

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084110.D
 Acq On : 23 Sep 2024 15:29
 Operator : JC\MD
 Sample : P4003-12DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912DL

Quant Time: Sep 24 01:33:15 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)

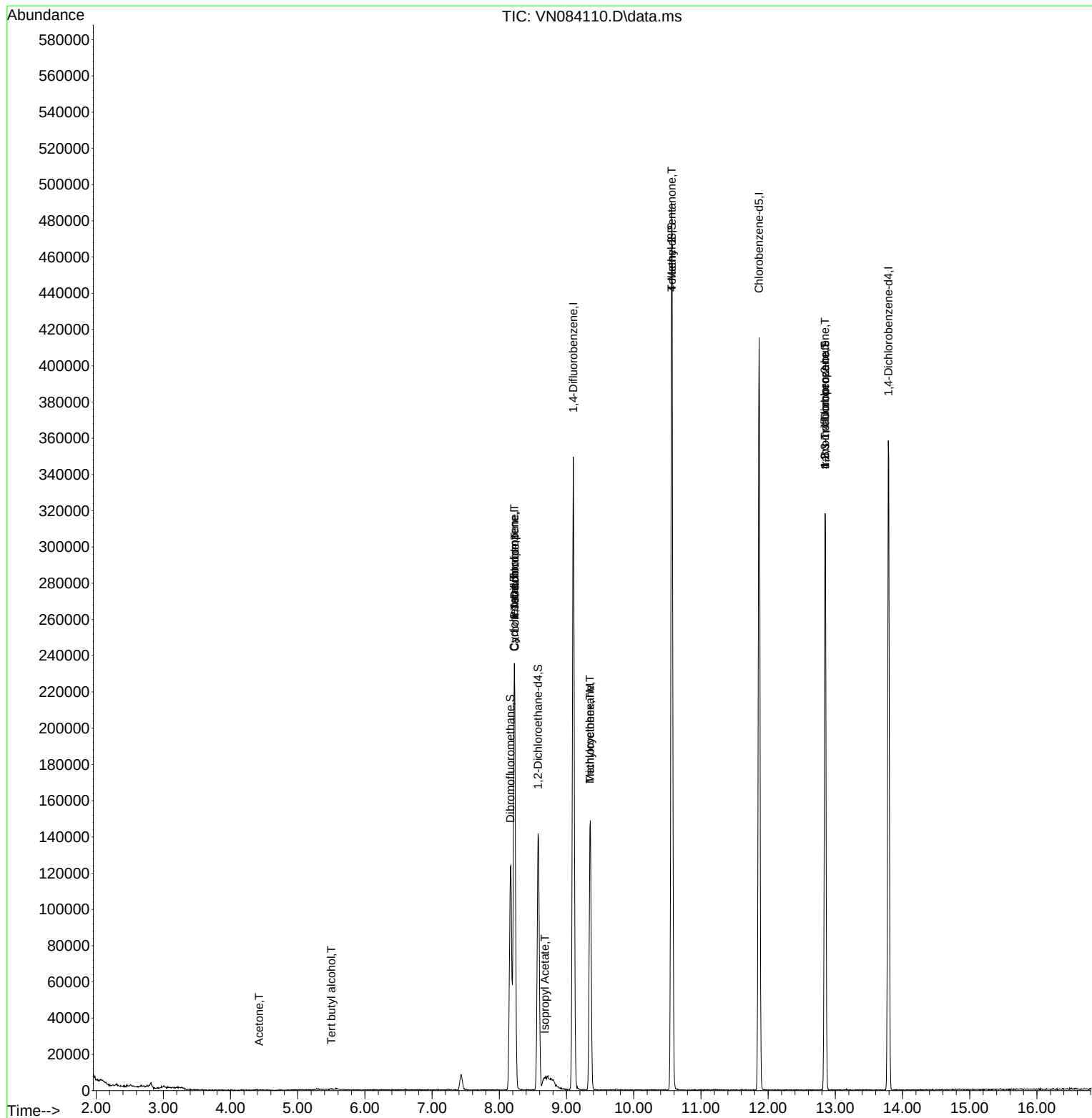
Internal Standards						
1) Pentafluorobenzene	8.224	168	156645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121249	51.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.660%	
35) Dibromofluoromethane	8.165	113	91689	51.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.820%	
50) Toluene-d8	10.565	98	323972	52.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	12.847	95	111797	43.946	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	274	Below Cal	#	41
11) Tert butyl alcohol	5.500	59	147	0.465	ug/l #	71
16) Acetone	4.424	43	204	0.215	ug/l #	45
18) Methyl Acetate	5.036	43	160	Below Cal	#	52
31) Cyclohexane	8.218	56	4230	1.239	ug/l #	9
36) 1,1-Dichloropropene	8.224	75	14444	5.380	ug/l #	50
38) Carbon Tetrachloride	8.230	117	17999	5.910	ug/l #	16
39) Methylcyclohexane	9.347	83	688	0.225	ug/l #	1
43) Isopropyl Acetate	8.677	43	7626	1.727	ug/l #	57
44) Trichloroethene	9.347	130	52670	28.148	ug/l	97
51) 4-Methyl-2-Pentanone	10.565	43	1336	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	62729	33.492	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	62729	87.717	ug/l #	9

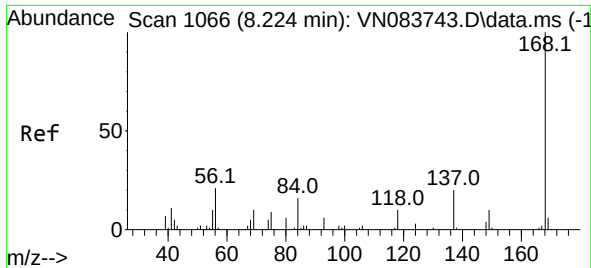
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 24 01:33:15 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

