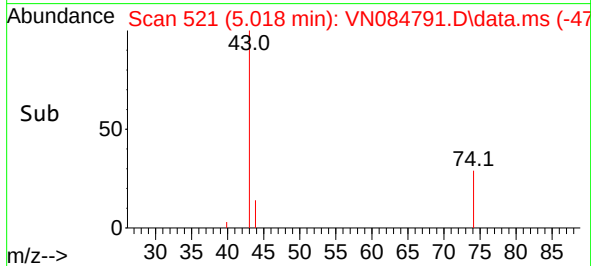


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

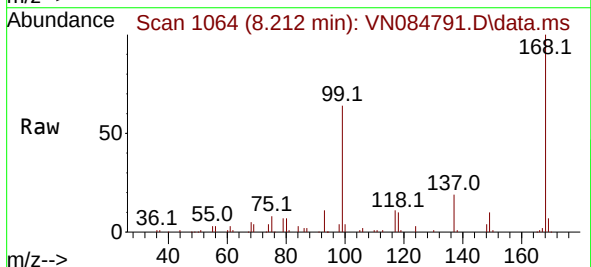
Instrument :
MSVOA_N
ClientSampleId :



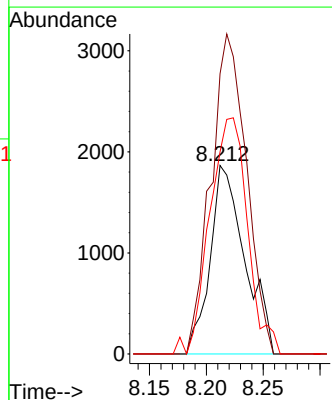
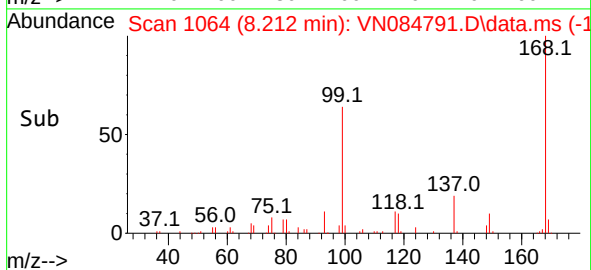
Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
74 33.3 19.2 28.8#

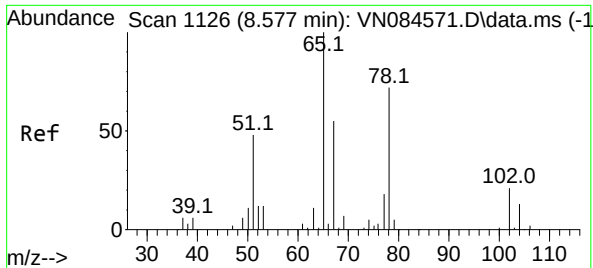


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13



Tgt Ion: 56 Resp: 3963
Ion Ratio Lower Upper
56 100
69 148.6 23.8 35.6#
84 107.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.776 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN084791.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_N

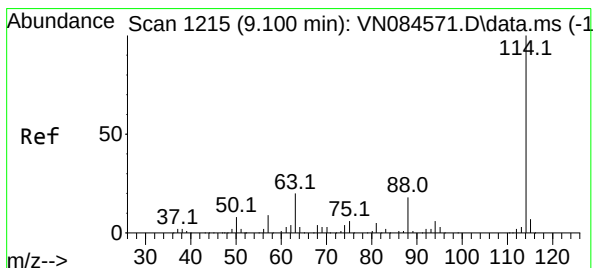
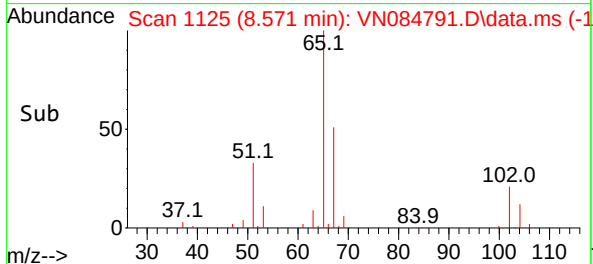
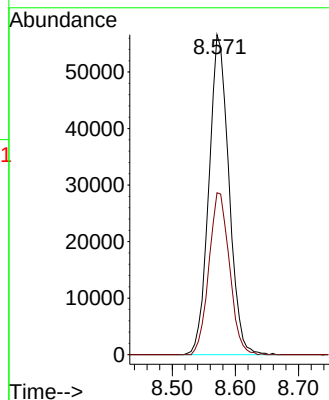
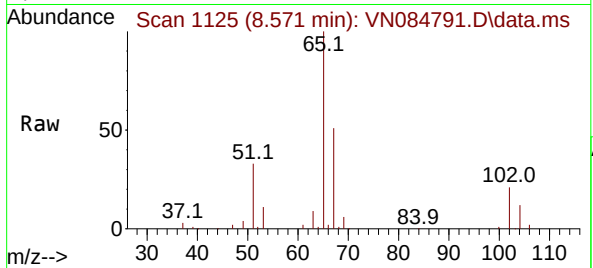
ClientSampleId :

Tgt Ion: 65 Resp: 124567

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# 1215

Delta R.T. 0.000 min

Lab File: VN084791.D

Acq: 12 Nov 2024 13:13

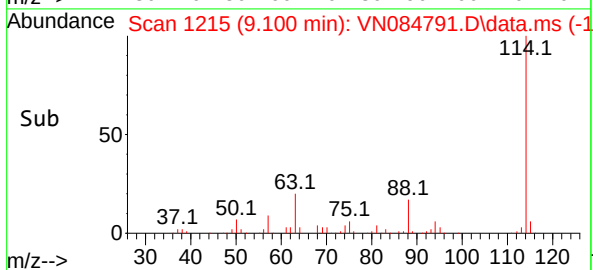
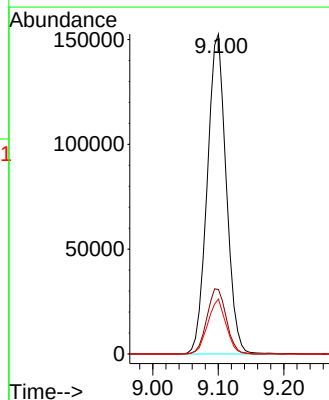
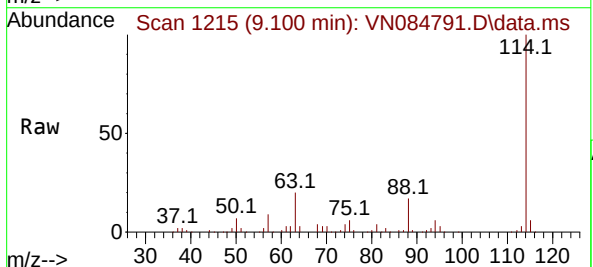
Tgt Ion: 114 Resp: 306816

