

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
 Data File : VN085182.D
 Acq On : 12 Dec 2024 11:11
 Operator : JC\MD
 Sample : VN1212WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 04:21:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	148964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90152	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109819	51.755	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.520%	
35) Dibromofluoromethane	8.165	113	90403	52.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.120%	
50) Toluene-d8	10.565	98	302075	48.544	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.080%	
62) 4-Bromofluorobenzene	12.847	95	101700	43.702	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.400%	

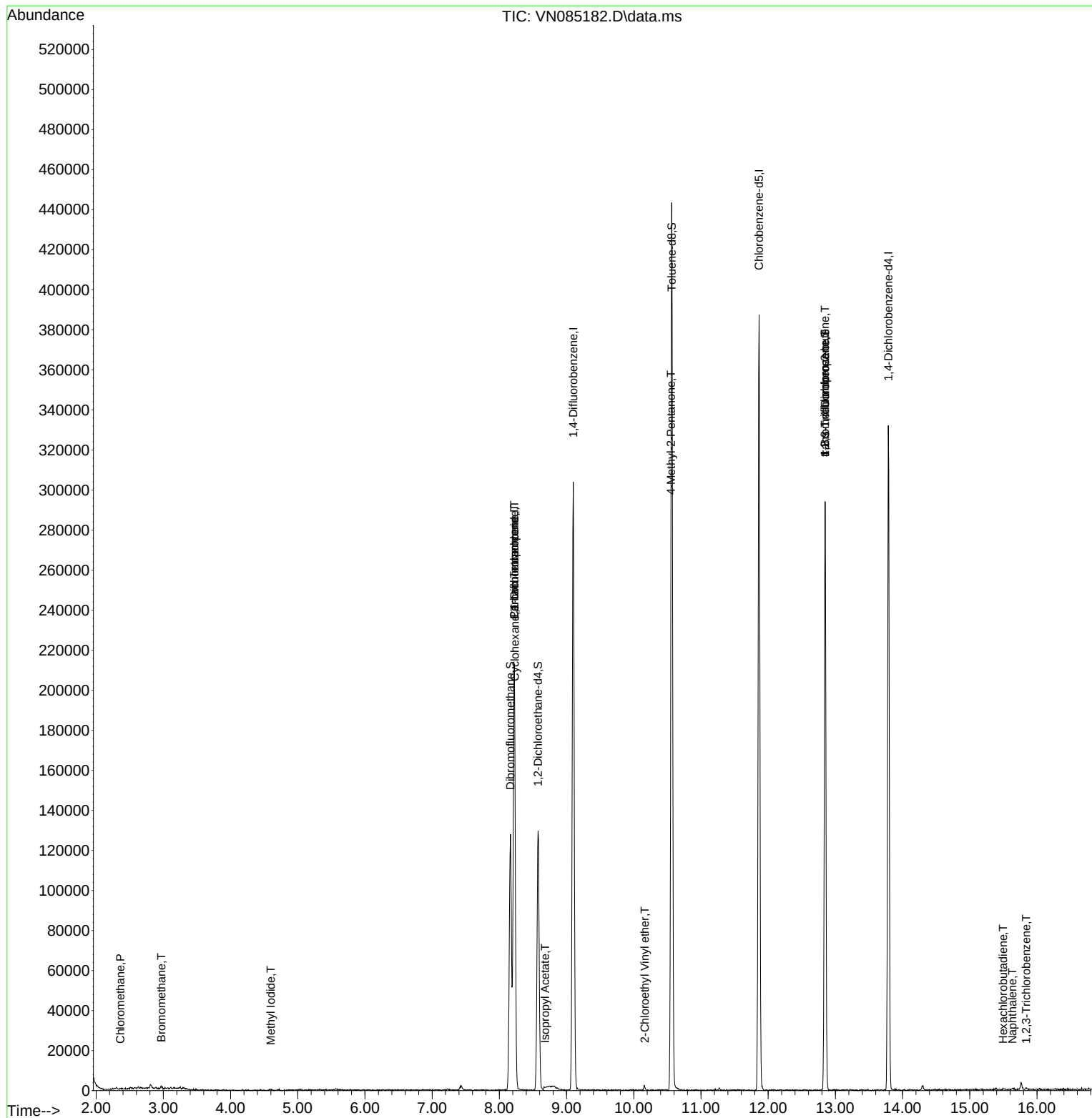
Target Compounds						Qvalue
3) Chloromethane	2.359	50	477	0.244	ug/l #	40
5) Bromomethane	2.971	94	521	0.529	ug/l #	56
10) Methyl Iodide	4.600	142	687	0.306	ug/l #	89
18) Methyl Acetate	5.018	43	58	Below Cal	#	50
31) Cyclohexane	8.230	56	3297	1.166	ug/l #	5
36) 1,1-Dichloropropene	8.224	75	12434	5.287	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16529	6.089	ug/l #	15
43) Isopropyl Acetate	8.682	43	1025	0.231	ug/l #	55
51) 4-Methyl-2-Pentanone	10.553	43	1286	0.634	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.165	63	890	0.757	ug/l	100
76) 1,2,3-Trichloropropane	12.847	75	54073	32.975	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54073	72.796	ug/l #	10
94) Hexachlorobutadiene	15.494	225	168	0.207	ug/l #	53
95) Naphthalene	15.635	128	1125	0.225	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.841	180	371	0.221	ug/l #	44

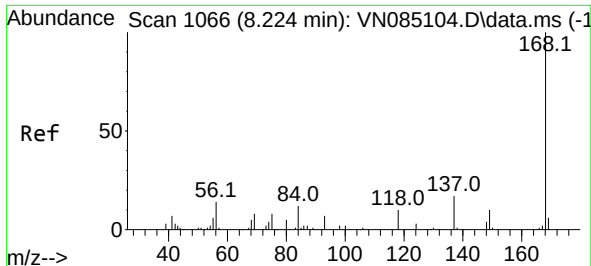
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121224\
Data File : VN085182.D
Acq On : 12 Dec 2024 11:11
Operator : JC\MD
Sample : VN1212WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 13 04:21:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

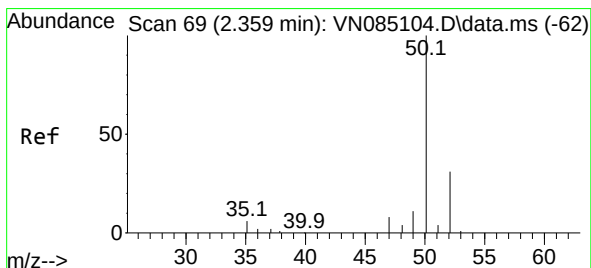
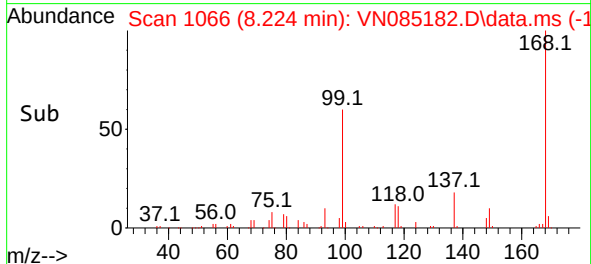
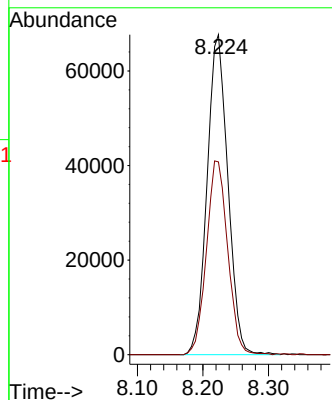
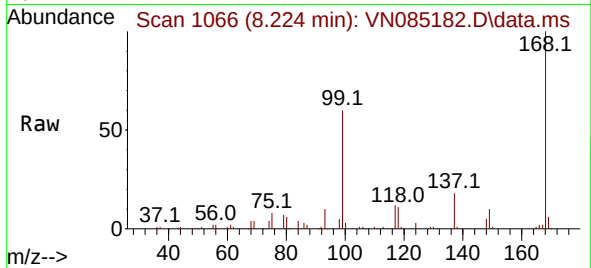




