

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084554.D
 Acq On : 29 Oct 2024 10:59
 Operator : JC\MD
 Sample : VN1029WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 30 04:58:23 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)

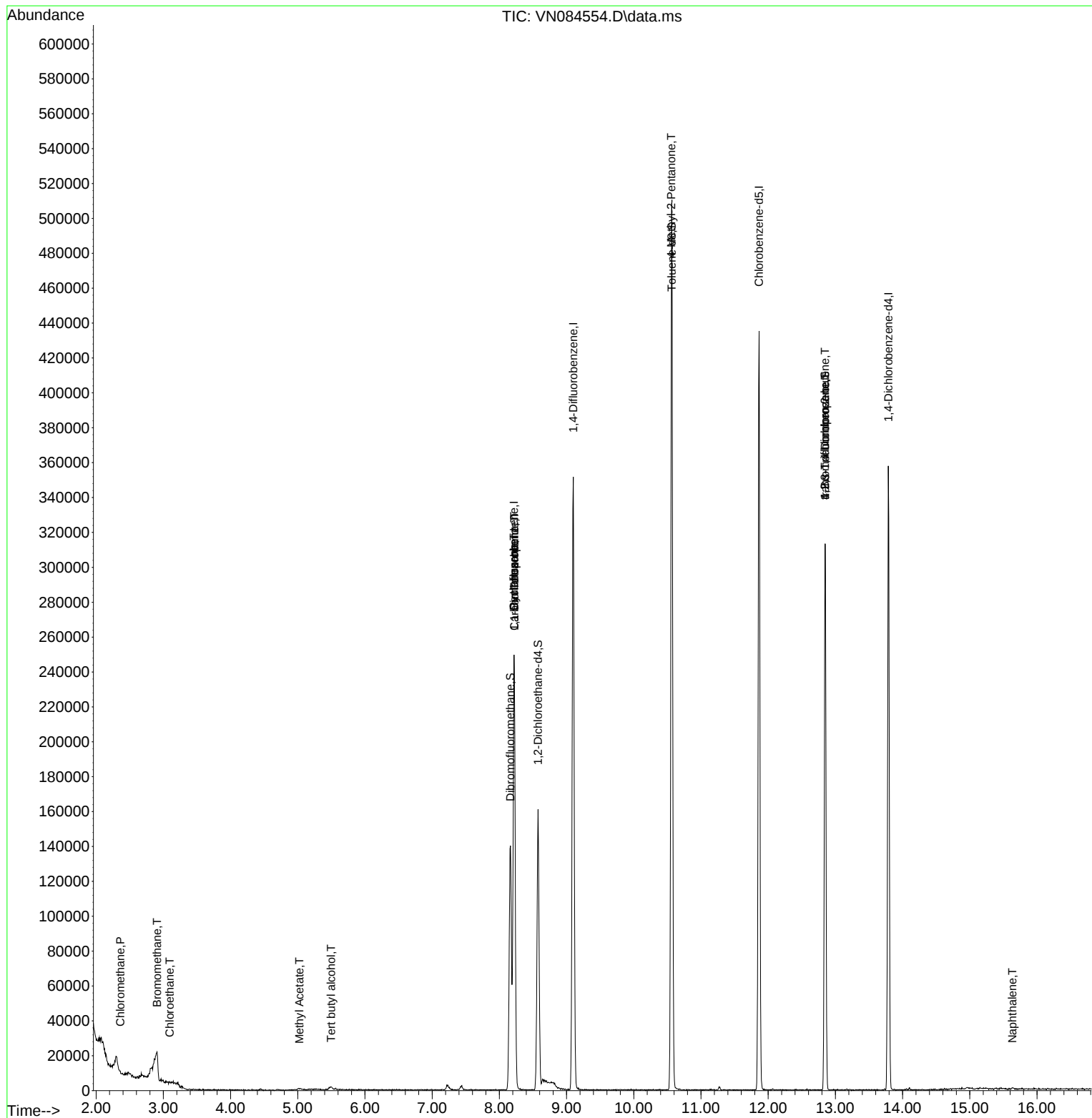
Internal Standards						
1) Pentafluorobenzene	8.218	168	172818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126644	49.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.840%
35) Dibromofluoromethane	8.165	113	101624	51.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.020%
50) Toluene-d8	10.565	98	346812	47.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.847	95	112106	42.391	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	510	0.219	ug/l #	41
5) Bromomethane	2.906	94	482	0.323	ug/l	86
6) Chloroethane	3.095	64	1278	0.789	ug/l	92
11) Tert butyl alcohol	5.494	59	1888	4.469	ug/l #	73
18) Methyl Acetate	5.024	43	1858	0.774	ug/l #	73
31) Cyclohexane	8.218	56	4014	1.058	ug/l #	3
36) 1,1-Dichloropropene	8.224	75	15519	5.415	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18724	5.956	ug/l #	15
51) 4-Methyl-2-Pentanone	10.559	43	1510	0.539	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57114	30.120	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57114	72.211	ug/l #	11
95) Naphthalene	15.635	128	1109	0.216	ug/l #	69