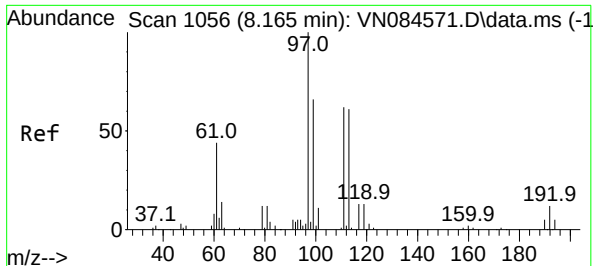
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.8

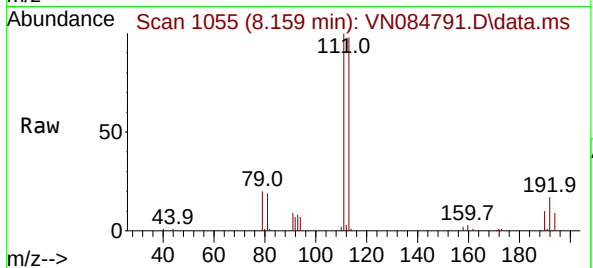
88 17.1 0.0 31.6



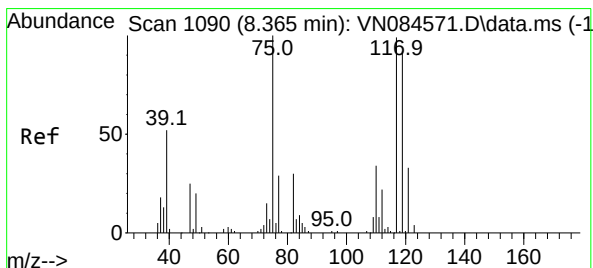
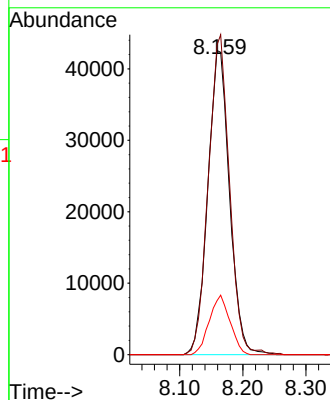
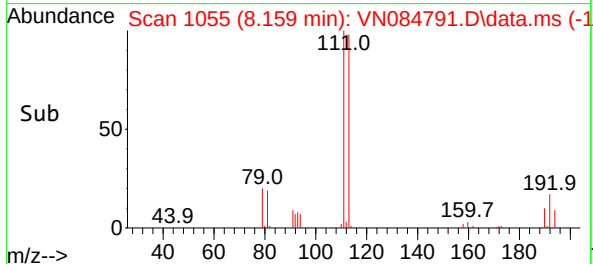


#35
Dibromofluoromethane
Concen: 48.986 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

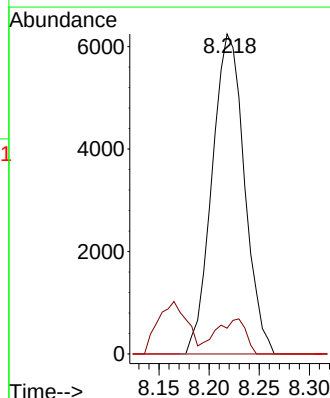
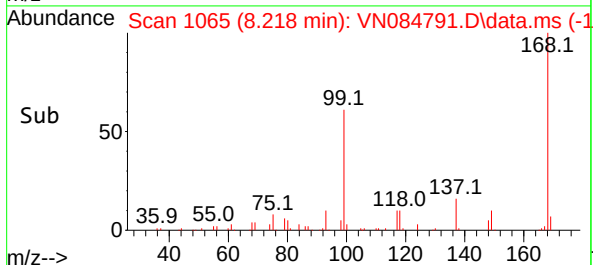
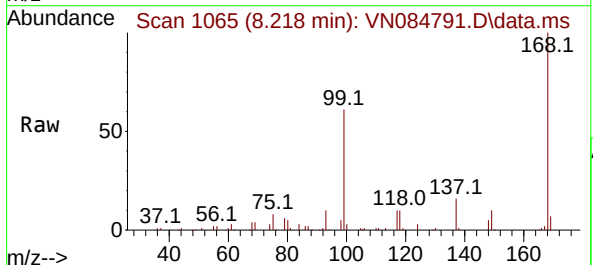


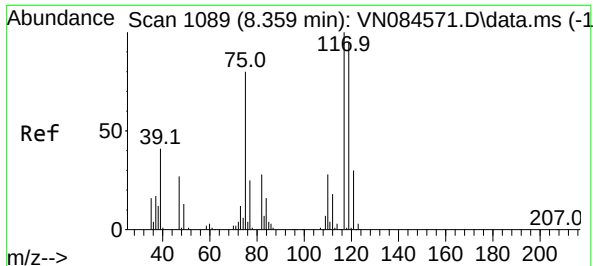
Tgt Ion:113 Resp: 101733
Ion Ratio Lower Upper
113 100
111 102.3 83.3 124.9
192 18.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.872 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

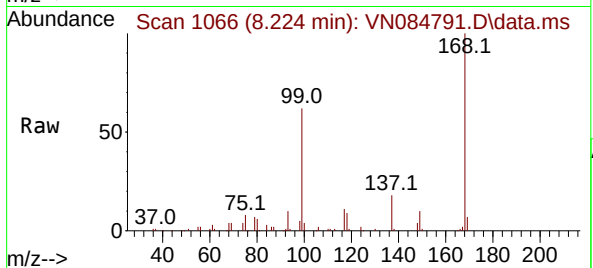
Tgt Ion: 75 Resp: 14033
Ion Ratio Lower Upper
75 100
110 9.7 16.9 50.7#
77 0.0 24.7 37.1#



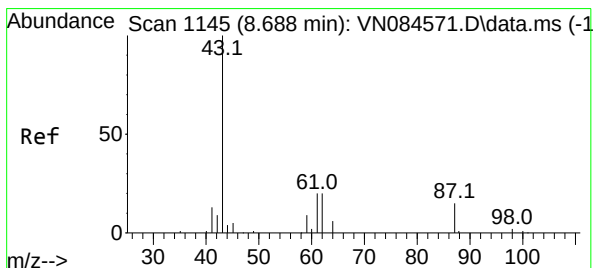
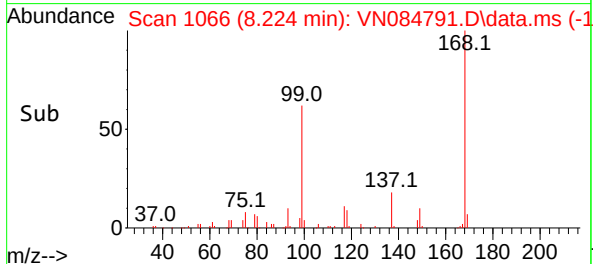
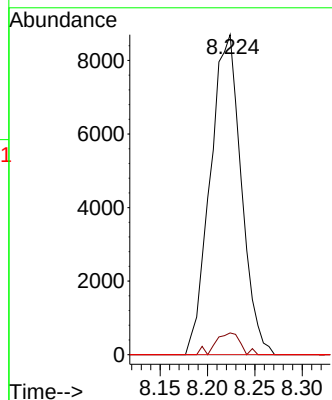