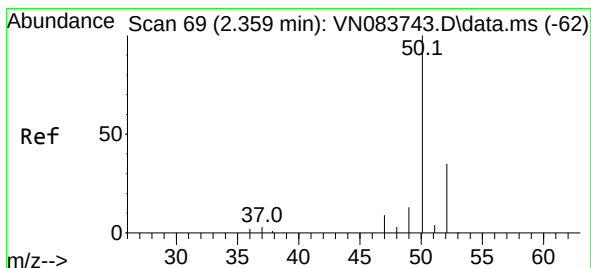
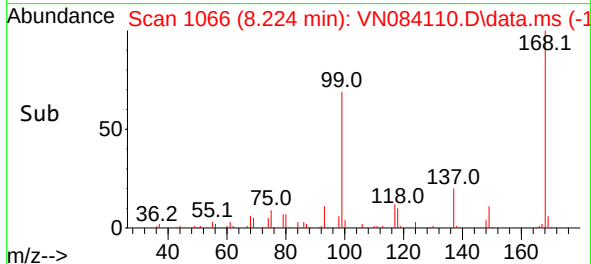
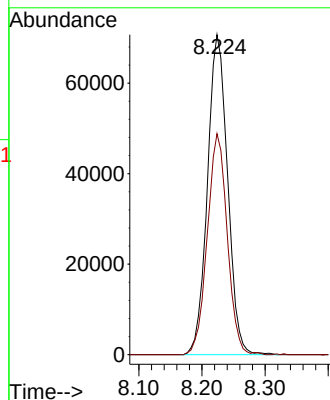
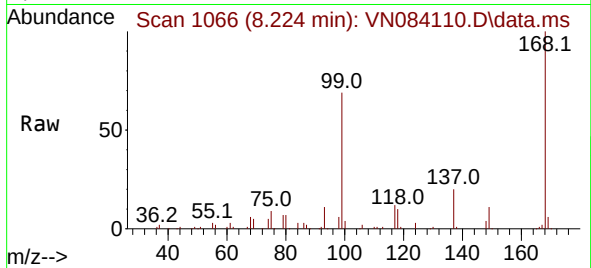




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

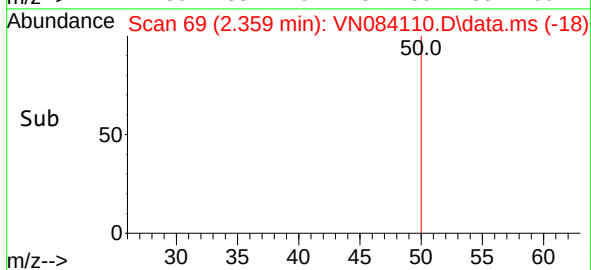
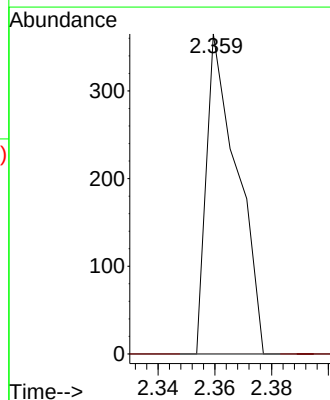
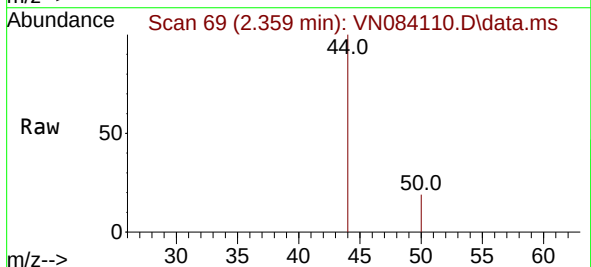
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912DL

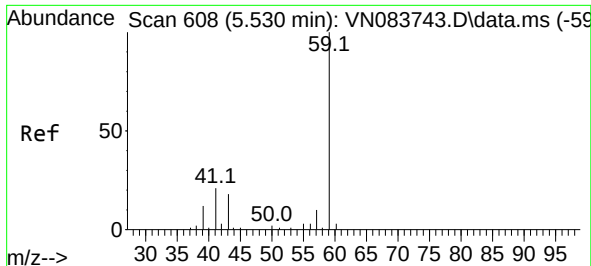
Tgt Ion:168 Resp: 156645
Ion Ratio Lower Upper
168 100
99 69.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion: 50 Resp: 274
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

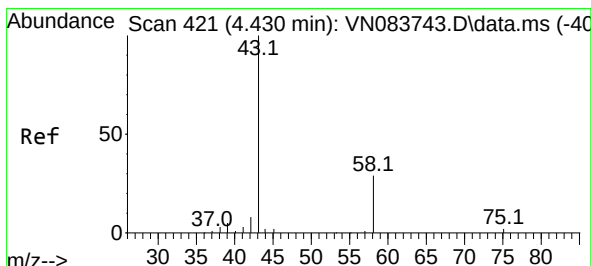
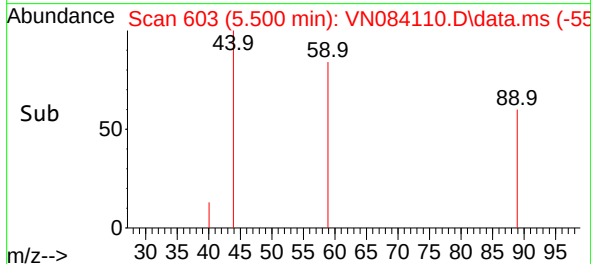
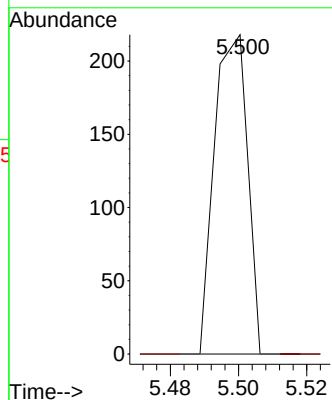
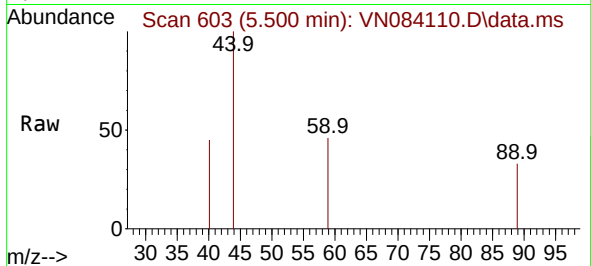




#11
Tert butyl alcohol
Concen: 0.465 ug/l
RT: 5.500 min Scan# 608
Delta R.T. -0.029 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