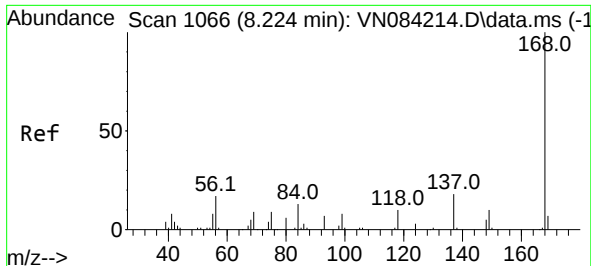
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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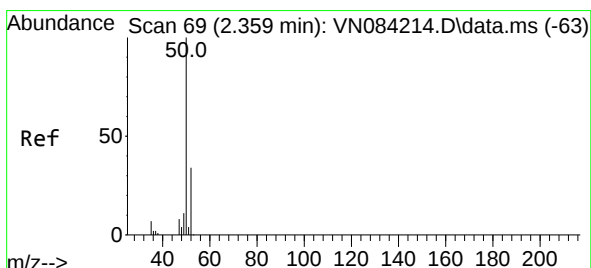
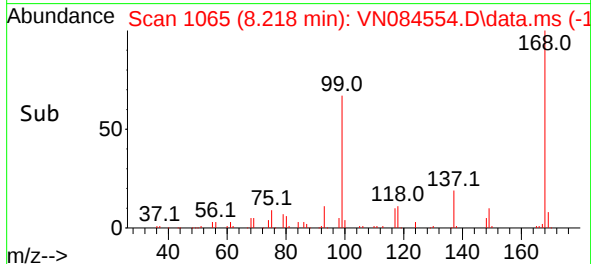
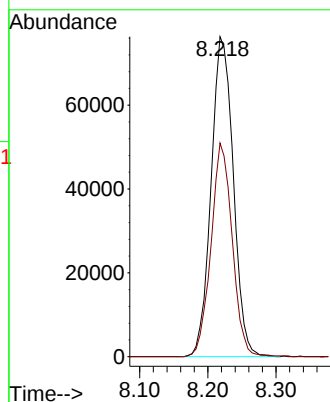
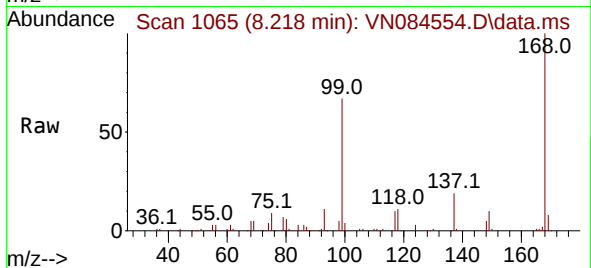




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

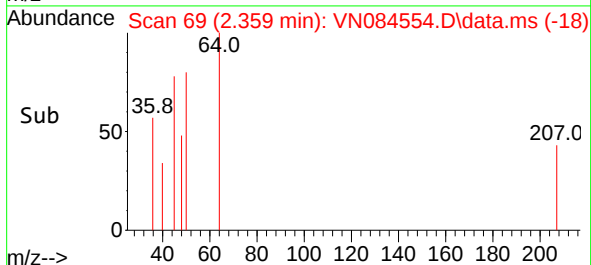
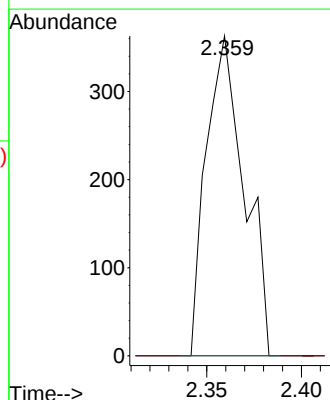
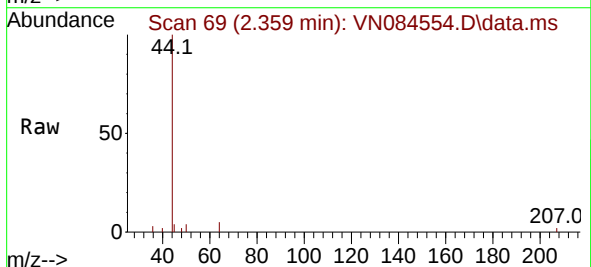
Instrument :
MSVOA_N
ClientSampleId :

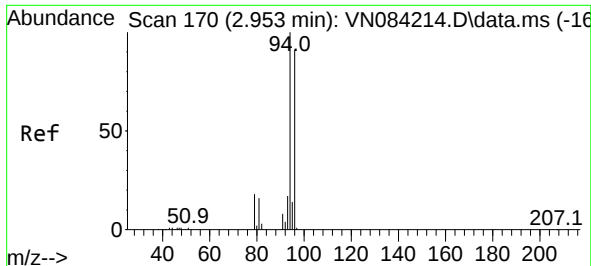
Tgt Ion:168 Resp: 172818
Ion Ratio Lower Upper
168 100
99 66.7 54.2 81.2



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

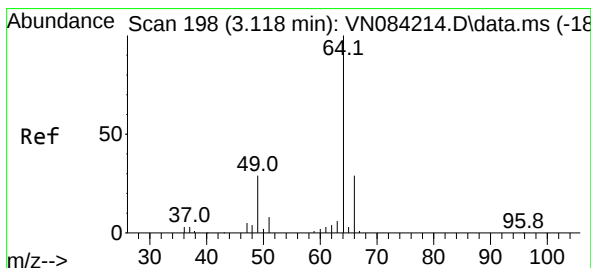
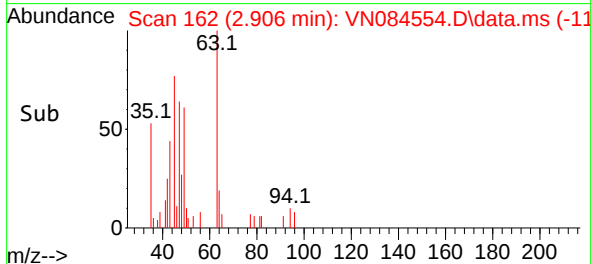
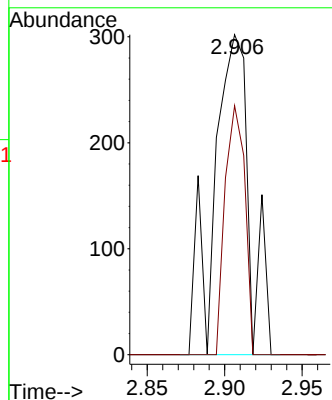
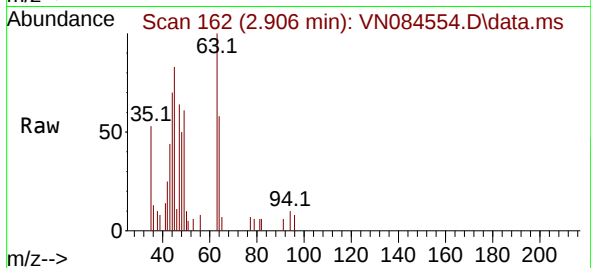




#5
Bromomethane
Concen: 0.323 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