#38
Carbon Tetrachloride
Concen: 6.161 ug/l
RT: 8.224 min Scan# 1158
Delta R.T. -0.135 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

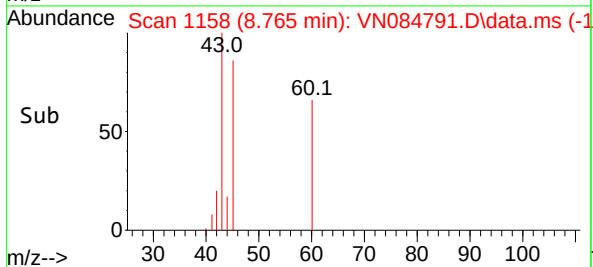
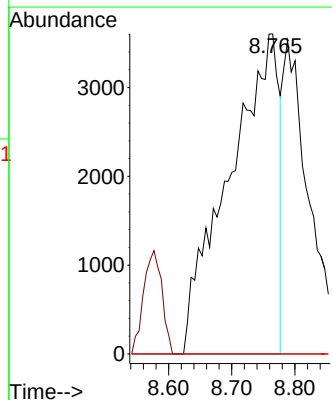
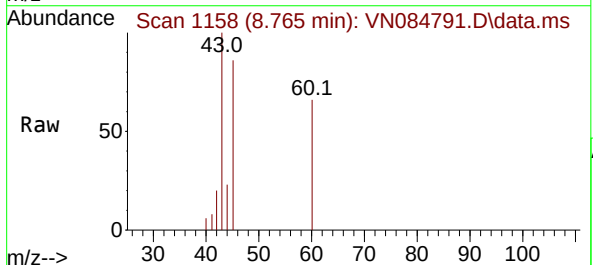


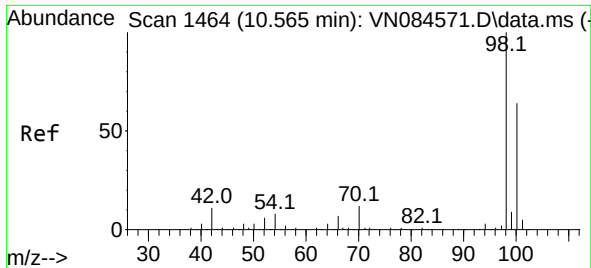
Tgt Ion:117 Resp: 19833
Ion Ratio Lower Upper
117 100
119 6.8 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 3.184 ug/l
RT: 8.765 min Scan# 1158
Delta R.T. 0.077 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 43 Resp: 19736
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

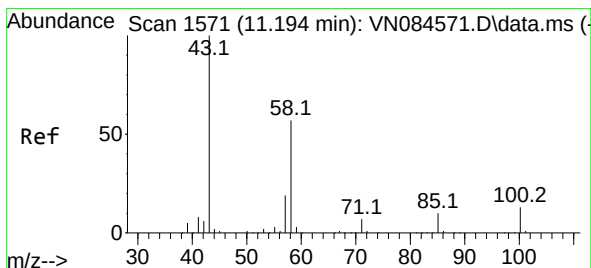
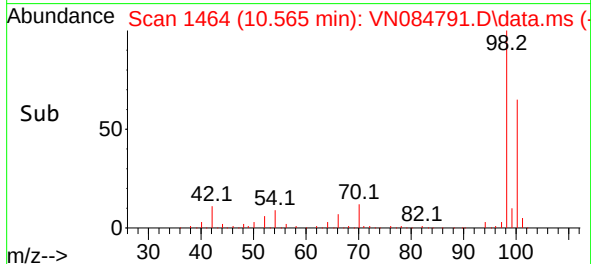
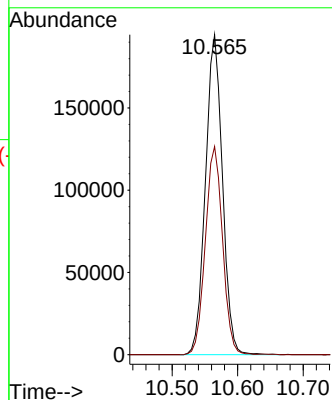
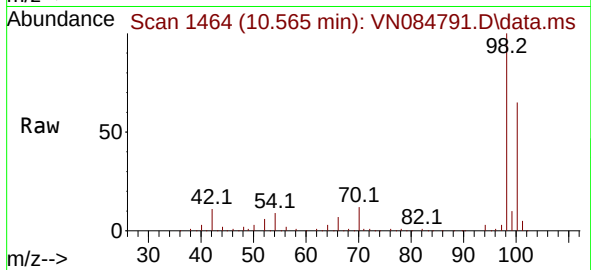




#50
Toluene-d8
Concen: 45.921 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

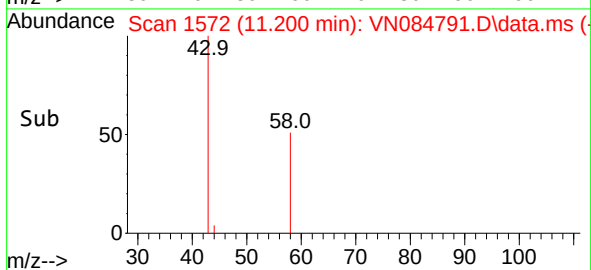
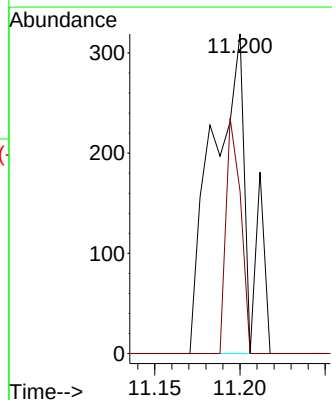
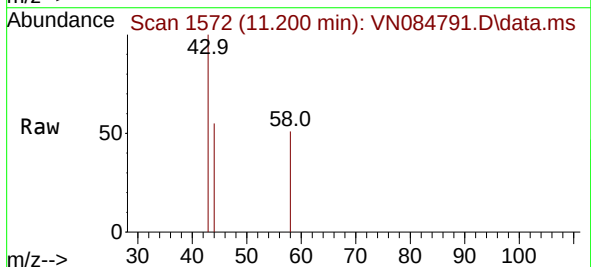
Instrument :
MSVOA_N
ClientSampleId :

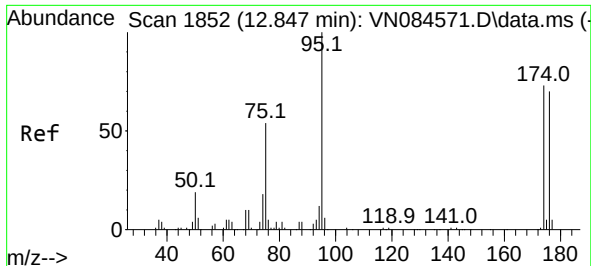
Tgt Ion: 98 Resp: 351300
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1



