

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085113.D
 Acq On : 05 Dec 2024 13:59
 Operator : JC\MD
 Sample : P5088-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:48:21 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)

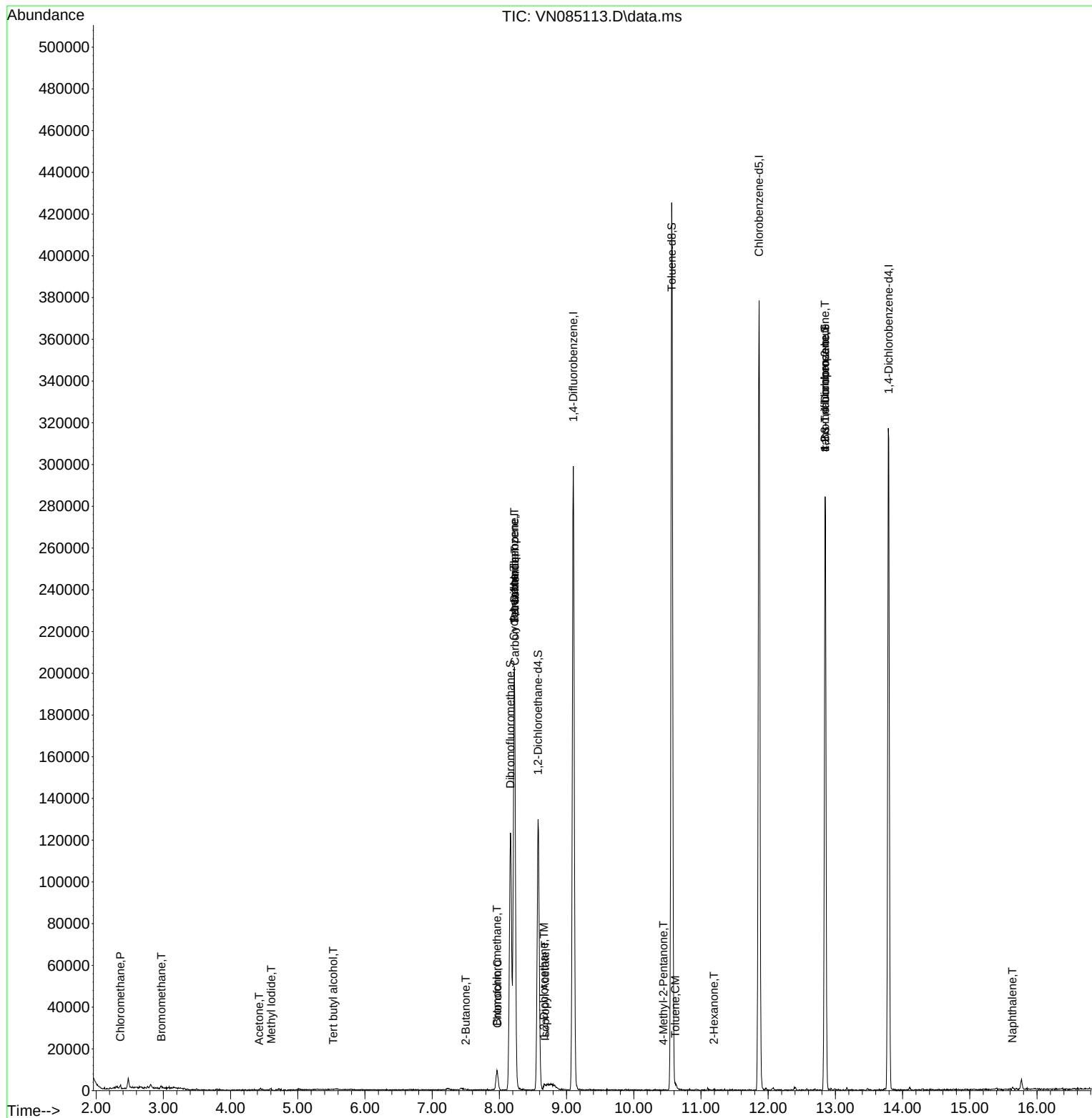
Internal Standards						
1) Pentafluorobenzene	8.224	168	142023	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107699	53.237	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	8.165	113	87950	51.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.680%			
50) Toluene-d8	10.565	98	296013	48.218	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.440%			
62) 4-Bromofluorobenzene	12.847	95	100369	43.719	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 87.440%			
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	1261	0.677	ug/l #	75
5) Bromomethane	2.971	94	733	0.781	ug/l #	71
10) Methyl Iodide	4.606	142	1199	0.561	ug/l #	72
11) Tert butyl alcohol	5.530	59	66	0.244	ug/l #	75
16) Acetone	4.424	43	260	0.441	ug/l #	43
18) Methyl Acetate	5.036	43	750	Below Cal	#	50
25) 2-Butanone	7.500	43	241	0.250	ug/l #	48
28) Bromochloromethane	7.965	49	537	0.465	ug/l #	14
30) Chloroform	7.971	83	9365	2.876	ug/l	92
31) Cyclohexane	8.218	56	3714	1.378	ug/l #	12
36) 1,1-Dichloropropene	8.224	75	11818	5.093	ug/l #	52
38) Carbon Tetrachloride	8.229	117	15615	5.830	ug/l #	16
42) 1,2-Dichloroethane	8.665	62	561	0.223	ug/l #	75
43) Isopropyl Acetate	8.682	43	1576	0.360	ug/l #	55
51) 4-Methyl-2-Pentanone	10.441	43	497	0.248	ug/l #	35
52) Toluene	10.618	92	984	0.226	ug/l	95
59) 2-Hexanone	11.194	43	320	0.214	ug/l	84
76) 1,2,3-Trichloropropane	12.847	75	52351	32.307	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	52351	71.319	ug/l #	10
95) Naphthalene	15.635	128	1102	0.223	ug/l #	75