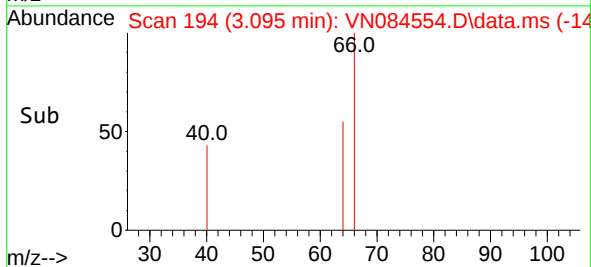
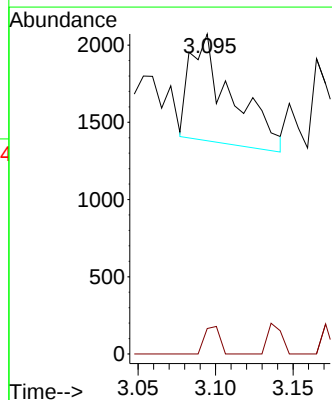
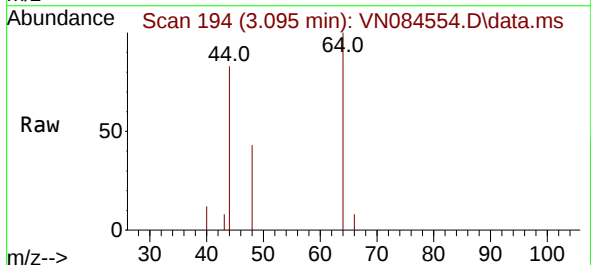
Instrument :
MSVOA_N
ClientSampleId :

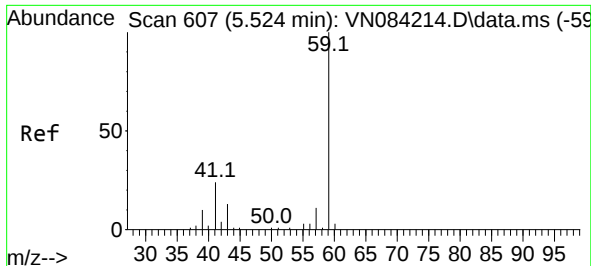
Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 77.8 72.9 109.3



#6
Chloroethane
Concen: 0.789 ug/l
RT: 3.095 min Scan# 194
Delta R.T. -0.024 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

Tgt Ion: 64 Resp: 1278
Ion Ratio Lower Upper
64 100
66 24.8 23.5 35.3

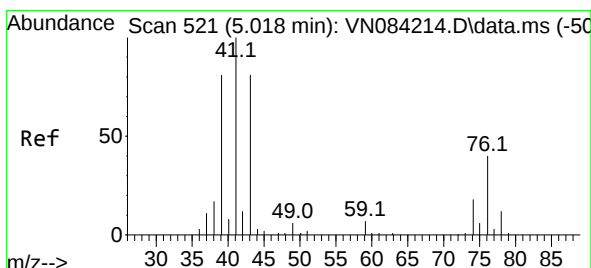
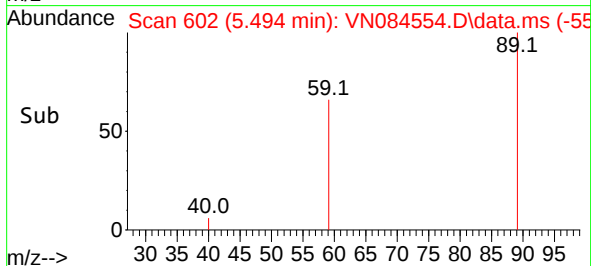
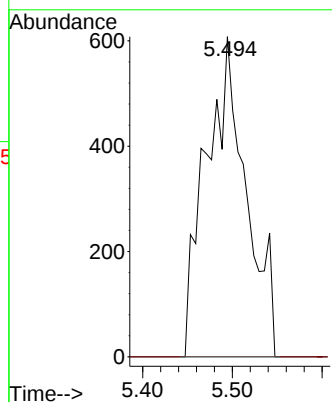
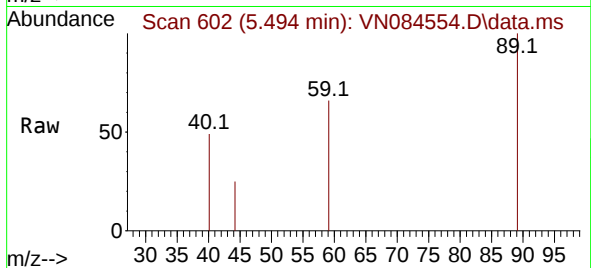




#11
Tert butyl alcohol
Concen: 4.469 ug/l
RT: 5.494 min Scan# 607
Delta R.T. -0.029 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

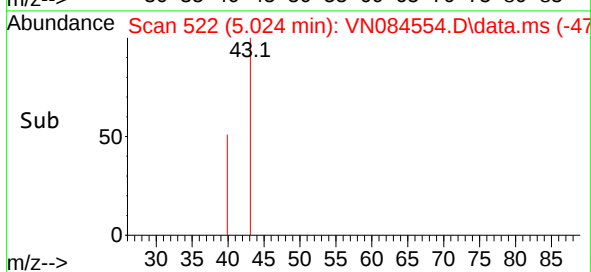
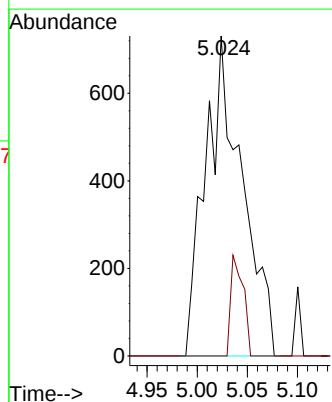
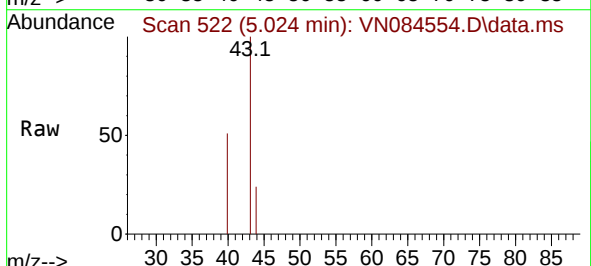
Instrument :
MSVOA_N
ClientSampleId :