#59
2-Hexanone
Concen: 0.255 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 43 Resp: 463
Ion Ratio Lower Upper
43 100
58 30.2 27.3 81.8

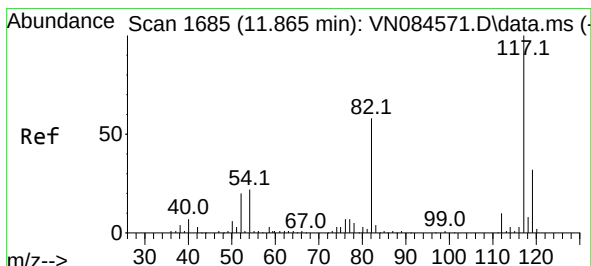
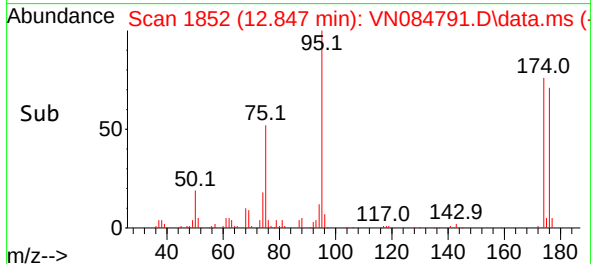
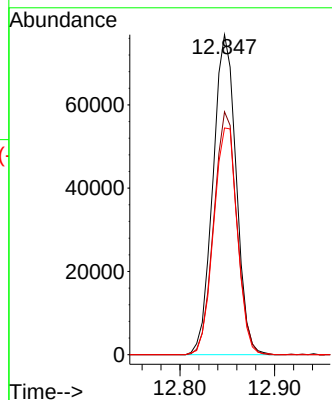
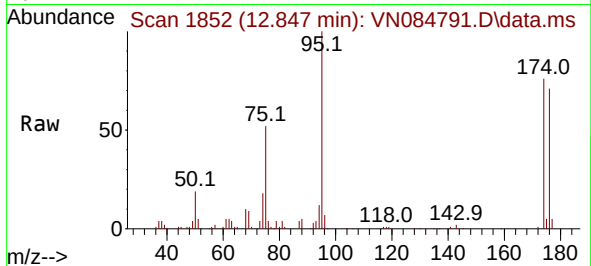




#62
4-Bromofluorobenzene
Concen: 45.754 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

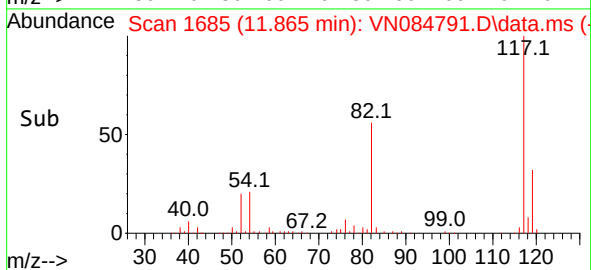
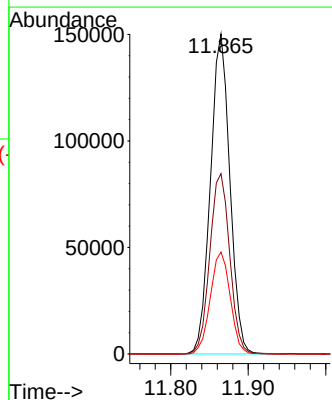
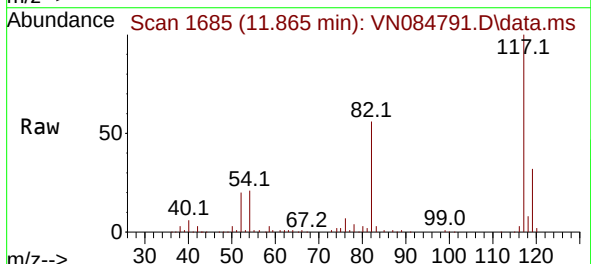
Instrument :
MSVOA_N
ClientSampleId :

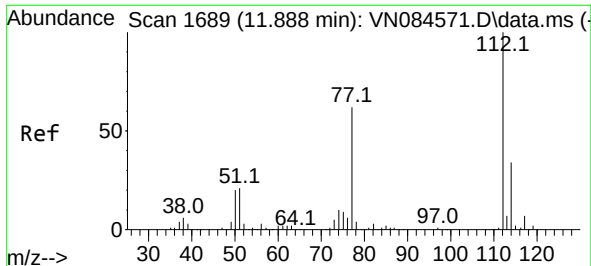
Tgt Ion: 95 Resp: 130816
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.2
176 72.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 117 Resp: 261220
Ion Ratio Lower Upper
117 100
82 56.4 47.2 70.8
119 31.9 25.4 38.0

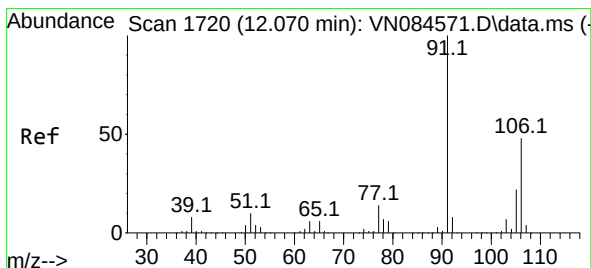
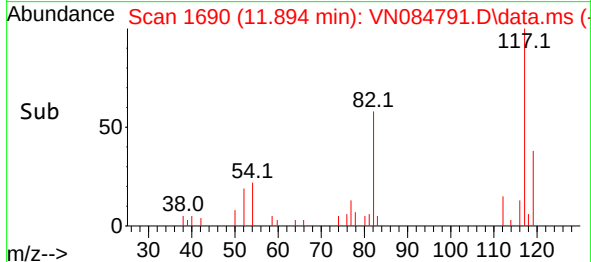
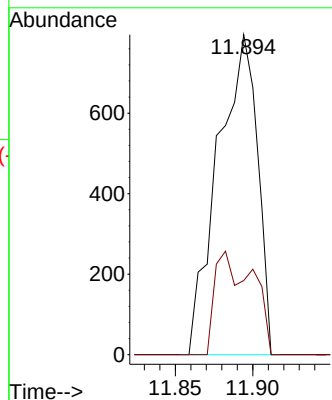
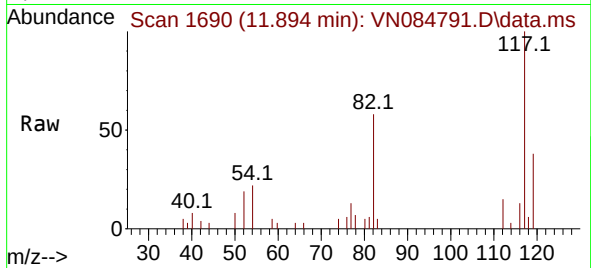




#65
Chlorobenzene
Concen: 0.241 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