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

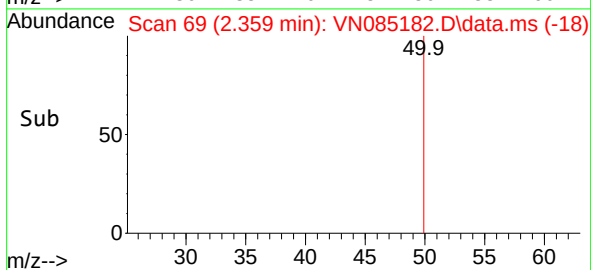
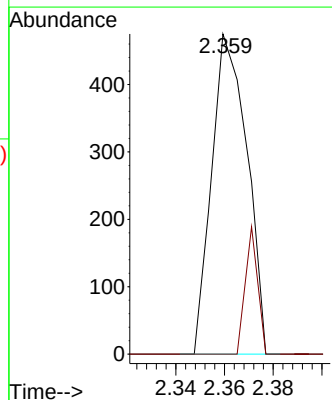
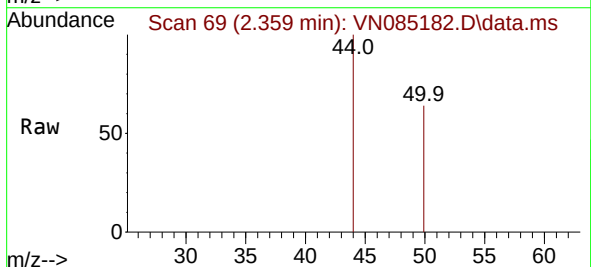
Instrument :
MSVOA_N
ClientSampleId :

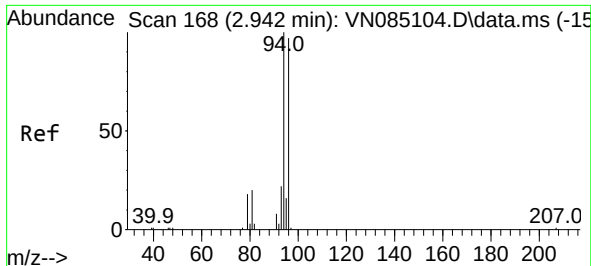
Tgt Ion:168 Resp: 148964
Ion Ratio Lower Upper
168 100
99 60.3 51.2 76.8



#3
Chloromethane
Concen: 0.244 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 50 Resp: 477
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

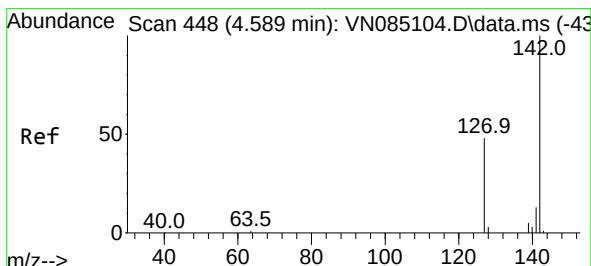
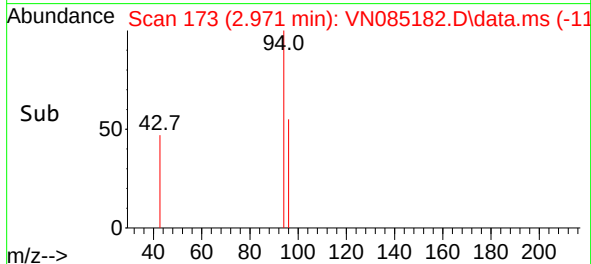
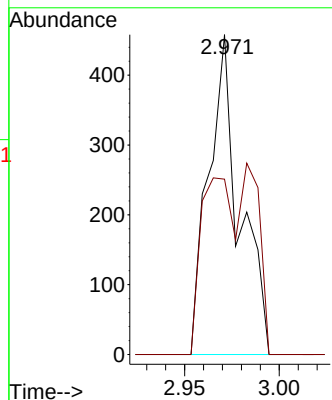
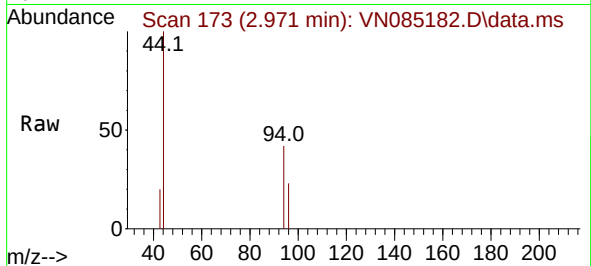




#5
Bromomethane
Concen: 0.529 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.070 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

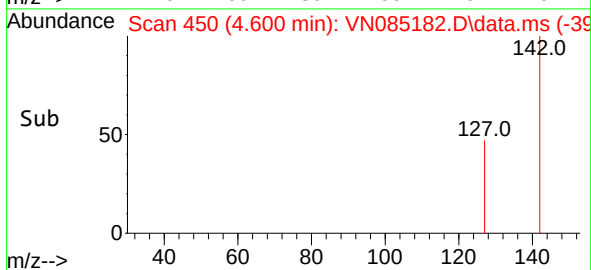
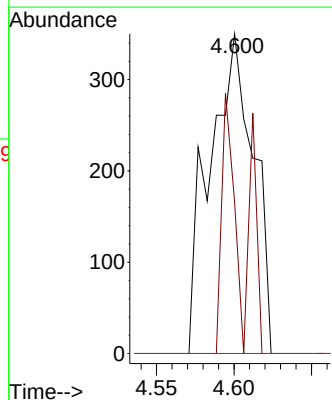
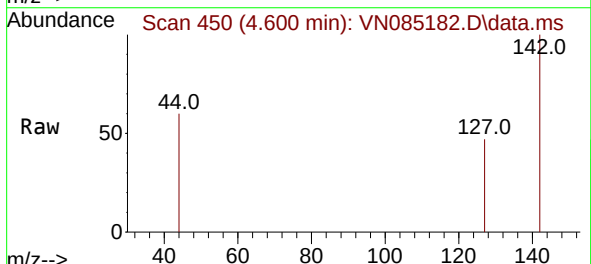
Instrument :
MSVOA_N
ClientSampleId :