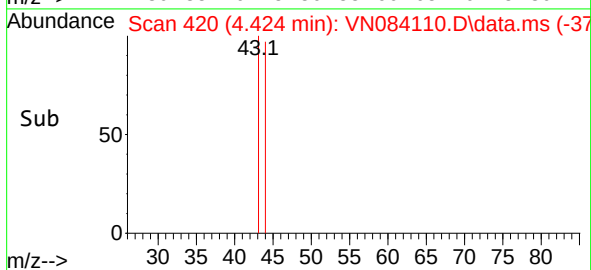
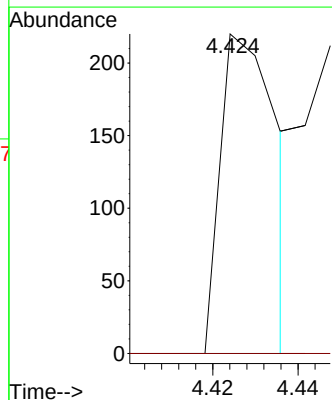
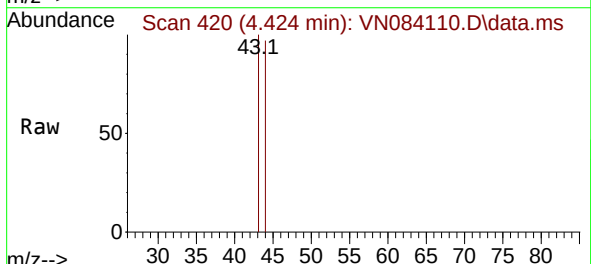
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912DL

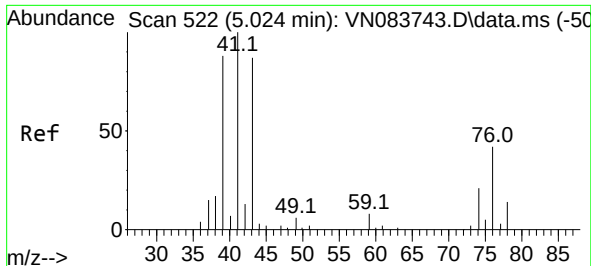
Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 0.215 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#

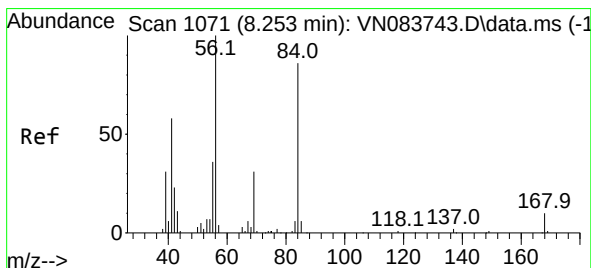
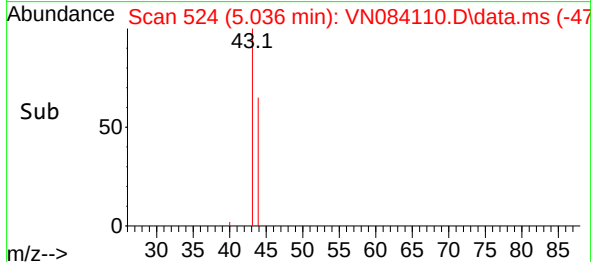
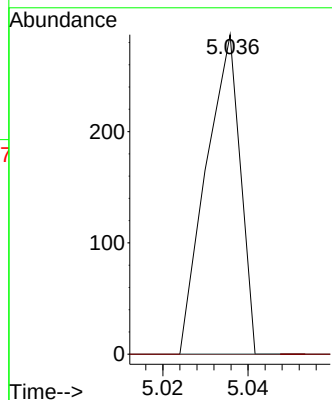
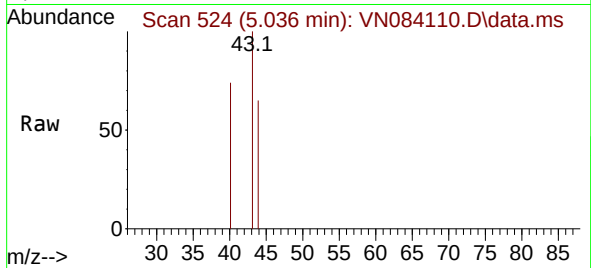




#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

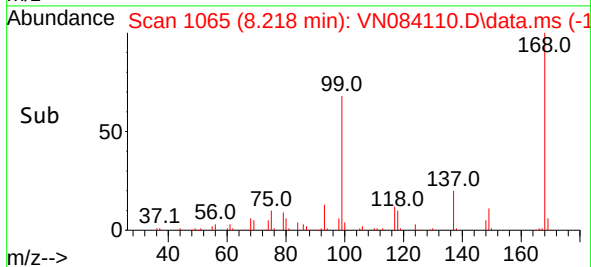
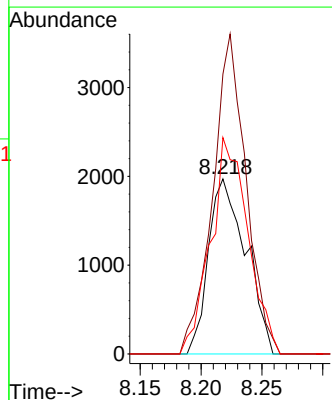
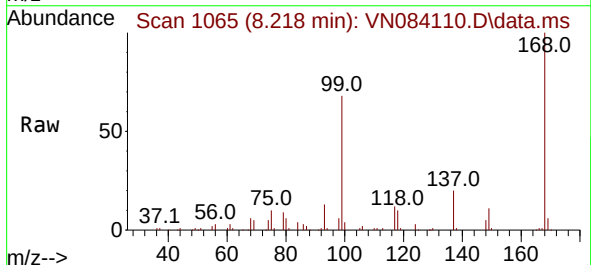
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912DL

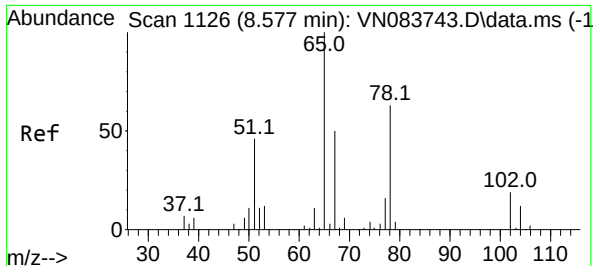
Tgt Ion: 43 Resp: 160
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion: 56 Resp: 4230
Ion Ratio Lower Upper
56 100
69 159.9 26.9 40.3#
84 123.6 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 51.334 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084110.D