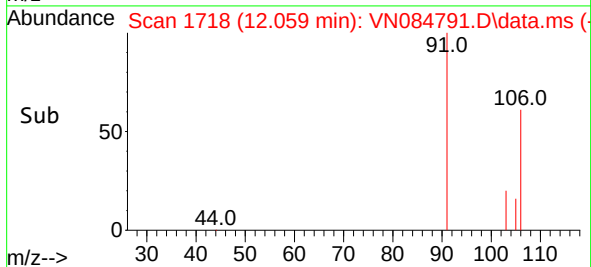
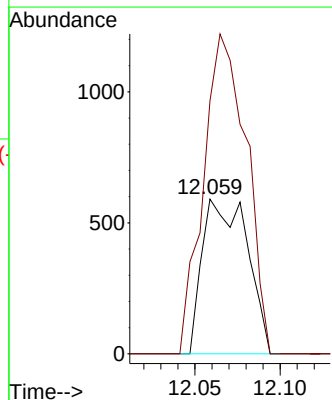
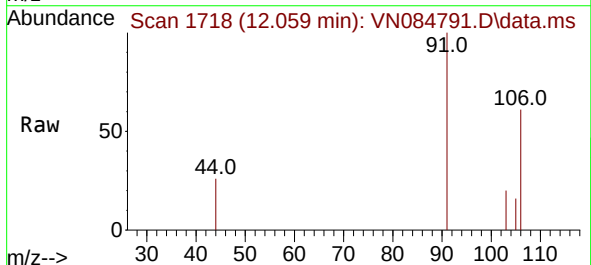
Instrument :
MSVOA_N
ClientSampleId :

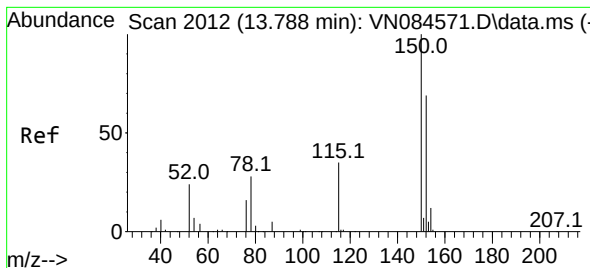
Tgt Ion:112 Resp: 1409
Ion Ratio Lower Upper
112 100
114 23.1 27.0 40.6#



#68
m/p-Xylenes
Concen: 0.294 ug/l
RT: 12.059 min Scan# 1718
Delta R.T. -0.012 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Tgt Ion:106 Resp: 1086
Ion Ratio Lower Upper
106 100
91 196.9 167.1 250.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084791.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

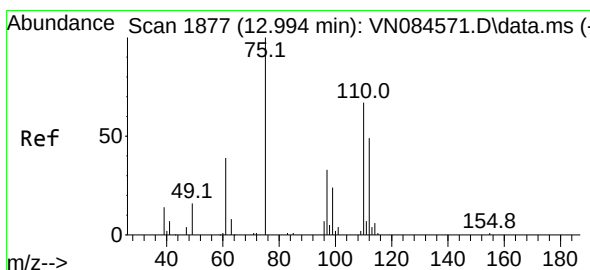
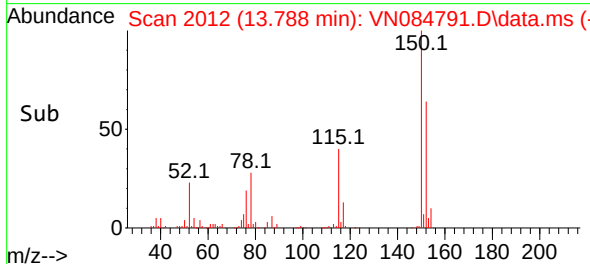
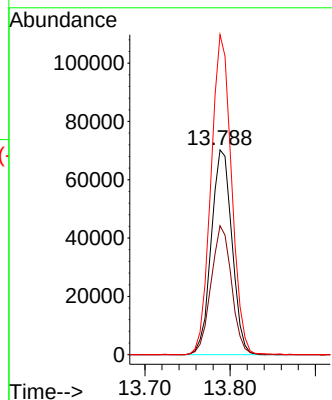
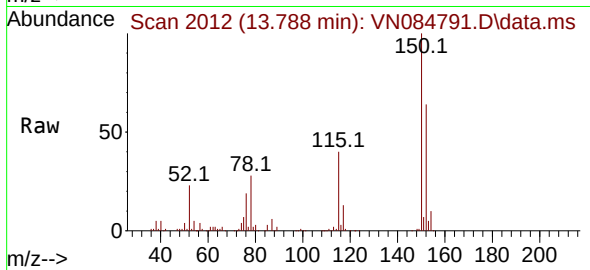
Tgt Ion:152 Resp: 118783

Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.9

150 155.5 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 27.887 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084791.D

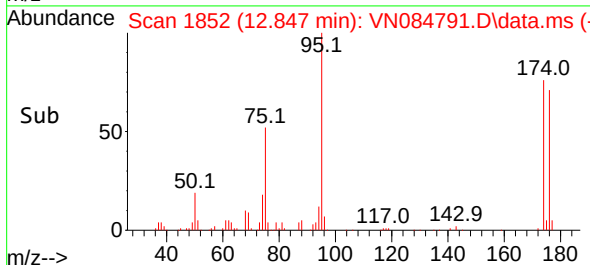
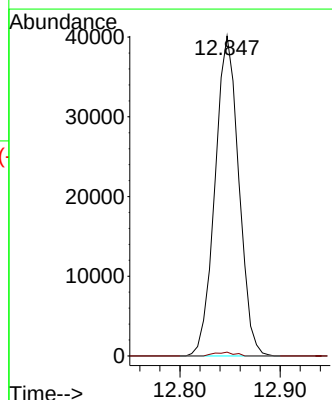
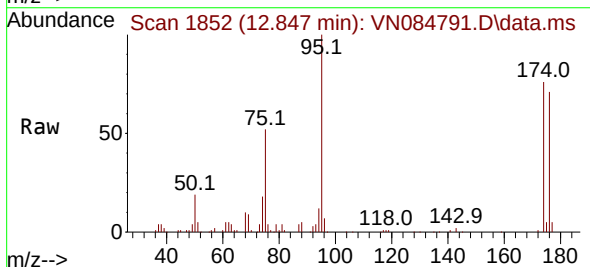
Acq: 12 Nov 2024 13:13