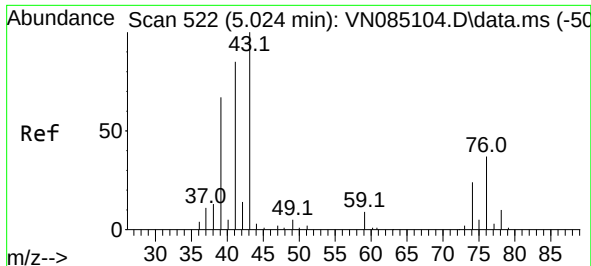
Tgt Ion: 94 Resp: 521
Ion Ratio Lower Upper
94 100
96 54.8 78.7 118.1#



#10
Methyl Iodide
Concen: 0.306 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.029 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

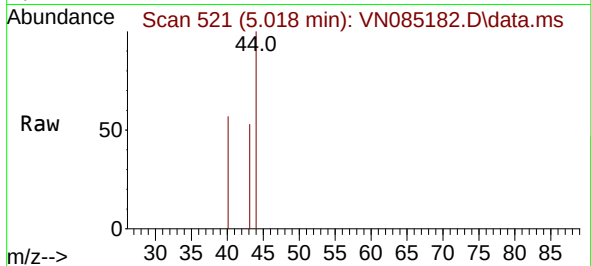
Tgt Ion: 142 Resp: 687
Ion Ratio Lower Upper
142 100
127 47.4 36.6 54.8
141 0.0 12.2 18.4#



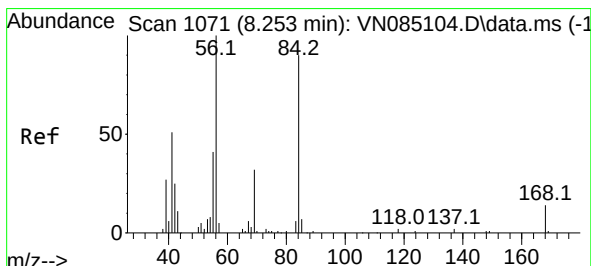
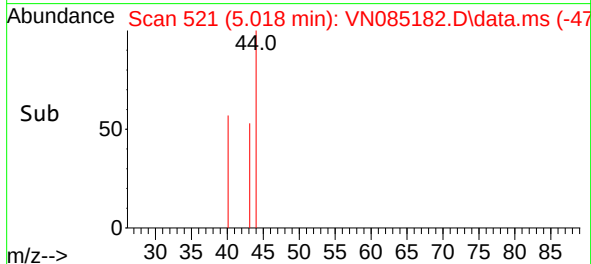
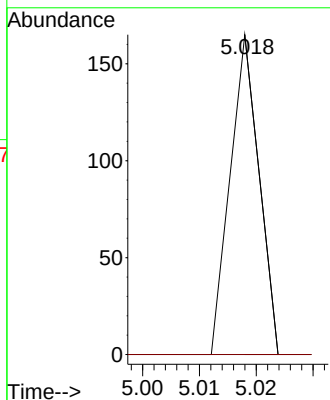


#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

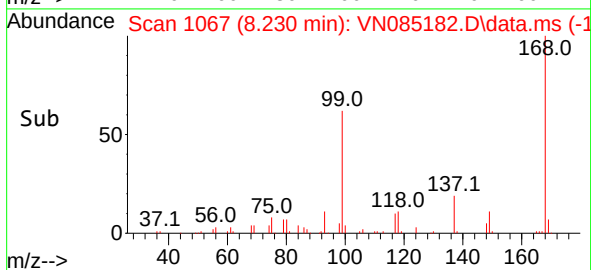
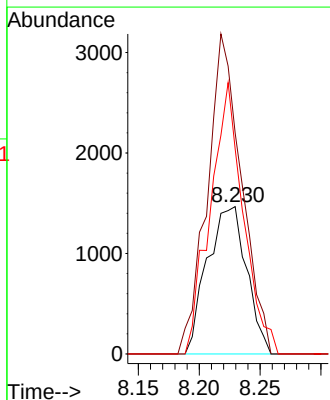
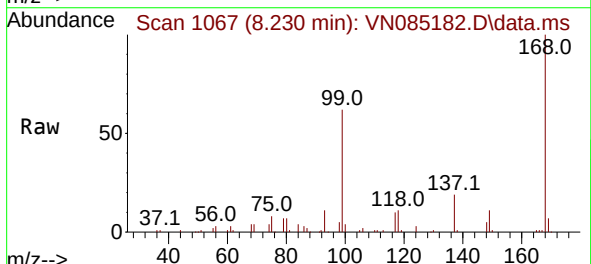


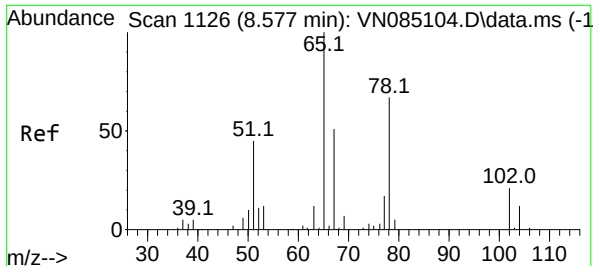
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#31
Cyclohexane
Concen: 1.166 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 56 Resp: 3297
Ion Ratio Lower Upper
56 100
69 150.0 24.6 36.8#
84 139.3 71.4 107.2#





#33

1,2-Dichloroethane-d4

Concen: 51.755 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085182.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_N

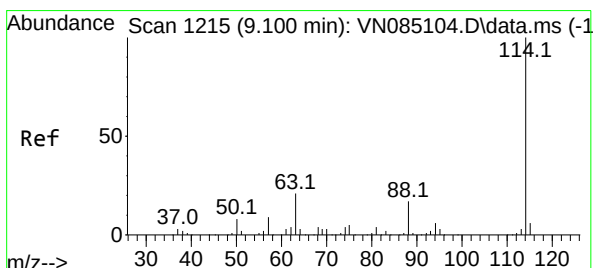
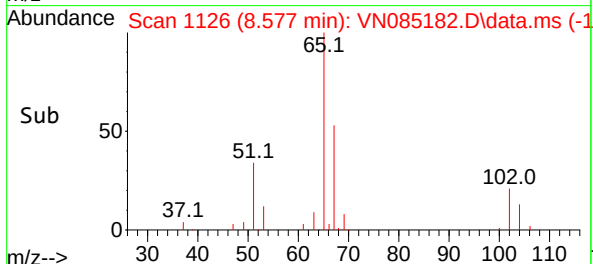
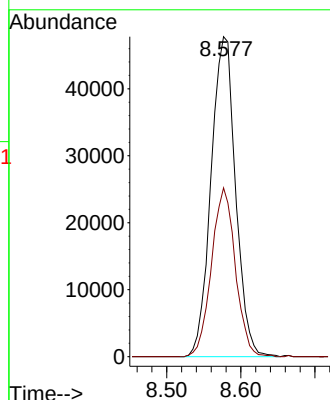
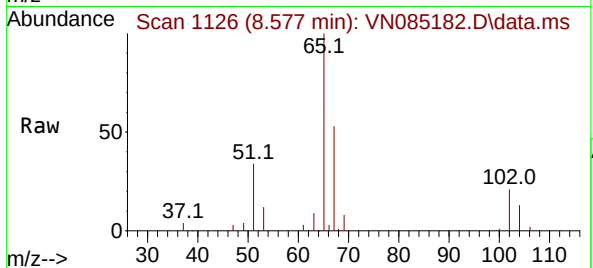
ClientSampleId :