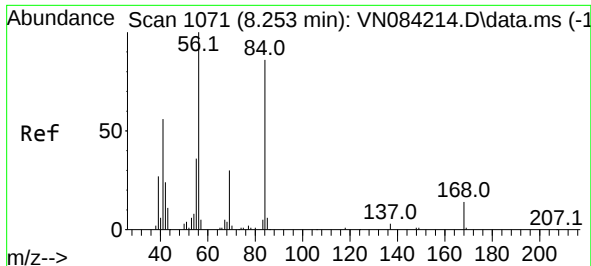
Tgt Ion: 59 Resp: 1888
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#18
Methyl Acetate
Concen: 0.774 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

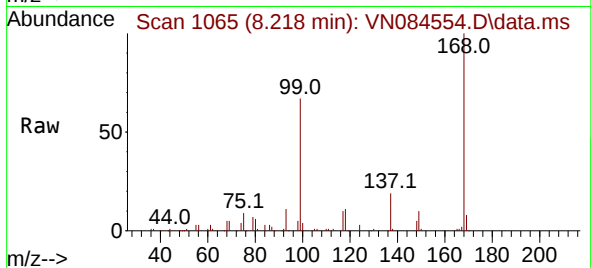
Tgt Ion: 43 Resp: 1858
Ion Ratio Lower Upper
43 100
74 10.7 19.2 28.8#



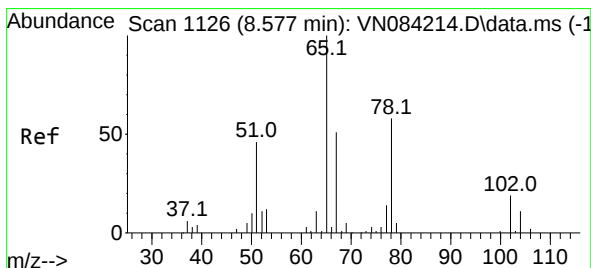
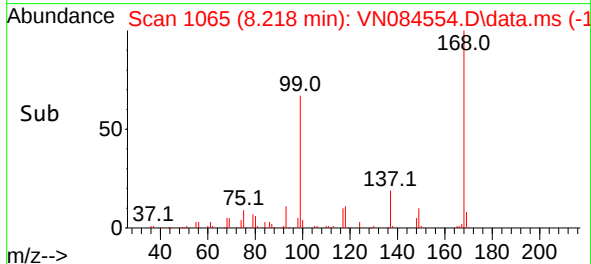
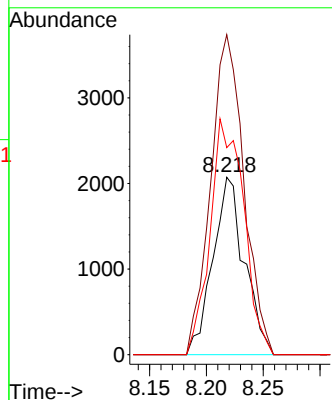


#31
Cyclohexane
Concen: 1.058 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :

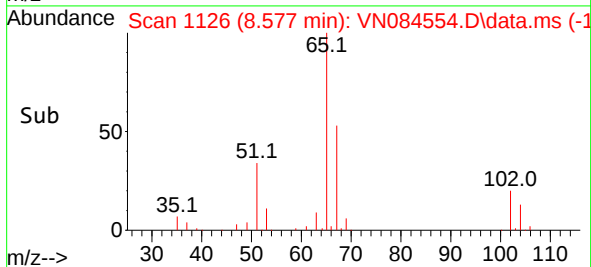
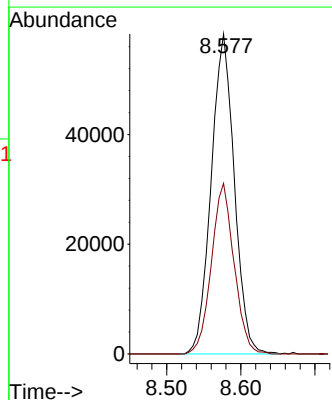
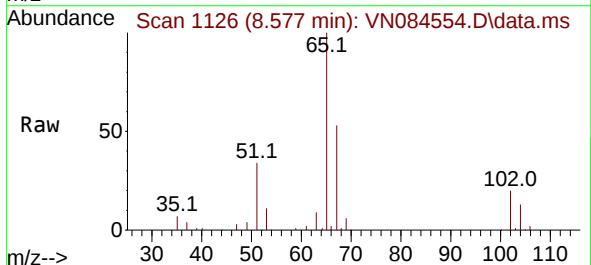


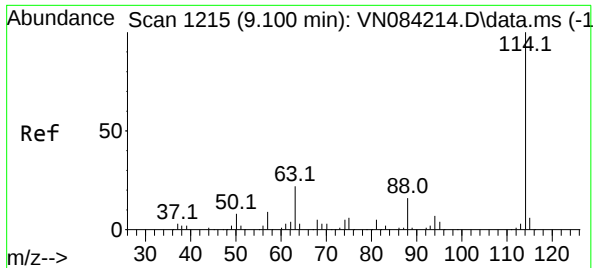
Tgt Ion: 56 Resp: 4014
Ion Ratio Lower Upper
56 100
69 180.3 23.8 35.6#
84 116.7 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.425 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