Acq: 23 Sep 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

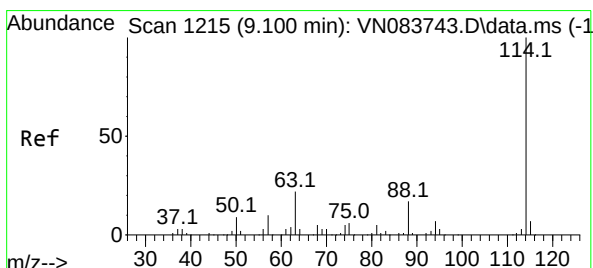
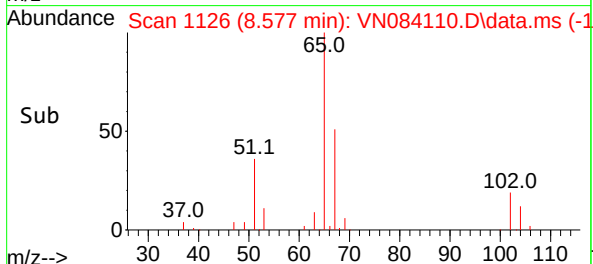
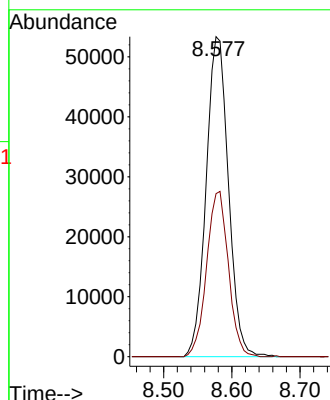
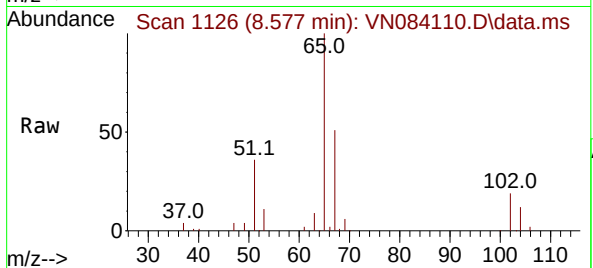
RE103D2-20240912DL

Tgt Ion: 65 Resp: 121249

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN084110.D

Acq: 23 Sep 2024 15:29

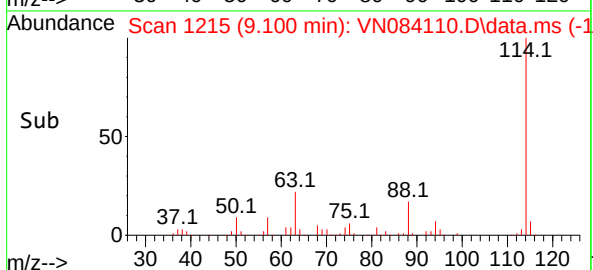
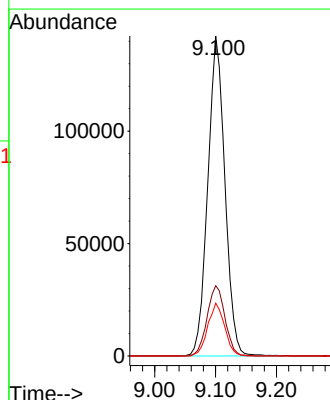
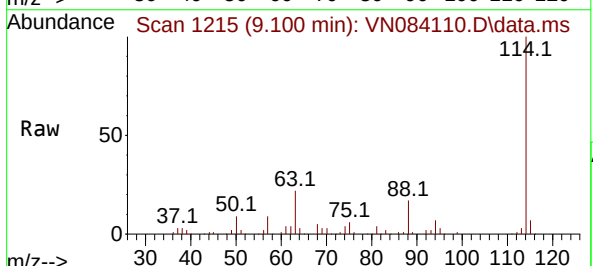
Tgt Ion: 114 Resp: 278606

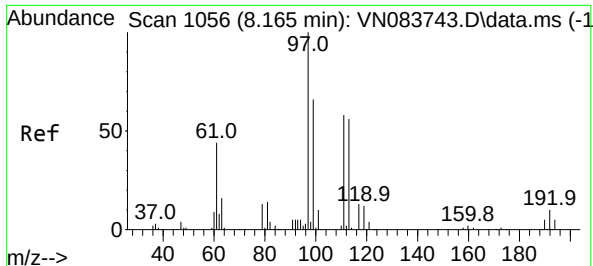
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.4

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.407 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084110.D

Acq: 23 Sep 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

RE103D2-20240912DL

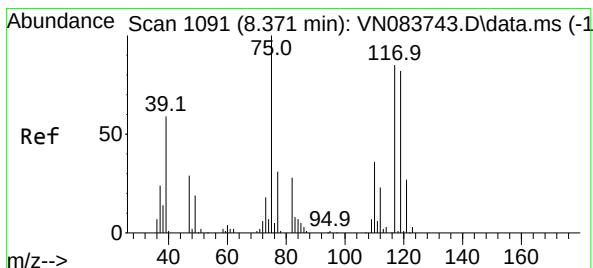
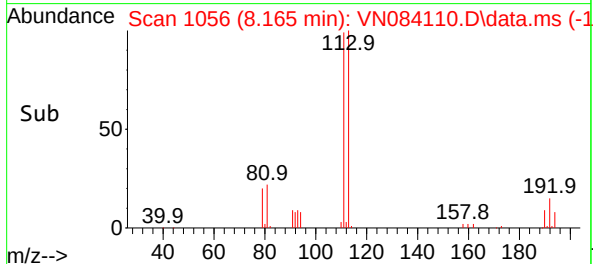
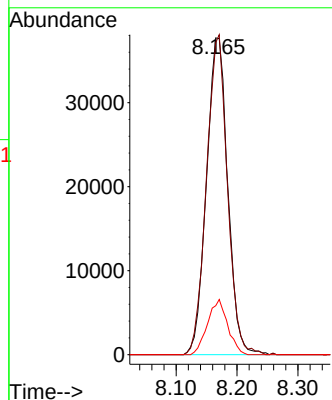
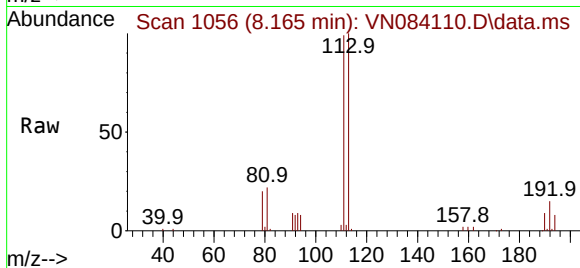
Tgt Ion:113 Resp: 91689