Tgt Ion: 65 Resp: 109819

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085182.D

Acq: 12 Dec 2024 11:11

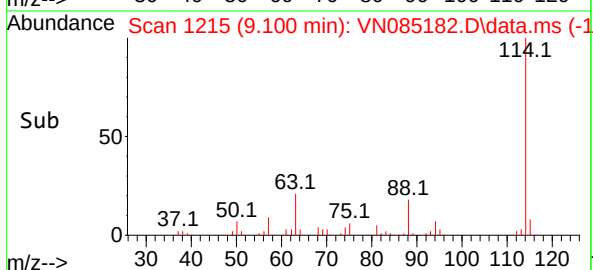
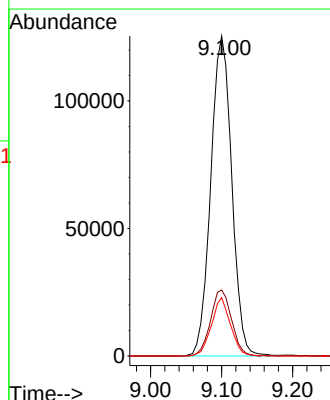
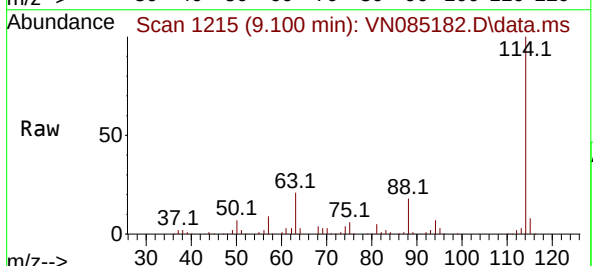
Tgt Ion: 114 Resp: 257482

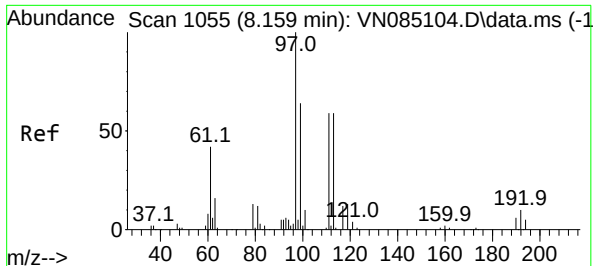
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 18.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.064 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085182.D

Acq: 12 Dec 2024 11:11

Instrument :

MSVOA_N

ClientSampleId :

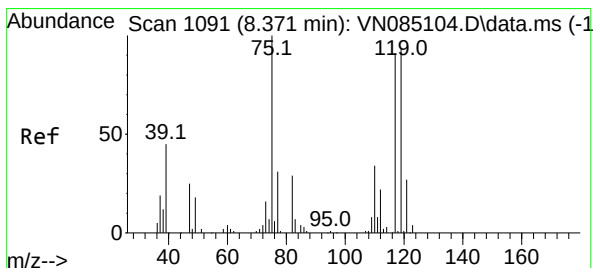
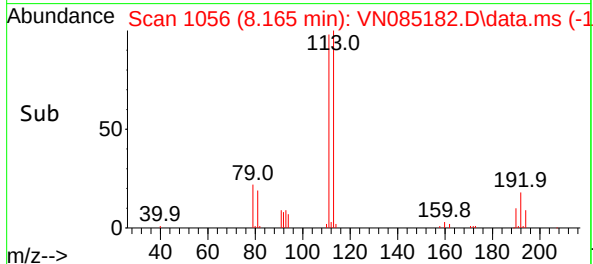
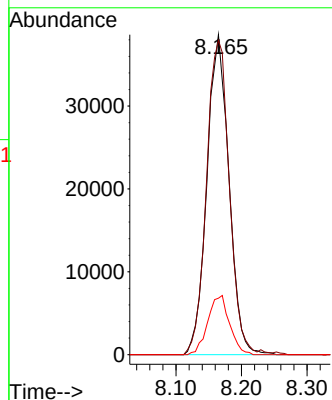
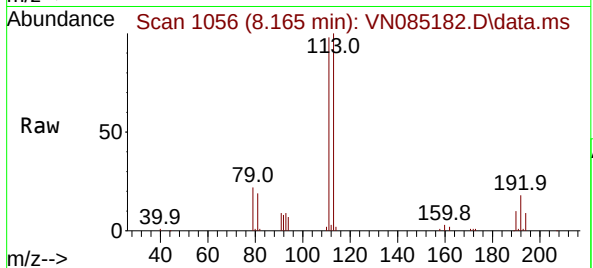
Tgt Ion:113 Resp: 90403

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

192 18.2 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.287 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085182.D

Acq: 12 Dec 2024 11:11

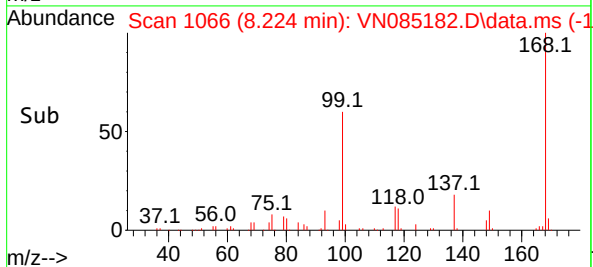
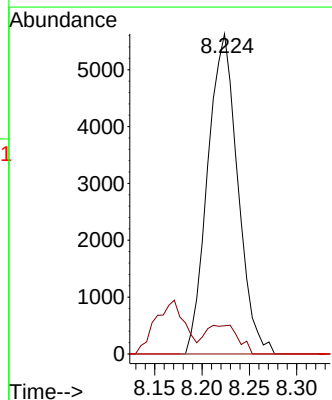
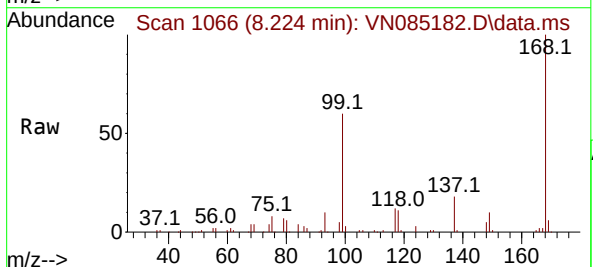
Tgt Ion: 75 Resp: 12434