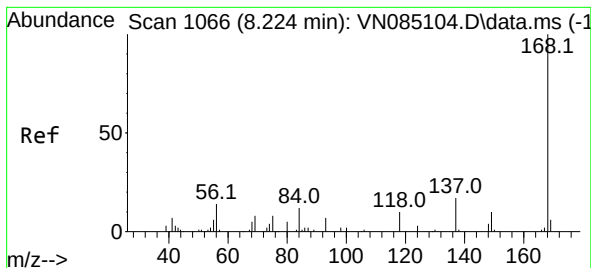
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
Data File : VN085113.D
Acq On : 05 Dec 2024 13:59
Operator : JC\MD
Sample : P5088-01RE
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 06 00:48:21 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: VN085113.D

Acq: 05 Dec 2024 13:59

Instrument :

MSVOA_N

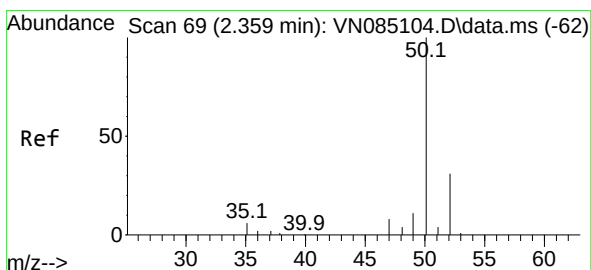
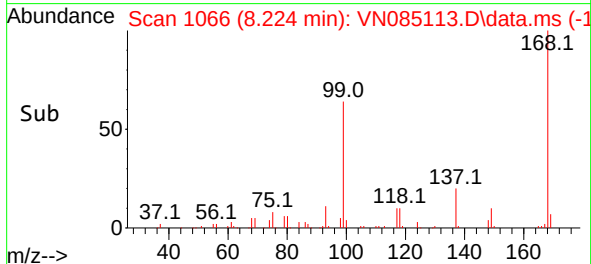
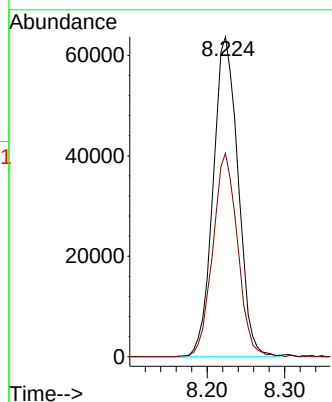
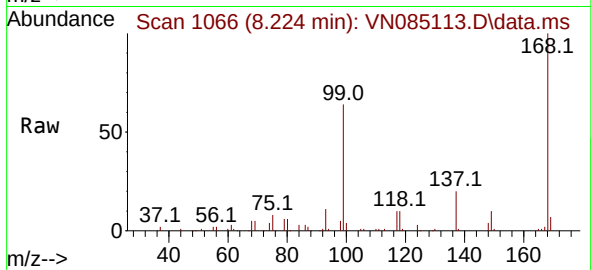
ClientSampleId :