Ion Ratio Lower Upper

113 100

111 99.1 82.6 124.0

192 16.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.380 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084110.D

Acq: 23 Sep 2024 15:29

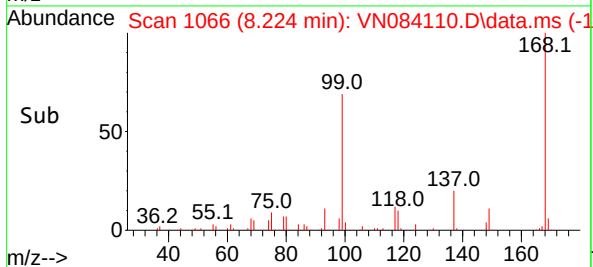
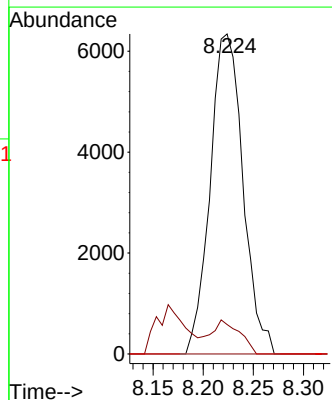
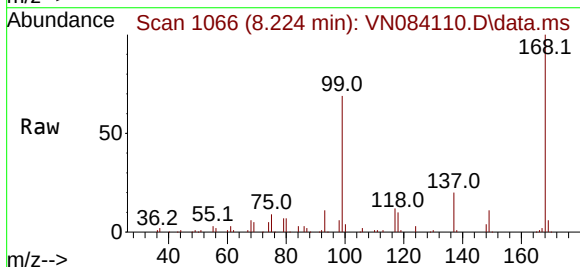
Tgt Ion: 75 Resp: 14444

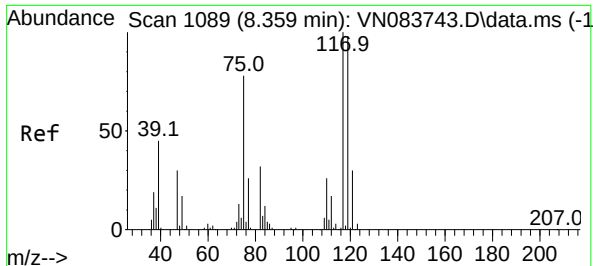
Ion Ratio Lower Upper

75 100

110 8.7 16.7 50.1#

77 0.0 25.2 37.8#

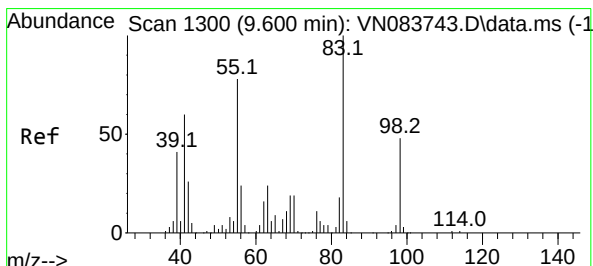
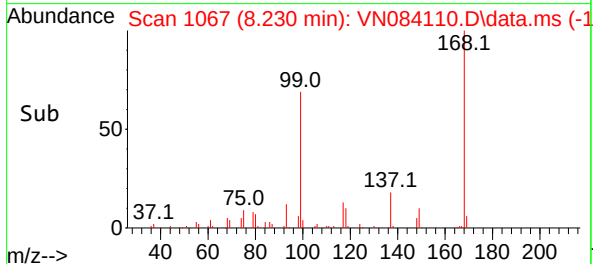
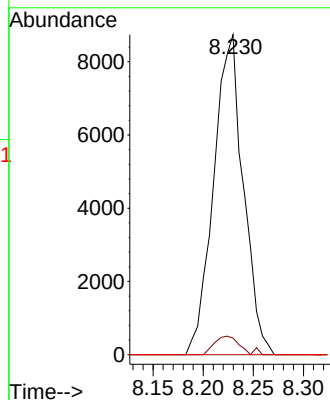
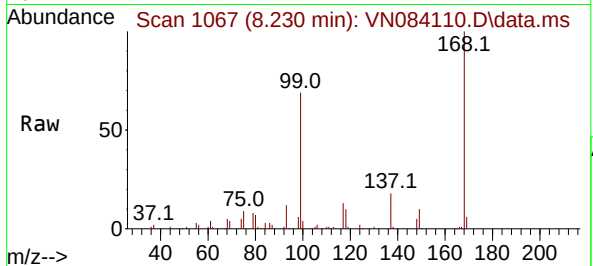




#38
Carbon Tetrachloride
Concen: 5.910 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.129 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

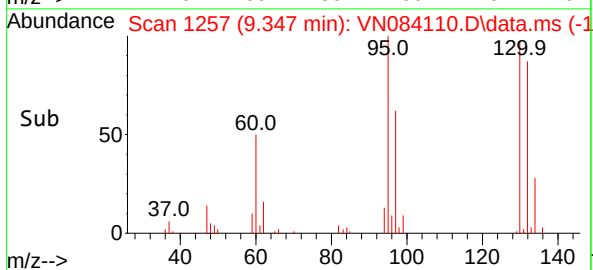
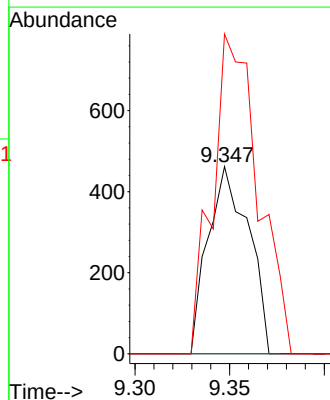
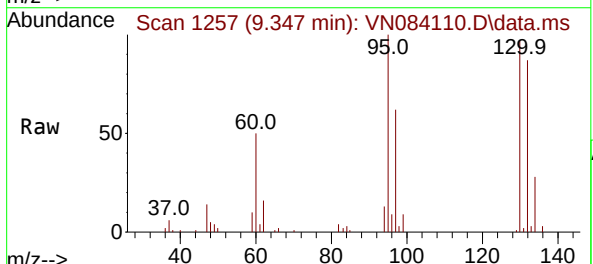
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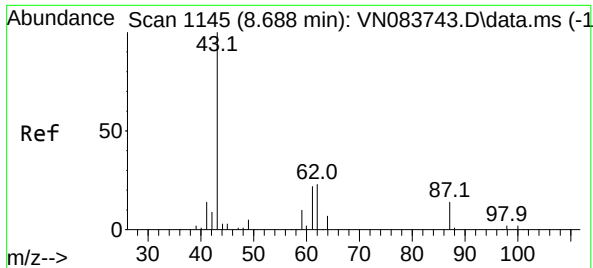
Tgt Ion: 117 Resp: 17999
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.225 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.253 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion: 83 Resp: 688
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.4#
98 170.8 37.6 56.4#