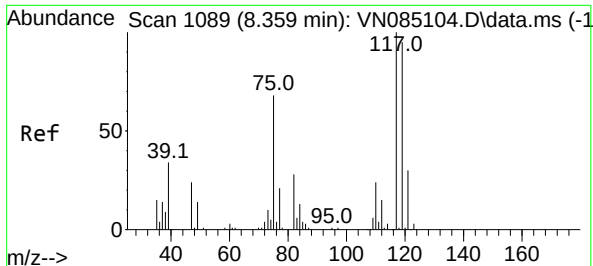
Ion Ratio Lower Upper

75 100

110 9.9 17.2 51.6#

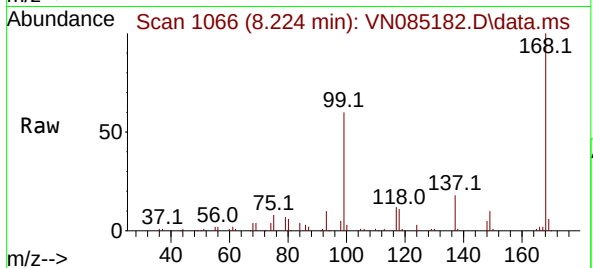
77 0.0 24.2 36.4#



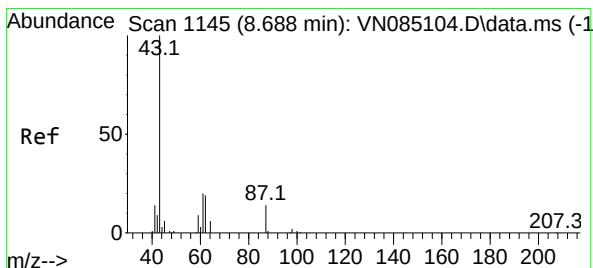
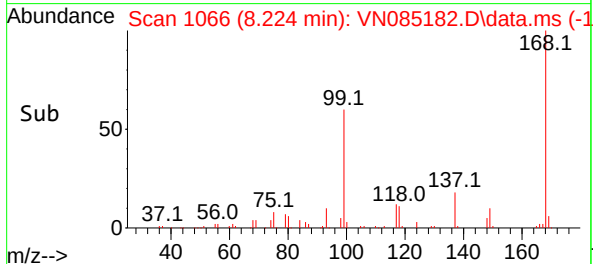
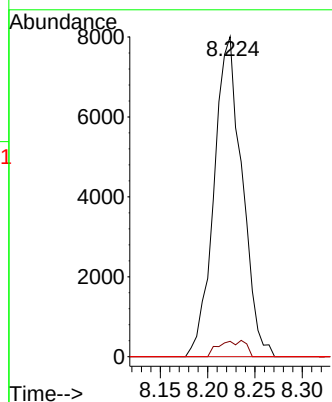


#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Instrument :
MSVOA_N
ClientSampleId :

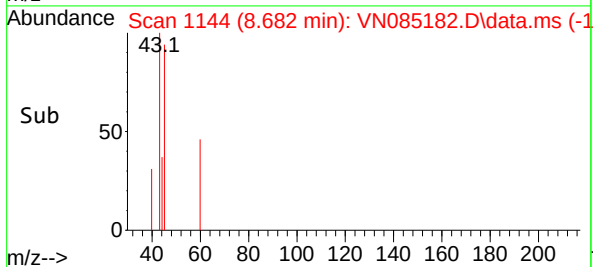
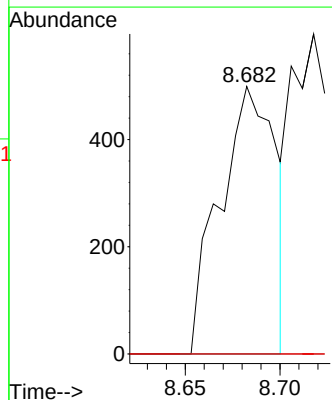
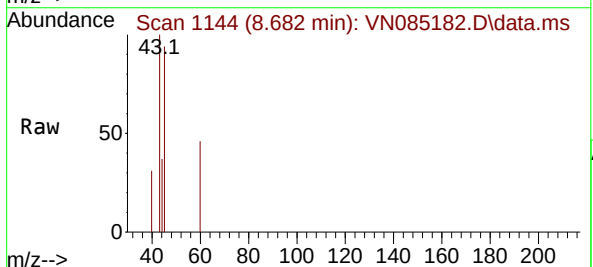


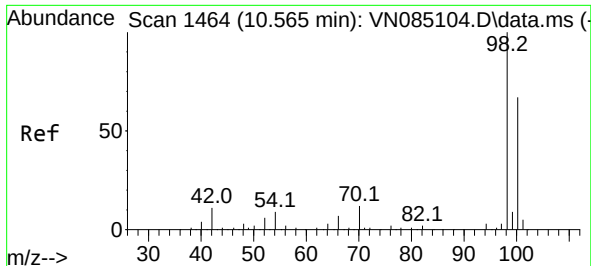
Tgt Ion:117 Resp: 16529
Ion Ratio Lower Upper
117 100
119 4.8 78.6 117.8#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.231 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

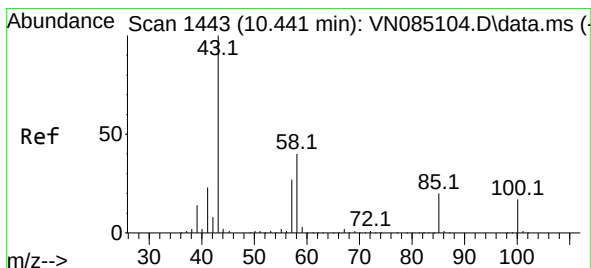
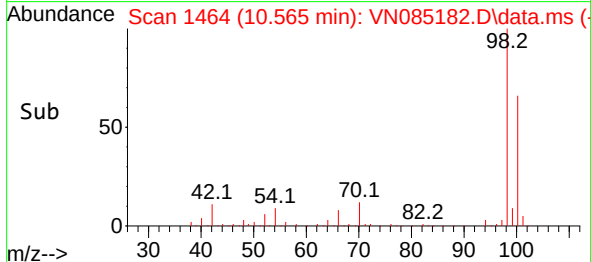
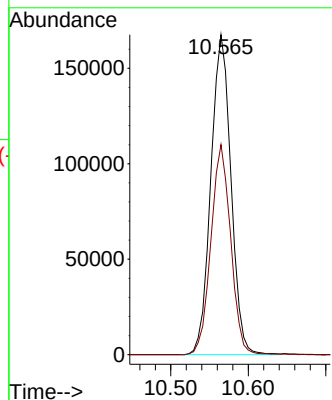
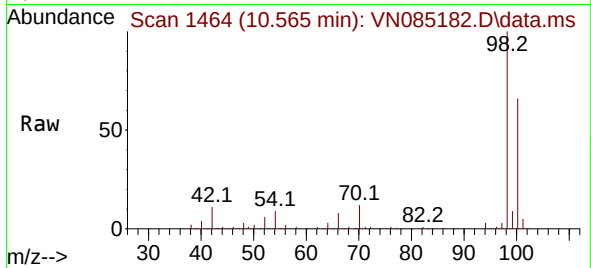




#50
Toluene-d8
Concen: 48.544 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