Tgt Ion: 65 Resp: 126644
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.0

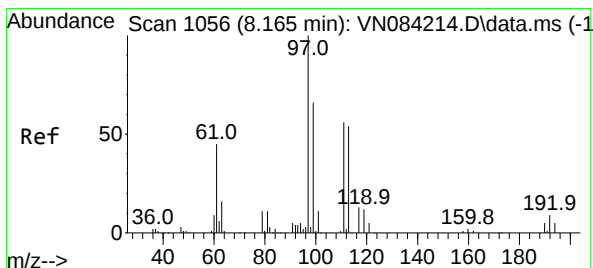
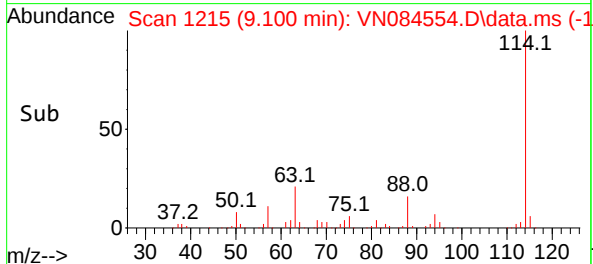
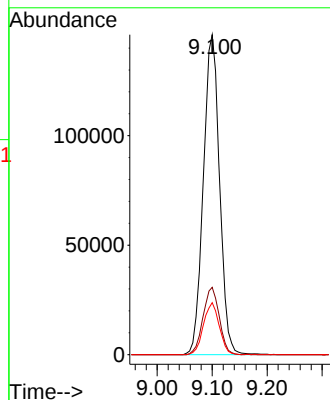
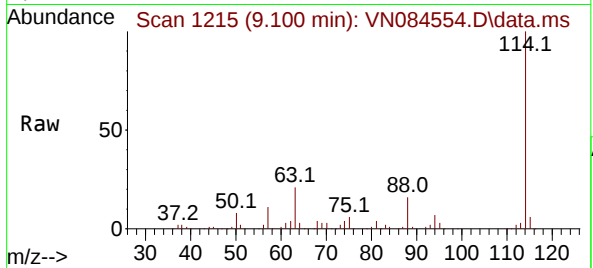




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

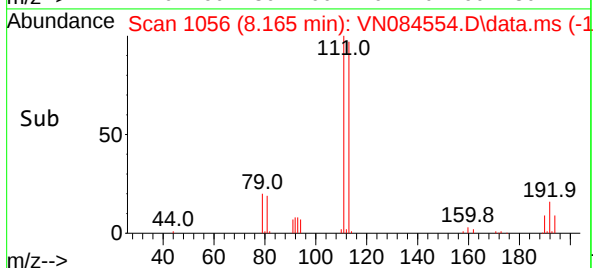
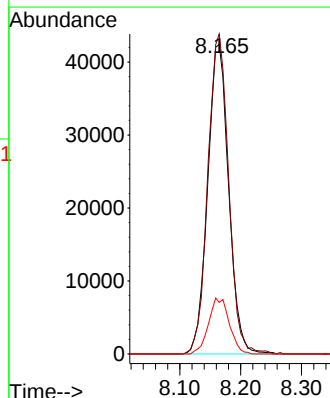
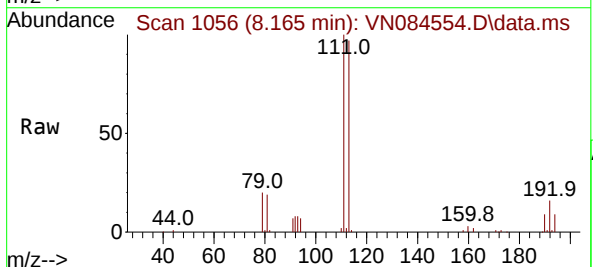
Instrument :
MSVOA_N
ClientSampleId :

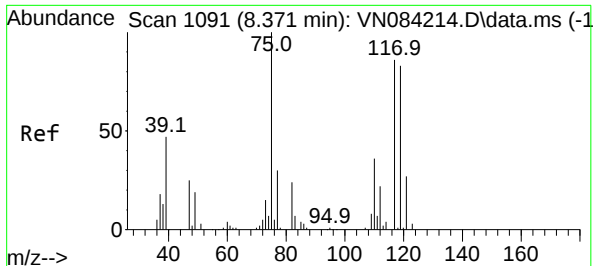
Tgt Ion:114 Resp: 299281
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.8
88 16.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.506 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

Tgt Ion:113 Resp: 101624
Ion Ratio Lower Upper
113 100
111 102.5 83.3 124.9
192 17.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.415 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084554.D

Acq: 29 Oct 2024 10:59

Instrument :

MSVOA_N

ClientSampleId :

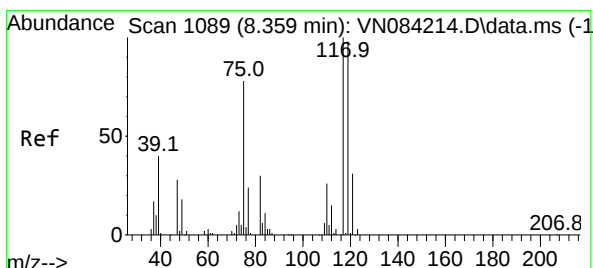
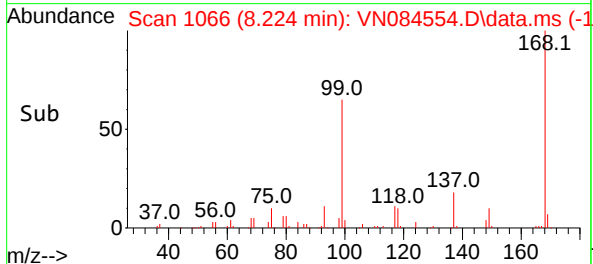
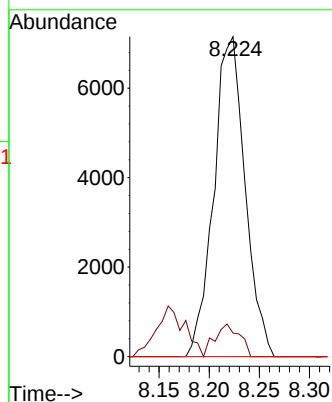
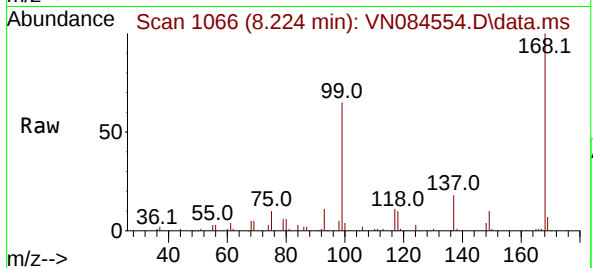
Tgt Ion: 75 Resp: 15519

Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.956 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084554.D