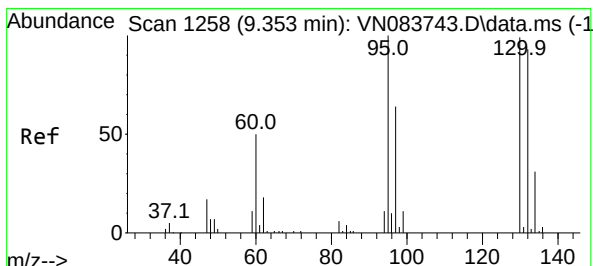
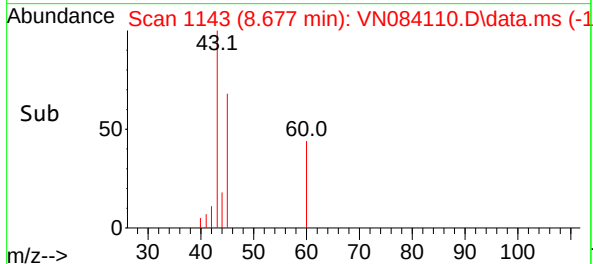
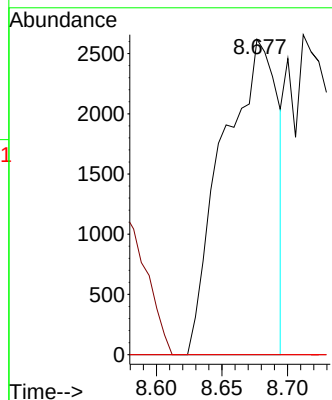
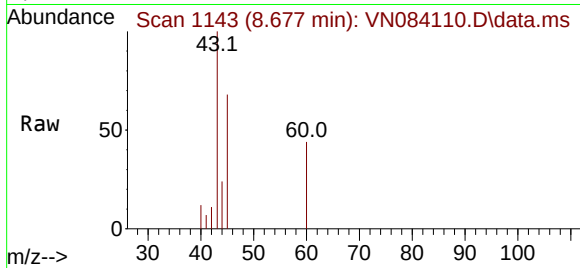




#43
Isopropyl Acetate
Concen: 1.727 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

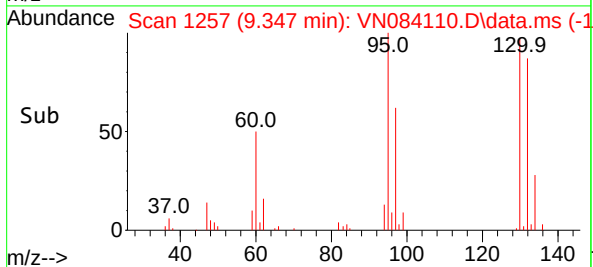
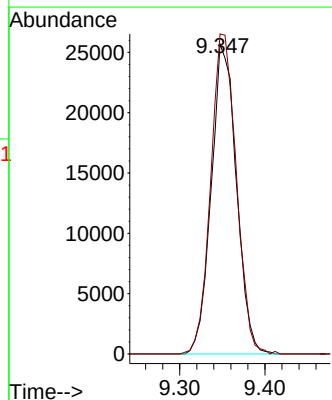
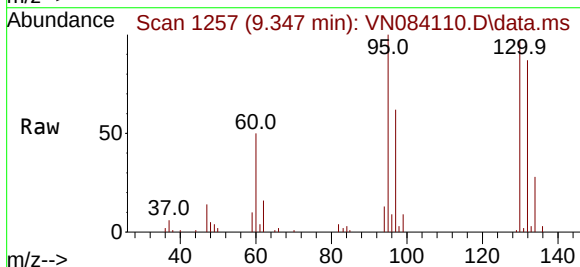
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912DL

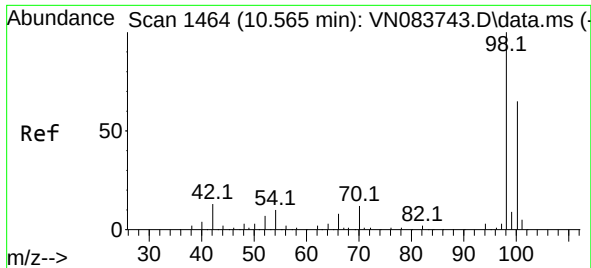
Tgt Ion: 43 Resp: 7626
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 28.148 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion:130 Resp: 52670
Ion Ratio Lower Upper
130 100
95 103.2 0.0 200.4