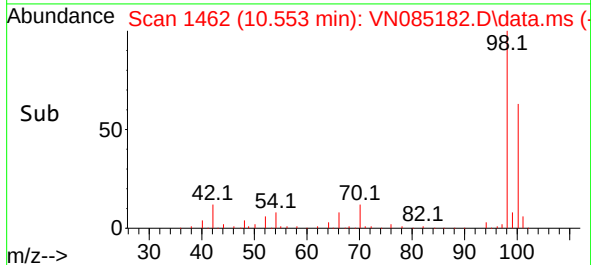
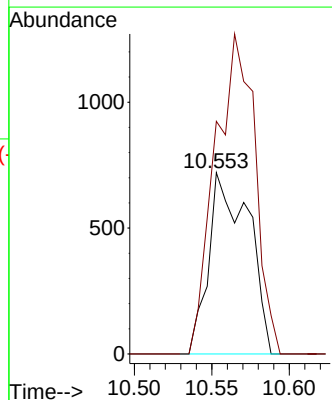
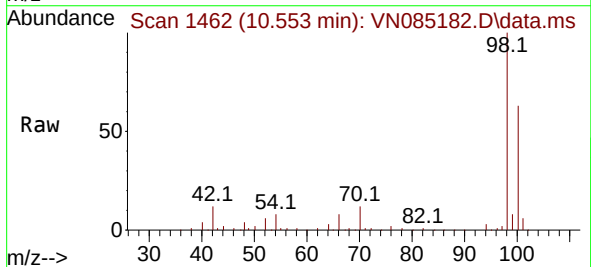
Instrument :
MSVOA_N
ClientSampleId :

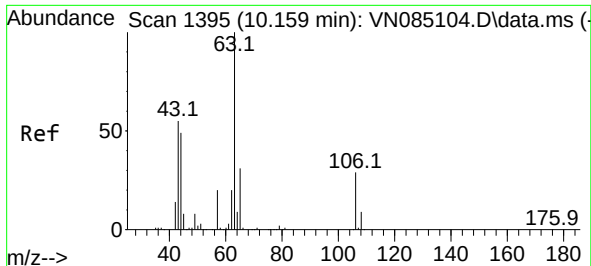
Tgt Ion: 98 Resp: 302075
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 10.553 min Scan# 1462
Delta R.T. 0.112 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 176.0 32.1 48.1#

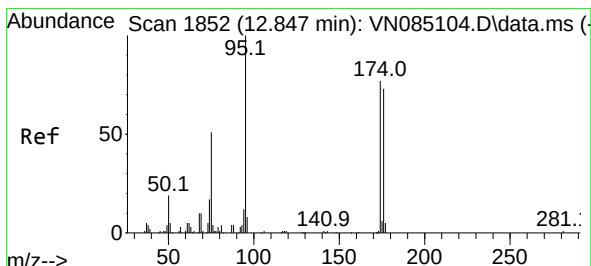
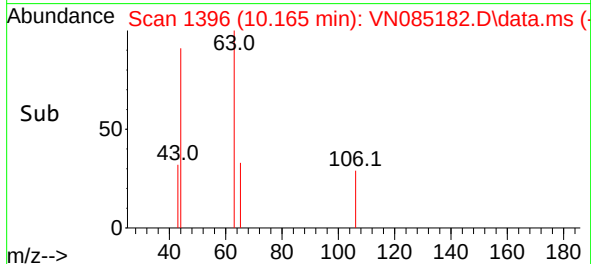
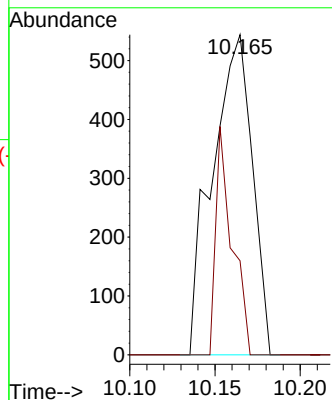
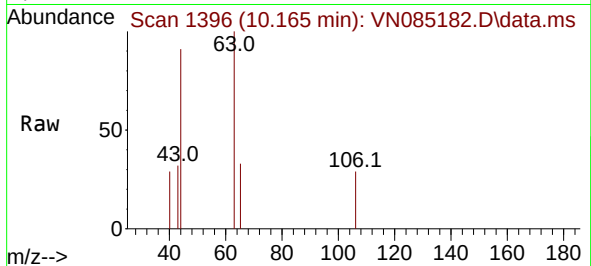




#58
2-Chloroethyl Vinyl ether
Concen: 0.757 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

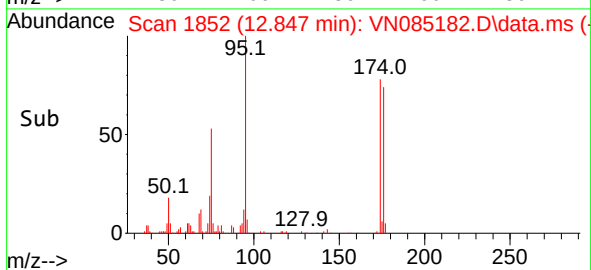
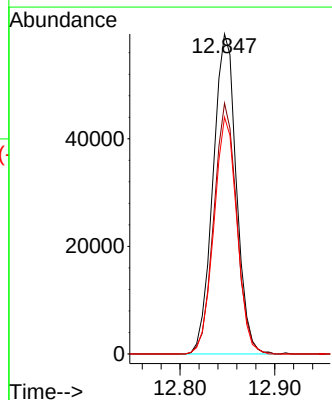
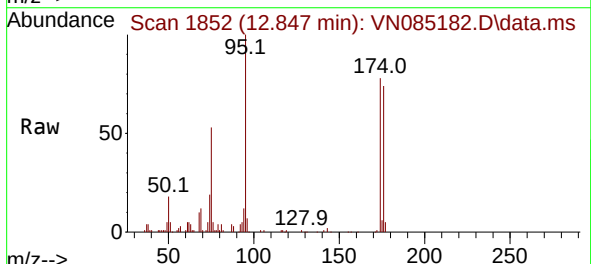
Instrument :
MSVOA_N
ClientSampleId :

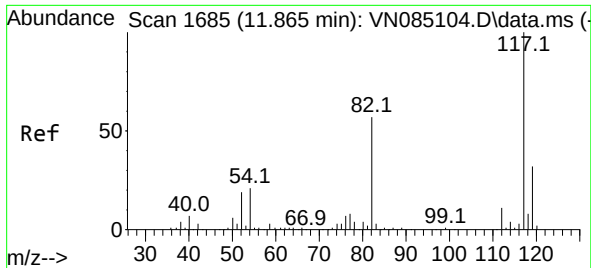
Tgt Ion: 63 Resp: 890
Ion Ratio Lower Upper
63 100
106 29.0 23.0 34.6



#62
4-Bromofluorobenzene
Concen: 43.702 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Tgt Ion: 95 Resp: 101700
Ion Ratio Lower Upper
95 100
174 77.1 0.0 146.6
176 73.2 0.0 141.8