Acq: 29 Oct 2024 10:59

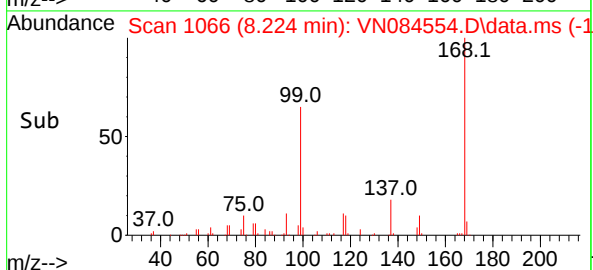
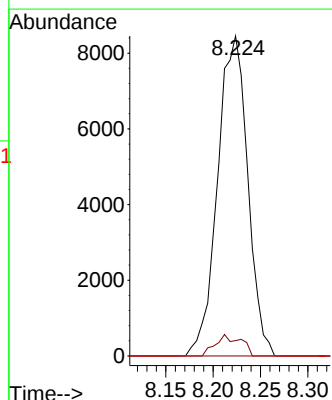
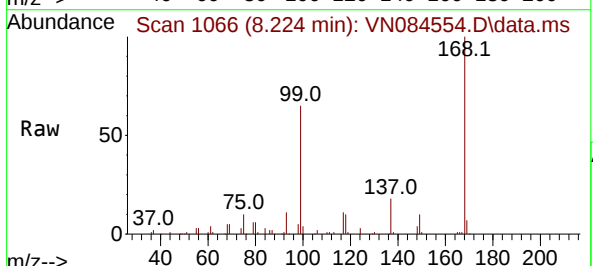
Tgt Ion: 117 Resp: 18724

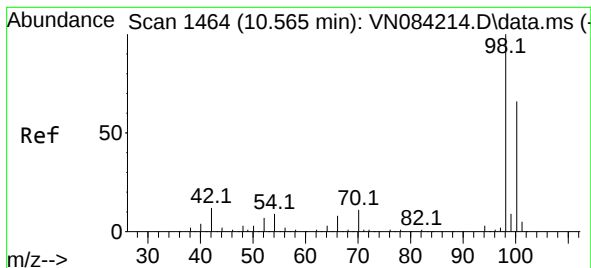
Ion Ratio Lower Upper

117 100

119 4.8 78.7 118.1#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.776 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084554.D

Acq: 29 Oct 2024 10:59

Instrument :

MSVOA_N

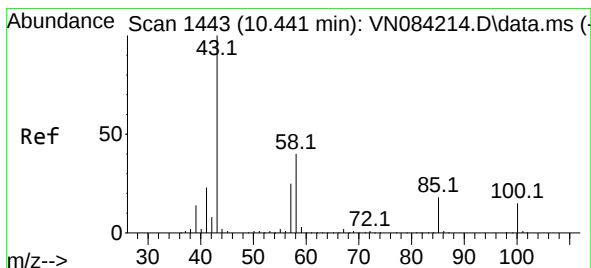
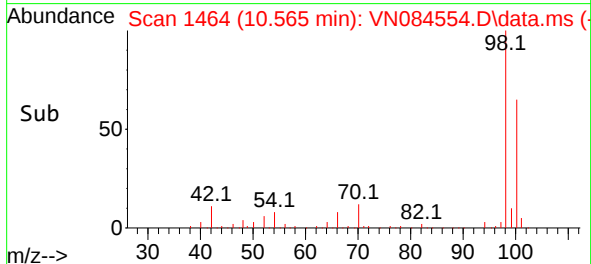
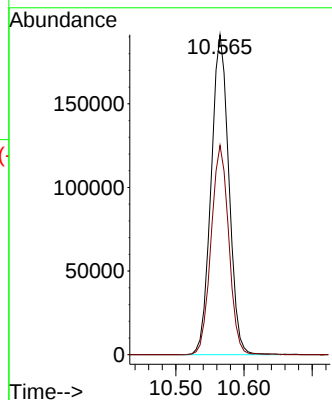
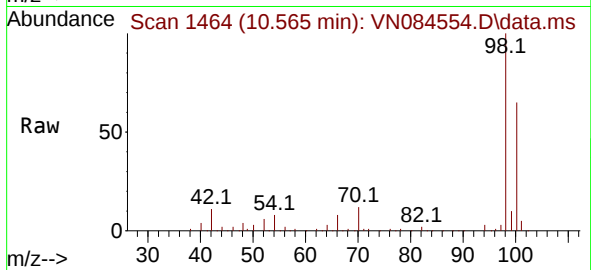
ClientSampleId :

Tgt Ion: 98 Resp: 346812

Ion Ratio Lower Upper

98 100

100 65.0 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.539 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.118 min

Lab File: VN084554.D

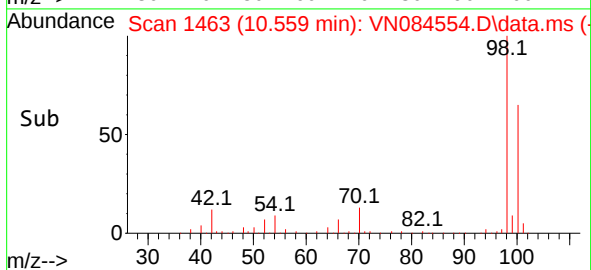
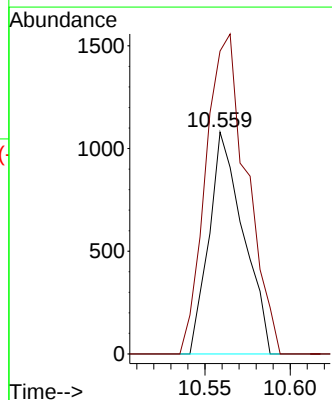
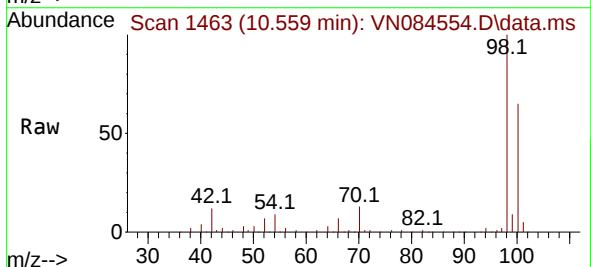
Acq: 29 Oct 2024 10:59