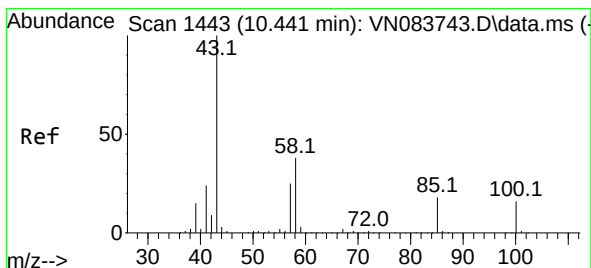
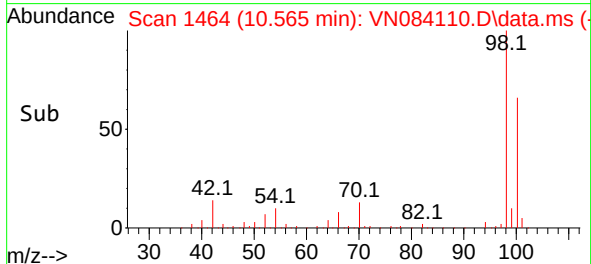
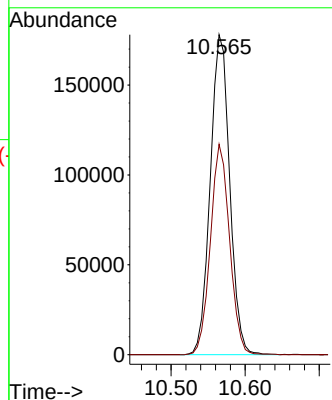
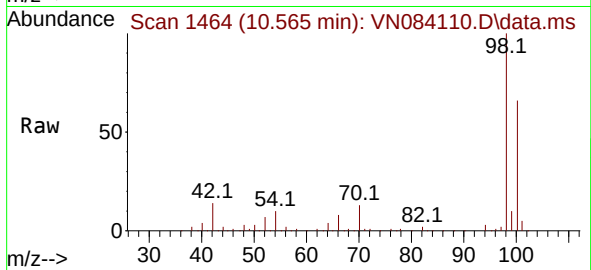




#50
Toluene-d8
Concen: 52.542 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

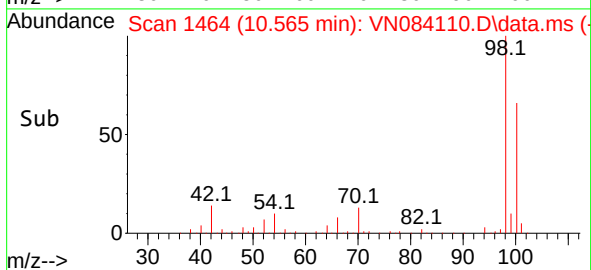
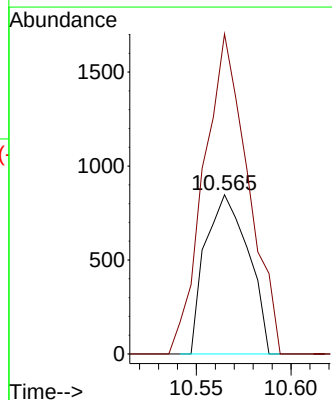
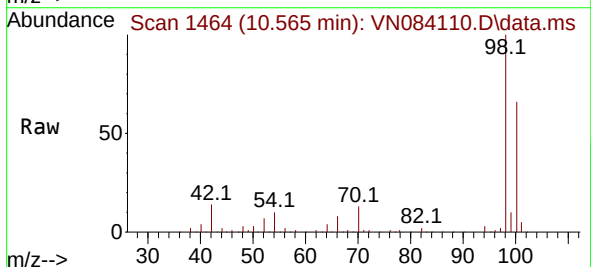
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912DL

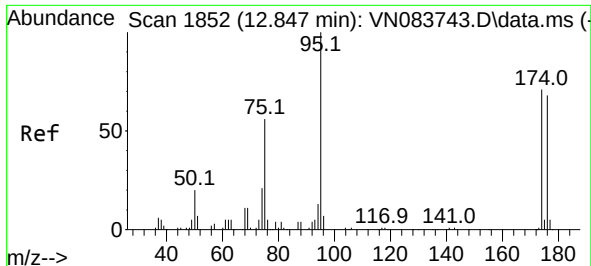
Tgt Ion: 98 Resp: 323972
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion: 43 Resp: 1336
Ion Ratio Lower Upper
43 100
58 206.4 31.6 47.4#

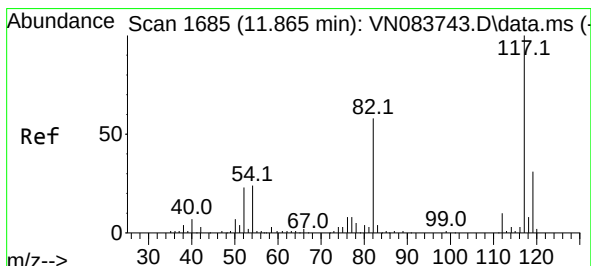
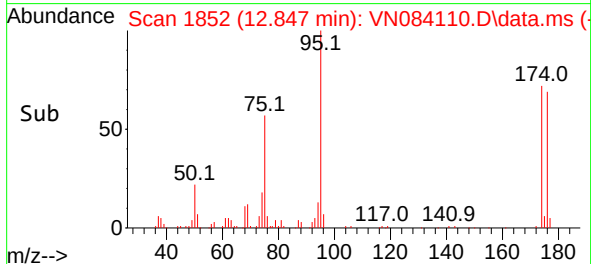
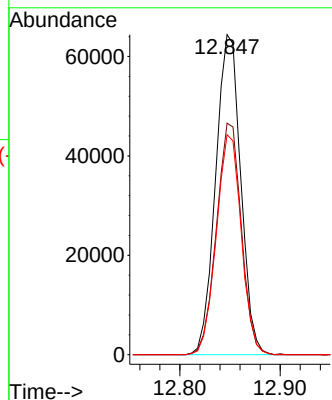
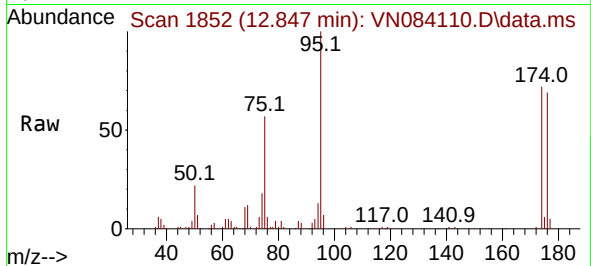




#62
4-Bromofluorobenzene
Concen: 43.946 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