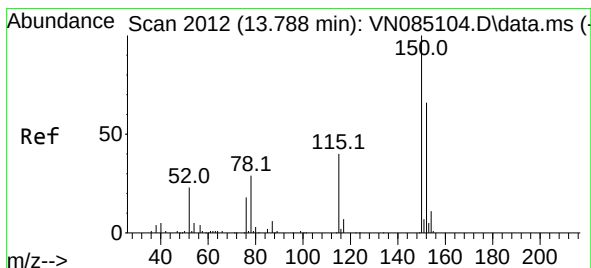
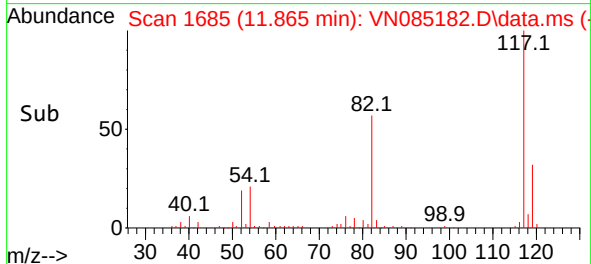
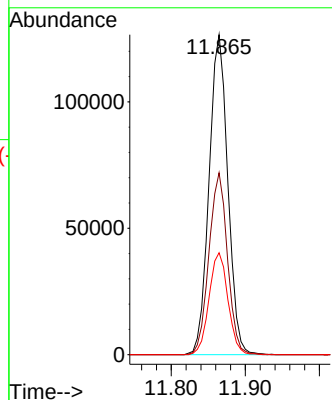
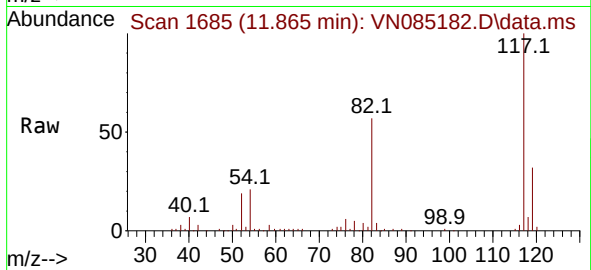




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

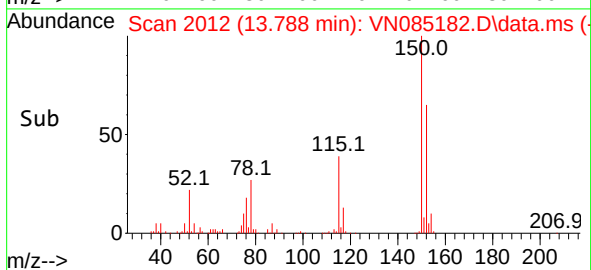
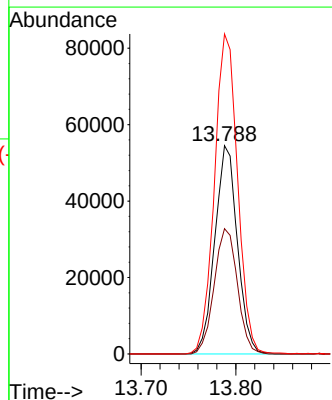
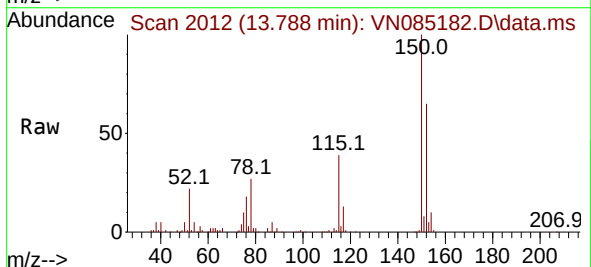
Instrument :
MSVOA_N
ClientSampleId :

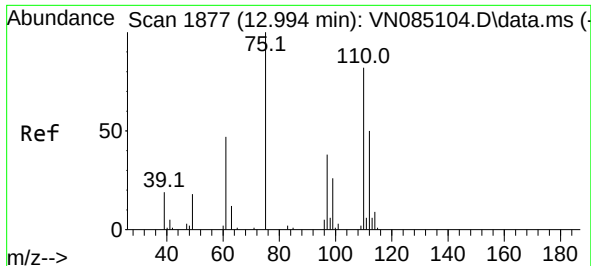
Tgt Ion:117 Resp: 222289
Ion Ratio Lower Upper
117 100
82 56.8 46.0 69.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

Tgt Ion:152 Resp: 90152
Ion Ratio Lower Upper
152 100
115 61.9 31.7 95.1
150 157.9 0.0 351.4

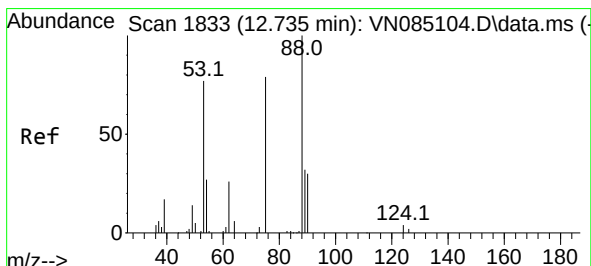
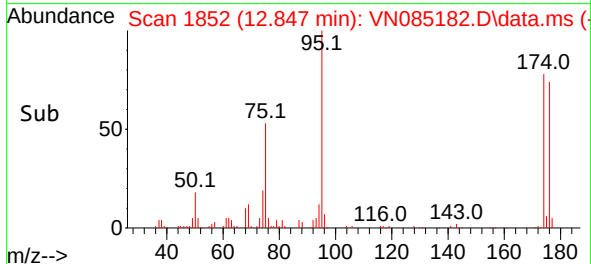
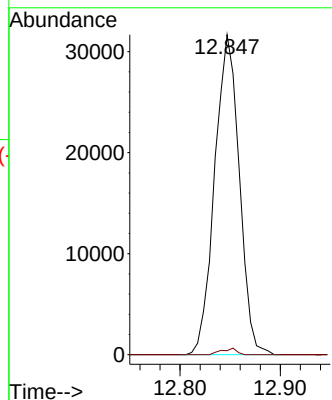
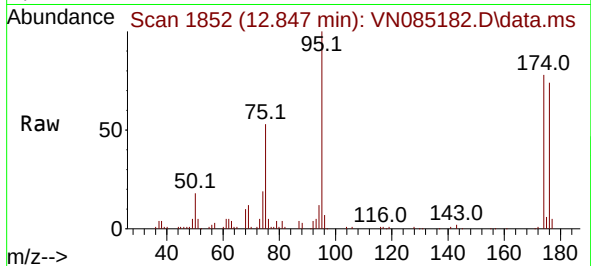




#76
1,2,3-Trichloropropane
Concen: 32.975 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