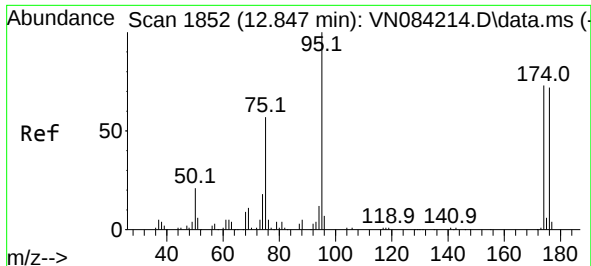
Tgt Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

58 172.8 31.6 47.4#

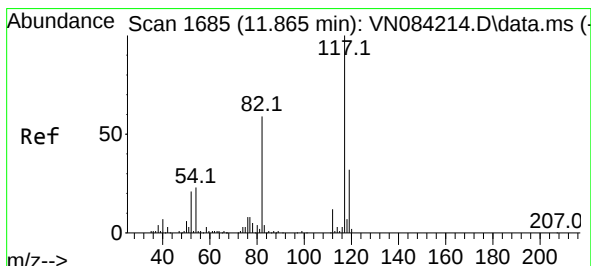
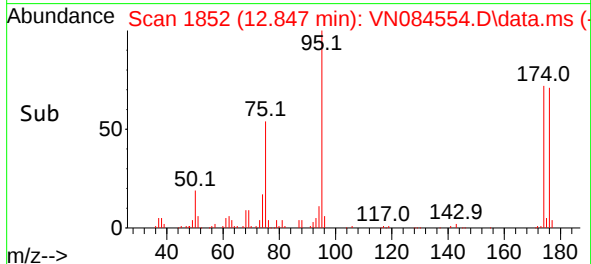
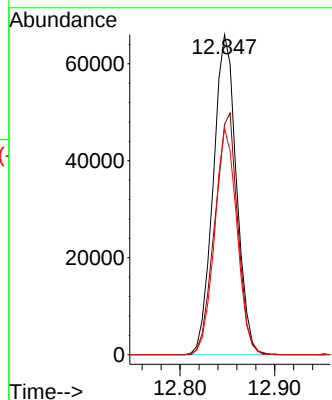
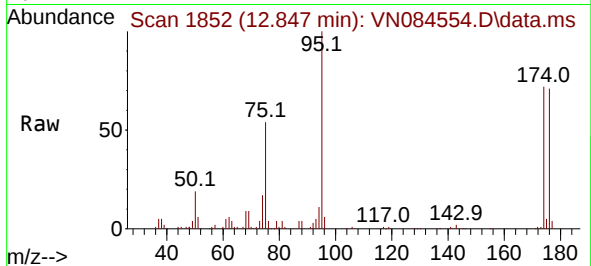




#62
4-Bromofluorobenzene
Concen: 42.391 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

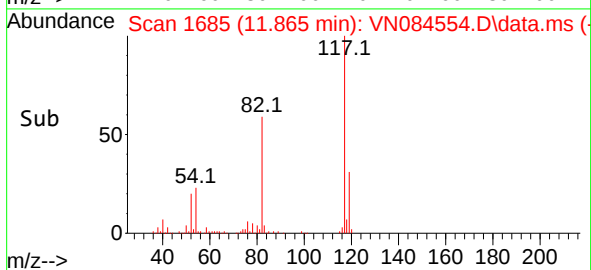
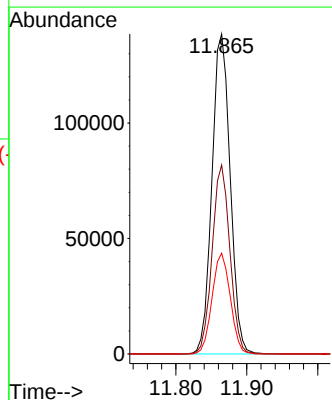
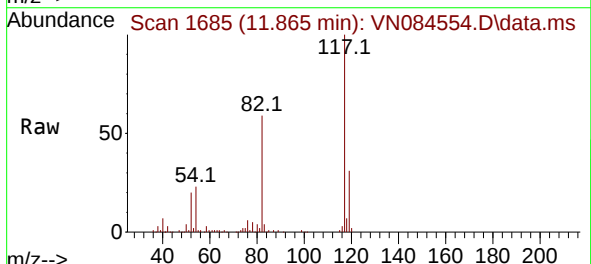
Instrument :
MSVOA_N
ClientSampleId :

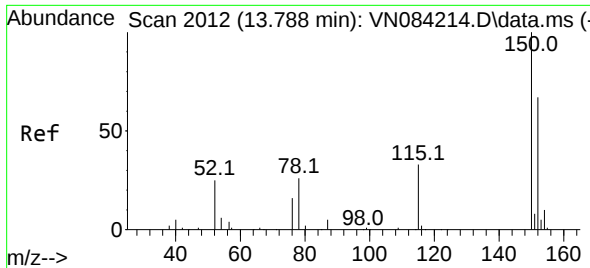
Tgt Ion: 95 Resp: 112106
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 68.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

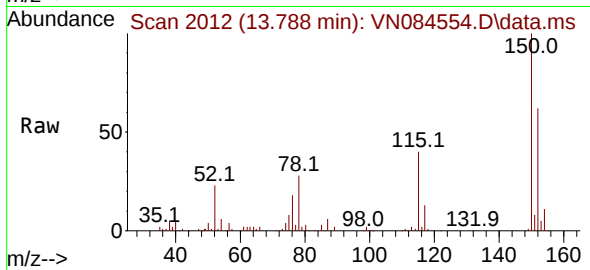
Tgt Ion: 117 Resp: 246662
Ion Ratio Lower Upper
117 100
82 59.0 47.2 70.8
119 31.5 25.4 38.0