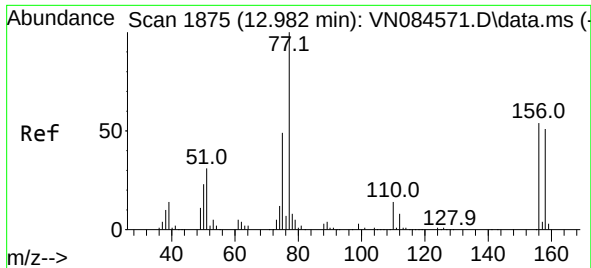
Tgt Ion: 75 Resp: 66215

Ion Ratio Lower Upper

75 100

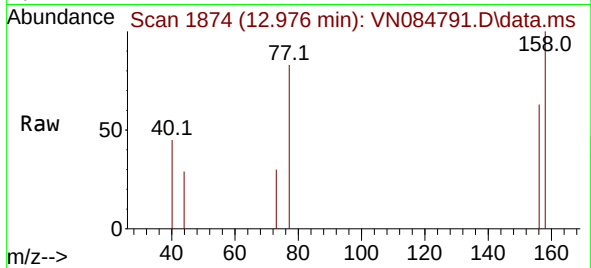
77 1.0 96.9 290.7#



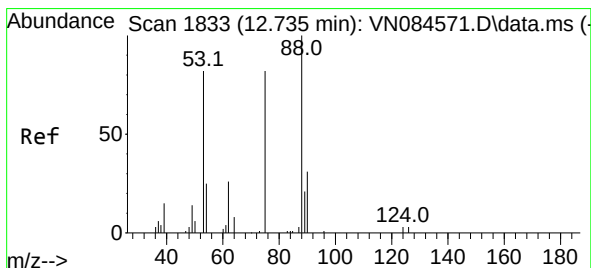
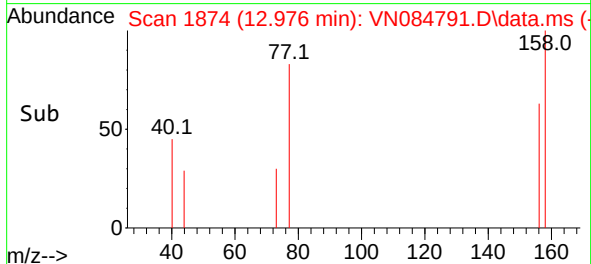
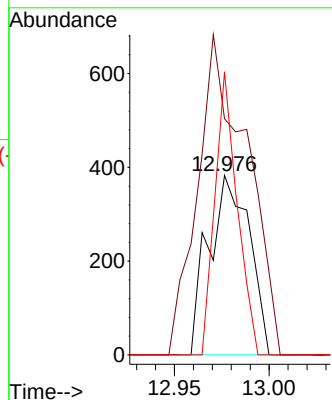


#77
Bromobenzene
Concen: 0.257 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

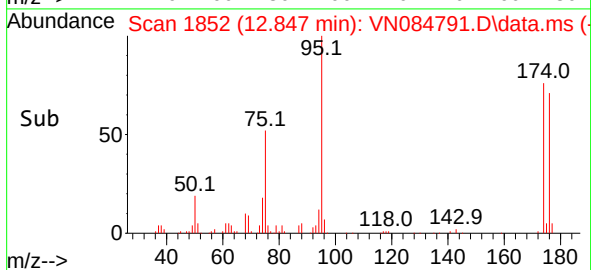
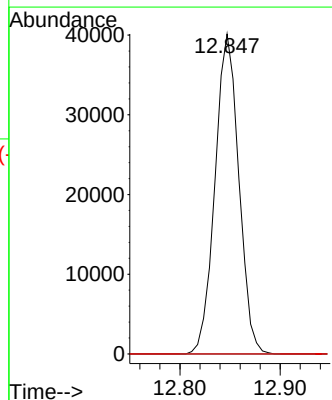
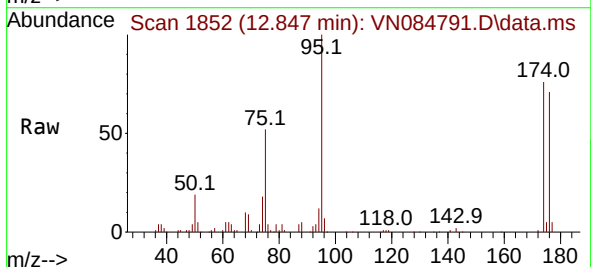


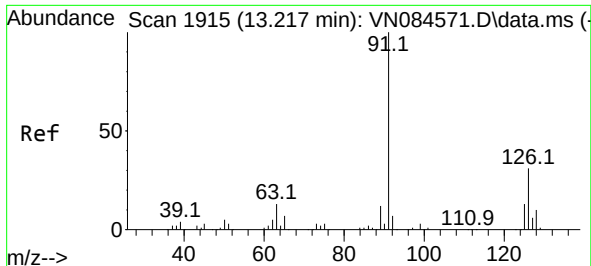
Tgt Ion:156 Resp: 575
Ion Ratio Lower Upper
156 100
77 214.3 115.1 345.3
158 85.7 48.9 146.8



#81
trans-1,4-Dichloro-2-butene
Concen: 66.159 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 75 Resp: 66215
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

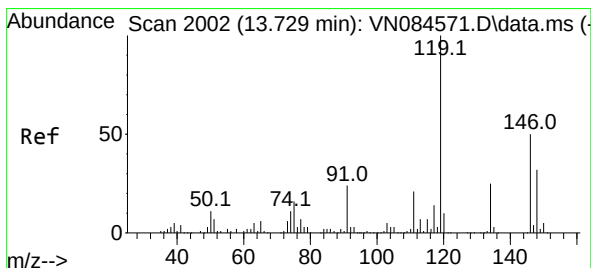
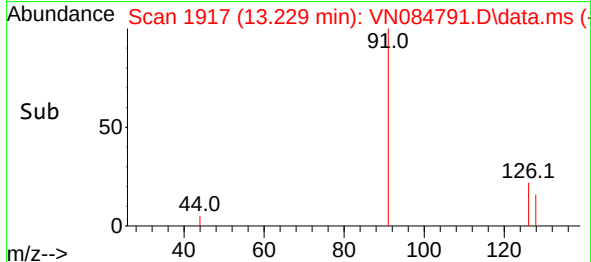
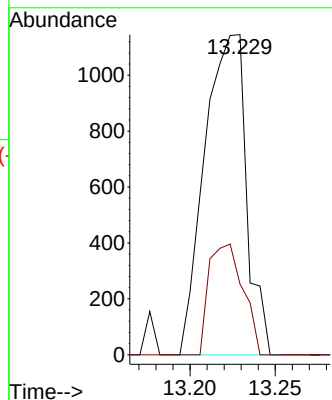
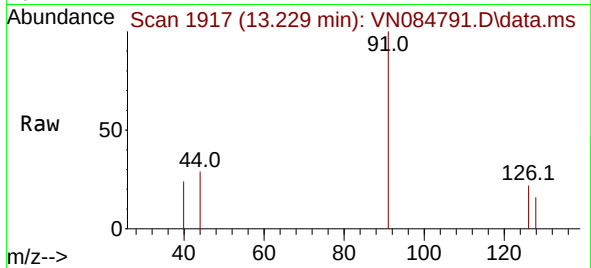




#82
4-Chlorotoluene
Concen: 0.292 ug/l
RT: 13.229 min Scan# 1915
Delta R.T. 0.012 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