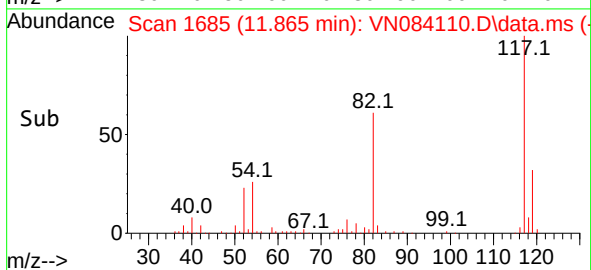
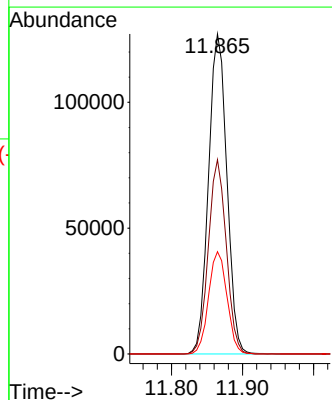
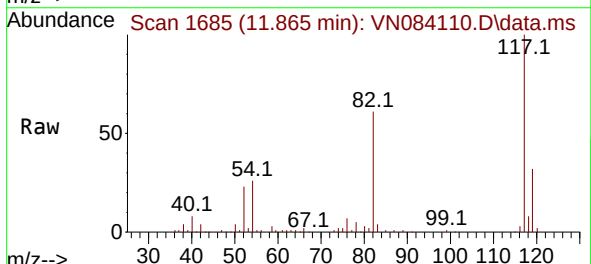
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912DL

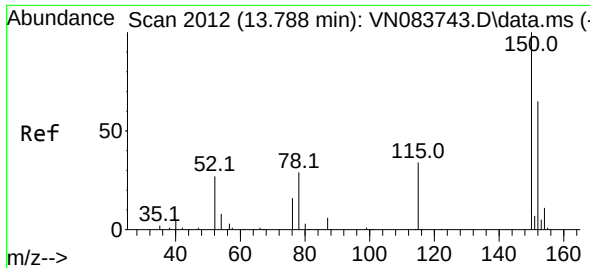
Tgt Ion: 95 Resp: 111797
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 68.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion: 117 Resp: 228243
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.0 26.3 39.5

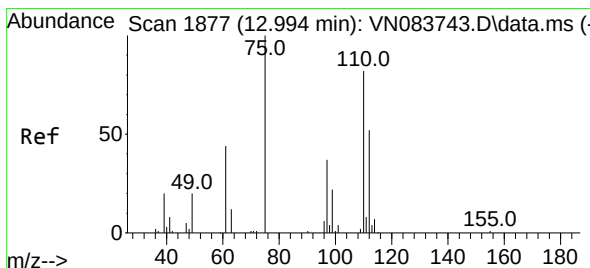
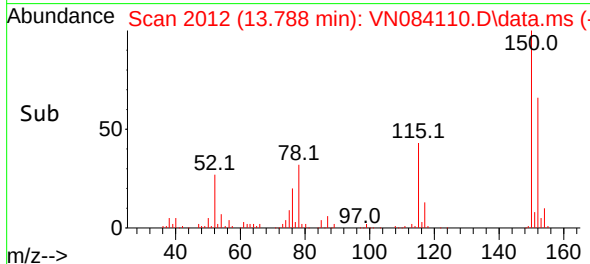
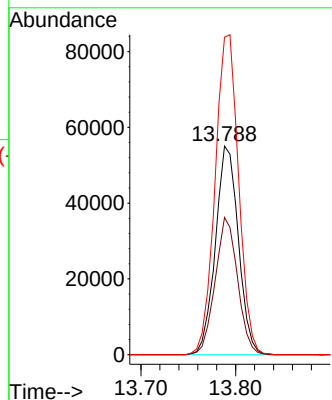
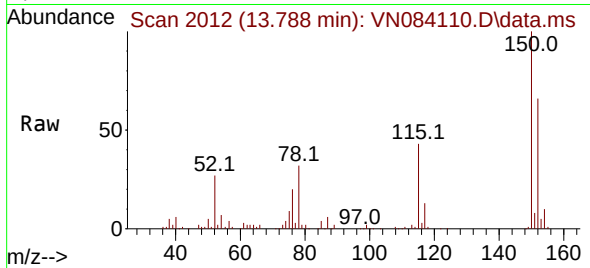




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

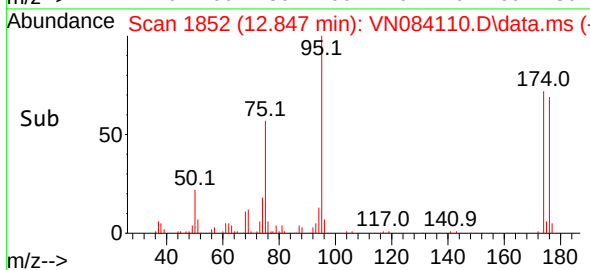
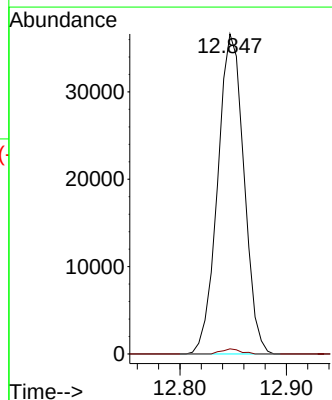
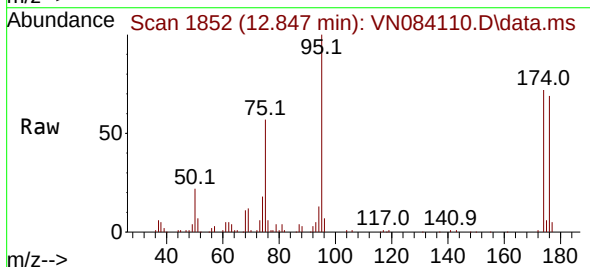
Instrument :
MSVOA_N
ClientSampleId :
RE103D2-20240912DL

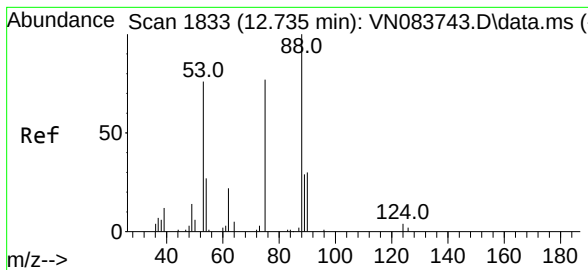
Tgt Ion:152 Resp: 92823
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 157.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 33.492 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084110.D
Acq: 23 Sep 2024 15:29

Tgt Ion: 75 Resp: 62729
Ion Ratio Lower Upper
75 100
77 1.1 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.717 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084110.D
 Acq: 23 Sep 2024 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RE103D2-20240912DL

Tgt Ion: 75 Resp: 62729
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