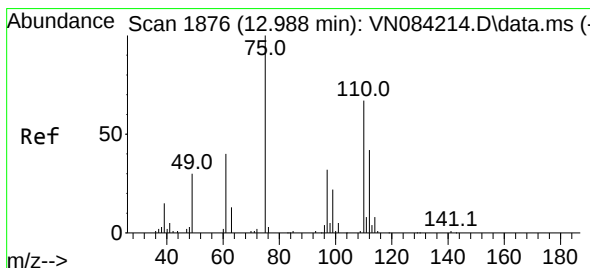
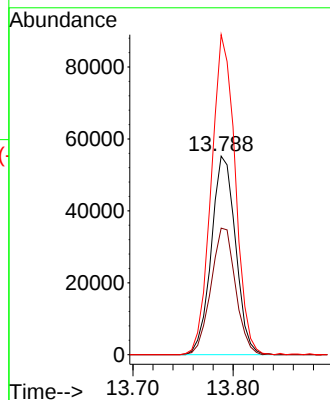
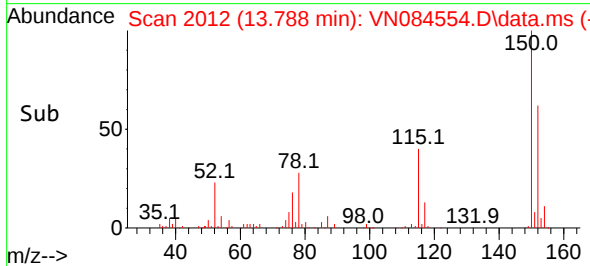


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084554.D
 Acq: 29 Oct 2024 10:59

Instrument :
 MSVOA_N
 ClientSampleId :

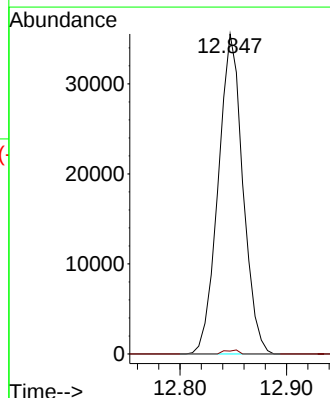
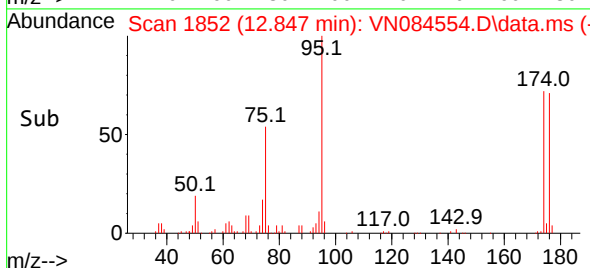
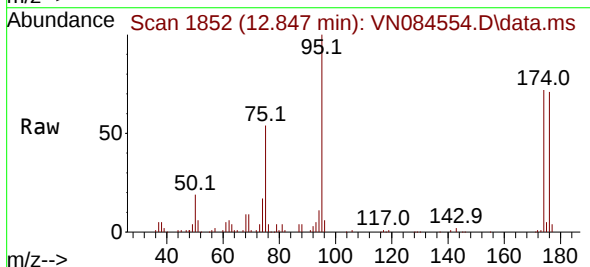


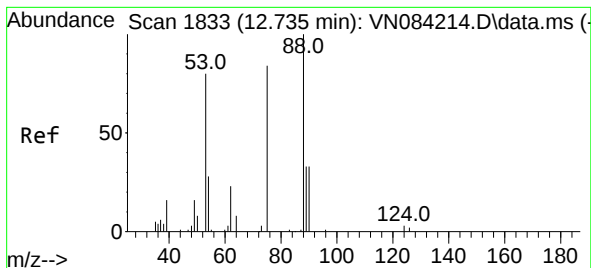
Tgt Ion:152 Resp: 92882
 Ion Ratio Lower Upper
 152 100
 115 64.7 31.3 93.9
 150 158.8 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.120 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084554.D
 Acq: 29 Oct 2024 10:59

Tgt Ion: 75 Resp: 57114
 Ion Ratio Lower Upper
 75 100
 77 0.7 96.9 290.7#

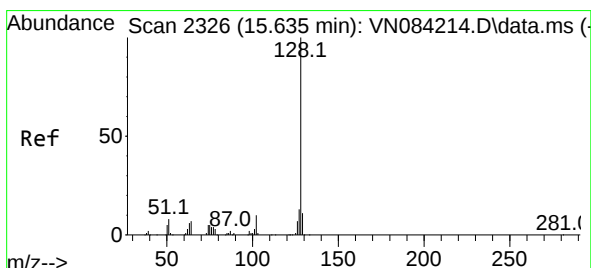
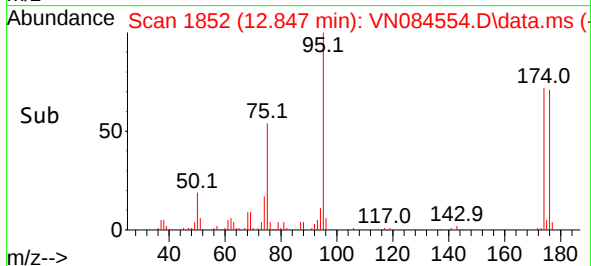
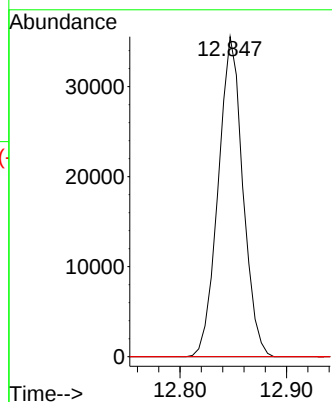
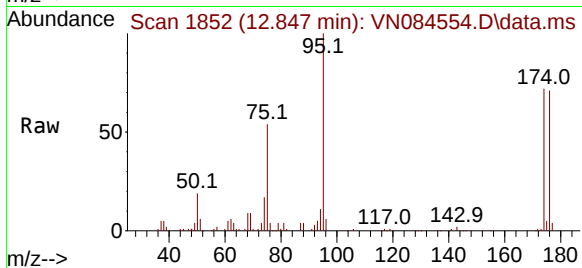




#81
trans-1,4-Dichloro-2-butene
Concen: 72.211 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 57114
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 0.216 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN084554.D
Acq: 29 Oct 2024 10:59

Tgt Ion:128 Resp: 1109
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