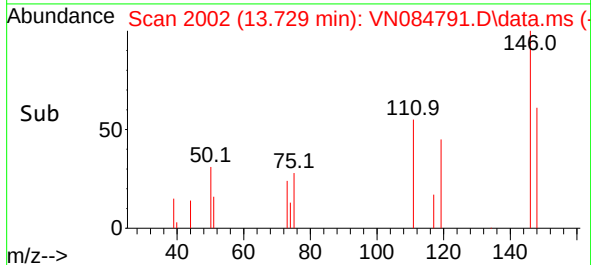
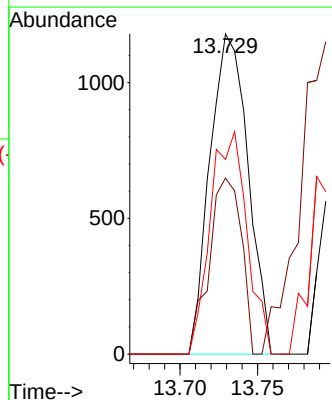
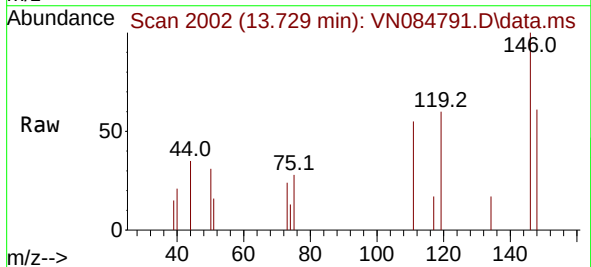
Instrument :
MSVOA_N
ClientSampleId :

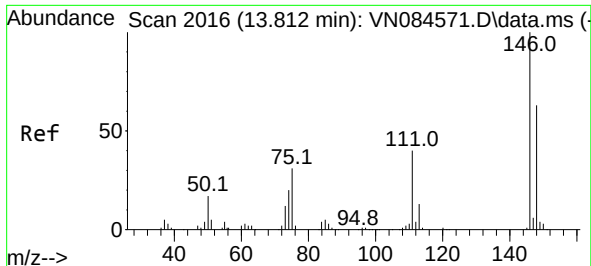
Tgt Ion: 91 Resp: 1956
Ion Ratio Lower Upper
91 100
126 28.1 15.7 47.1



#87
1,3-Dichlorobenzene
Concen: 0.462 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

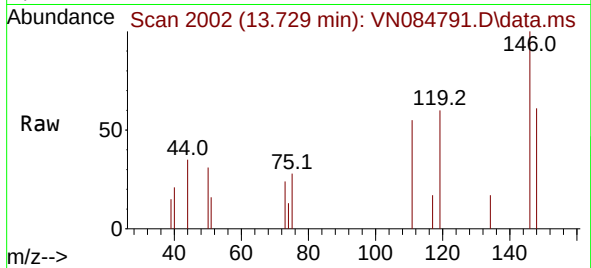
Tgt Ion: 146 Resp: 2019
Ion Ratio Lower Upper
146 100
111 46.4 21.8 65.3
148 66.7 31.9 95.7



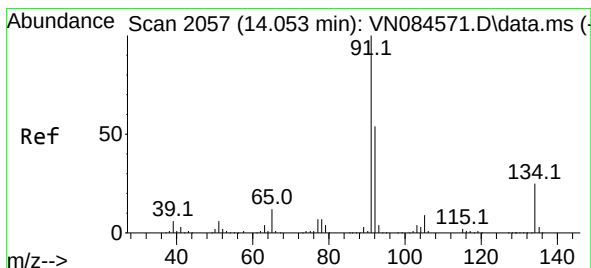
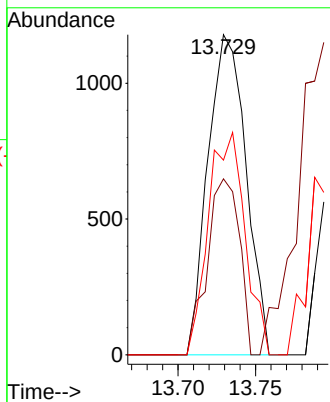
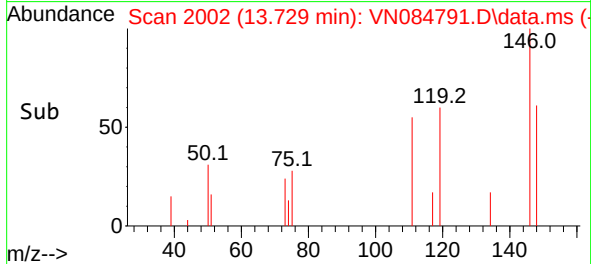


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.729 min Scan# 2019
Delta R.T. -0.083 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

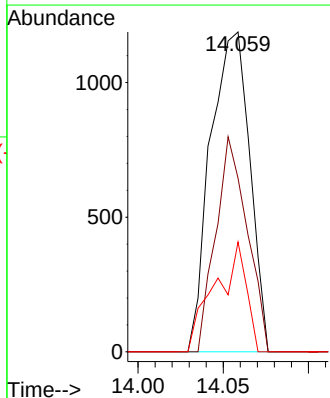
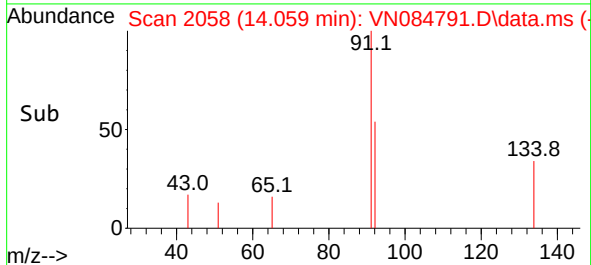
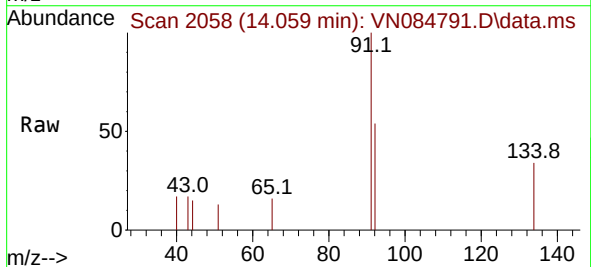


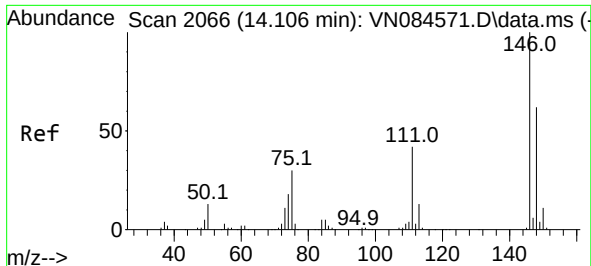
Tgt Ion:146 Resp: 2019
Ion Ratio Lower Upper
146 100
111 46.4 21.2 63.6
148 66.7 31.9 95.9



#89
n-Butylbenzene
Concen: 0.307 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Tgt Ion: 91 Resp: 1902
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 27.4 12.3 36.9





#91

1,2-Dichlorobenzene

Concen: 0.349 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN084791.D

Acq: 12 Nov 2024 13:13

Instrument :

MSVOA_N

ClientSampleId :