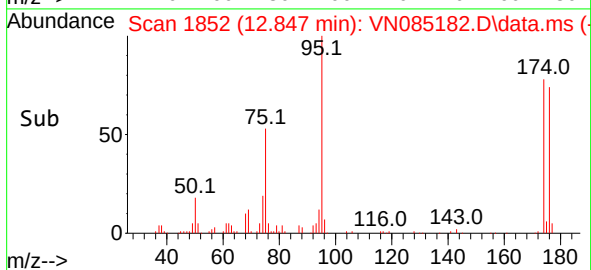
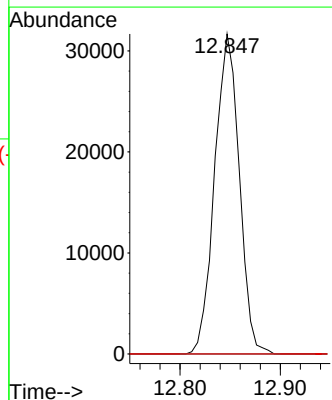
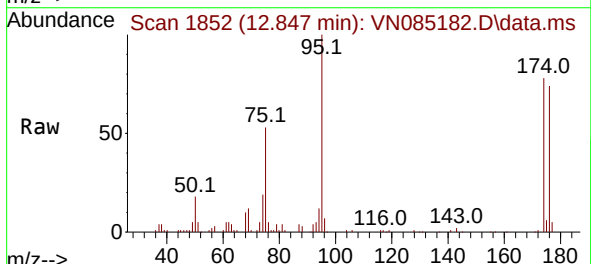
Instrument :
MSVOA_N
ClientSampleId :

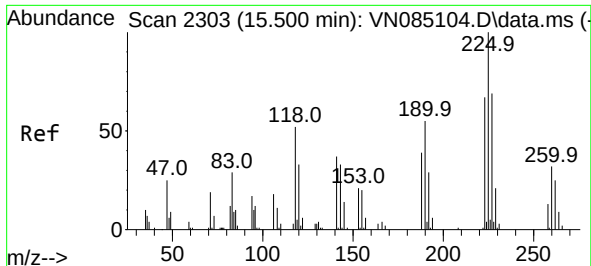
Tgt Ion: 75 Resp: 54073
Ion Ratio Lower Upper
75 100
77 1.3 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.796 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

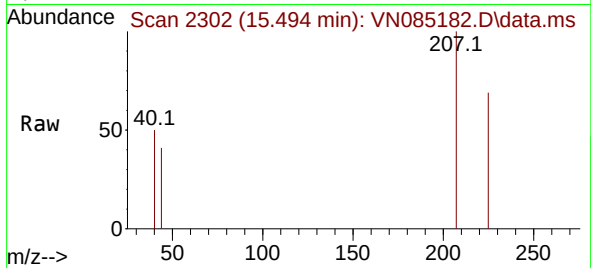
Tgt Ion: 75 Resp: 54073
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



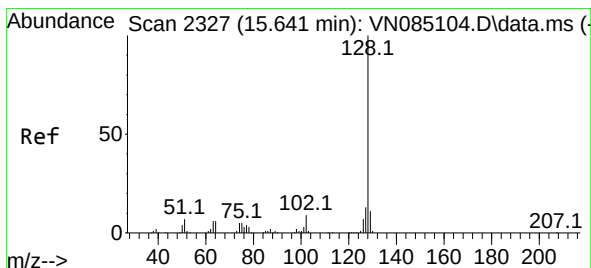
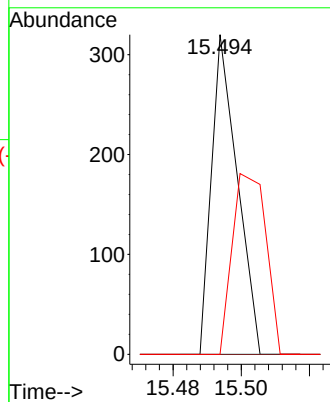
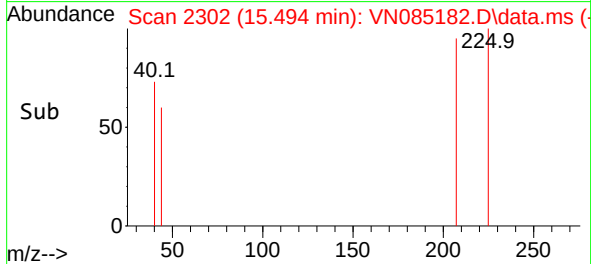


#94
Hexachlorobutadiene
Concen: 0.207 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11

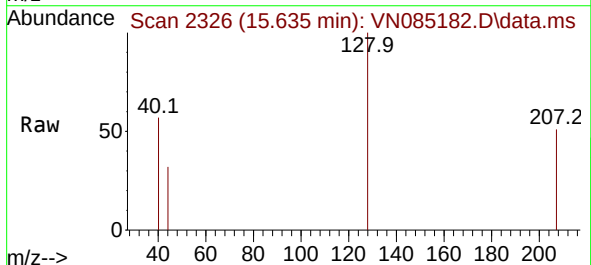
Instrument :
MSVOA_N
ClientSampleId :



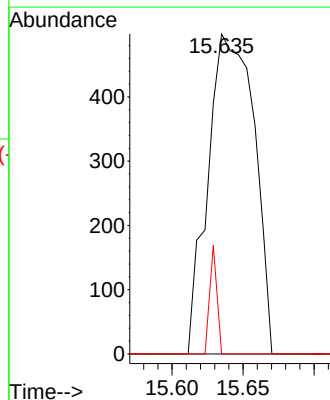
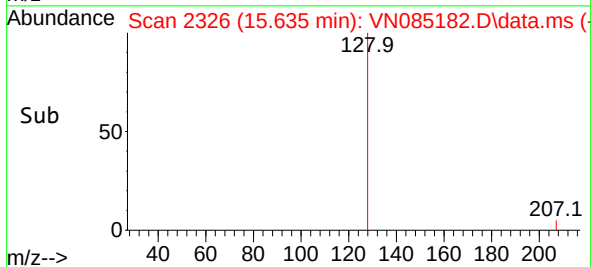
Tgt Ion:225 Resp: 168
Ion Ratio Lower Upper
225 100
223 0.0 30.9 92.8#
227 73.8 31.5 94.5

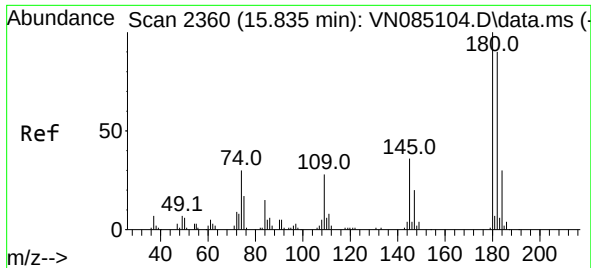


#95
Naphthalene
Concen: 0.225 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085182.D
Acq: 12 Dec 2024 11:11



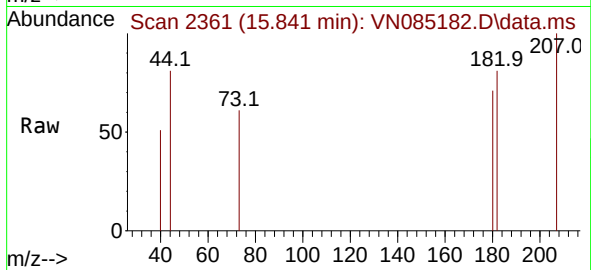
Tgt Ion:128 Resp: 1125
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 5.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.221 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085182.D
 Acq: 12 Dec 2024 11:11

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	371
Ion	Ratio	Lower	Upper
180	100		
182	40.4	46.4	139.2#
145	0.0	17.3	52.0#