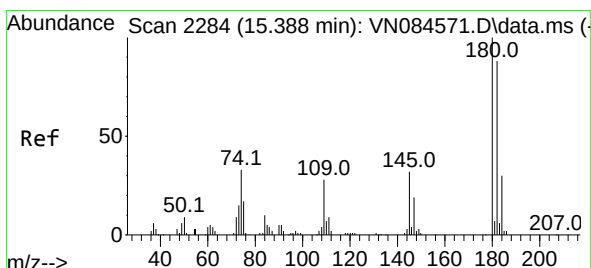
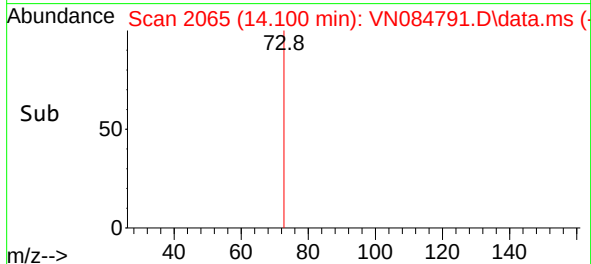
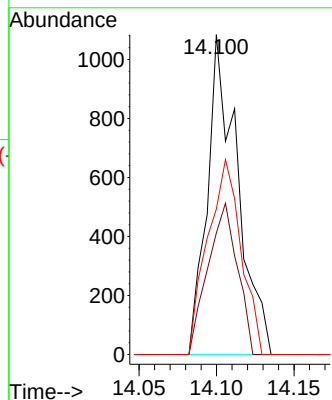
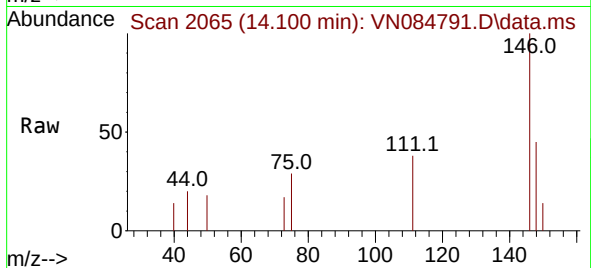
Tgt Ion:146 Resp: 1464

Ion Ratio Lower Upper

146 100

111 46.3 22.0 66.0

148 67.5 32.1 96.3



#93

1,2,4-Trichlorobenzene

Concen: 0.829 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

Lab File: VN084791.D

Acq: 12 Nov 2024 13:13

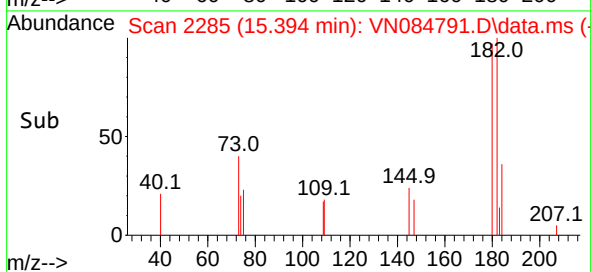
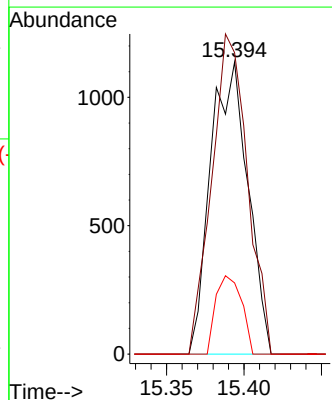
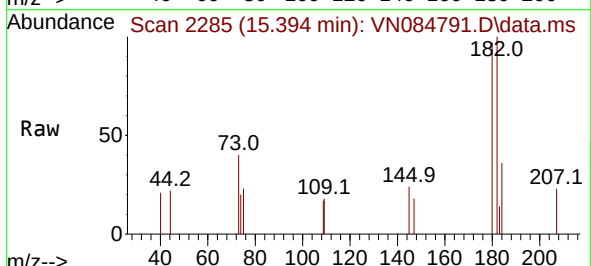
Tgt Ion:180 Resp: 1905

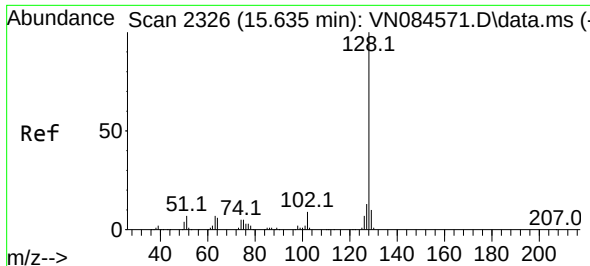
Ion Ratio Lower Upper

180 100

182 105.0 47.0 141.0

145 18.6 16.4 49.4

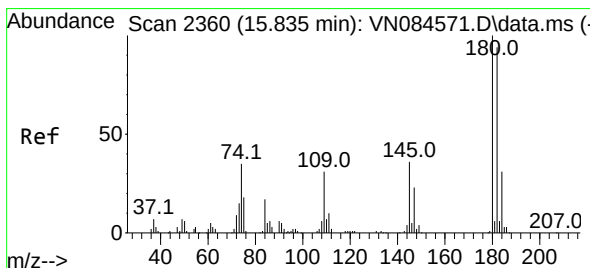
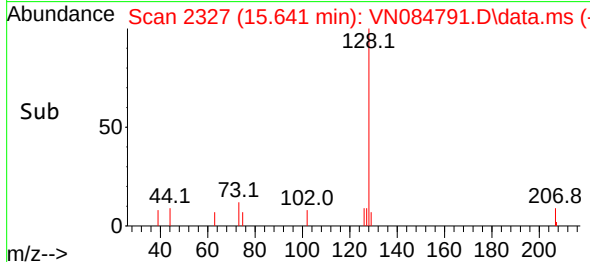
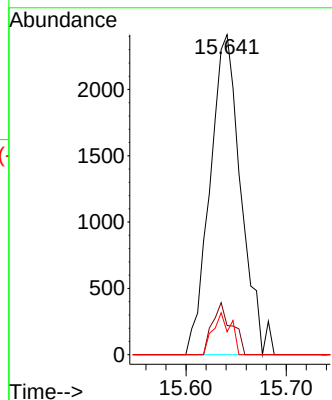
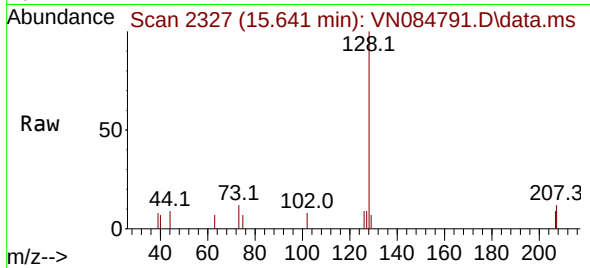




#95
Naphthalene
Concen: 0.752 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5169
Ion Ratio Lower Upper
128 100
127 10.3 10.5 15.7#
129 7.6 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.749 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN084791.D
Acq: 12 Nov 2024 13:13

Tgt Ion:180 Resp: 1670
Ion Ratio Lower Upper
180 100
182 88.6 48.2 144.6
145 31.4 17.3 51.9