Tgt Ion:168 Resp: 142023

Ion Ratio Lower Upper

168 100

99 63.3 51.2 76.8



#3

Chloromethane

Concen: 0.677 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN085113.D

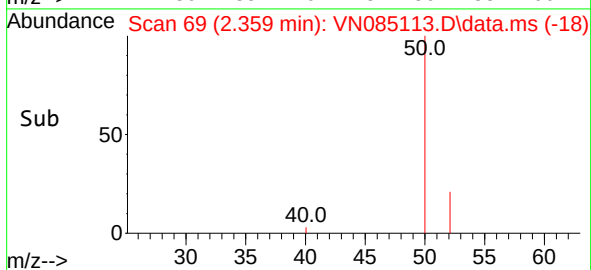
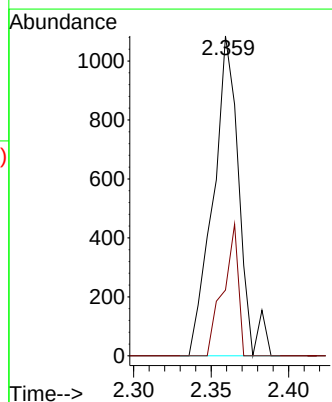
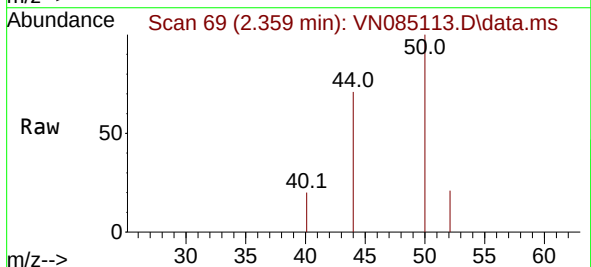
Acq: 05 Dec 2024 13:59

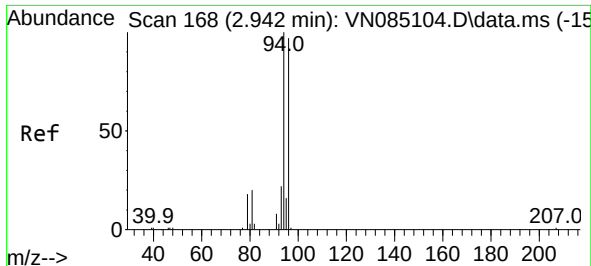
Tgt Ion: 50 Resp: 1261

Ion Ratio Lower Upper

50 100

52 20.6 27.8 41.8#

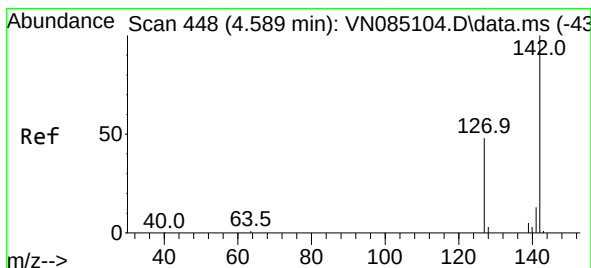
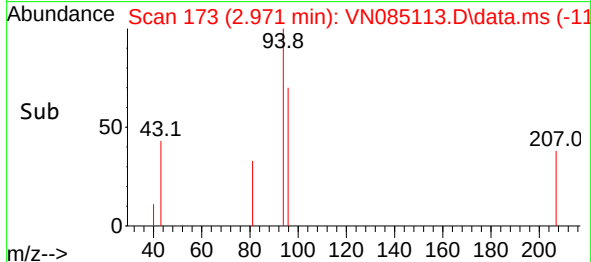
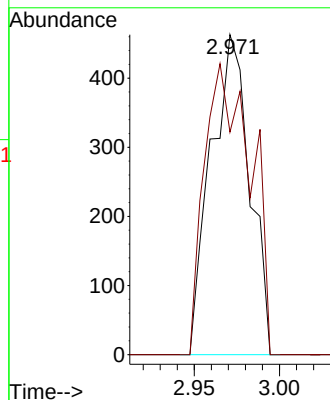
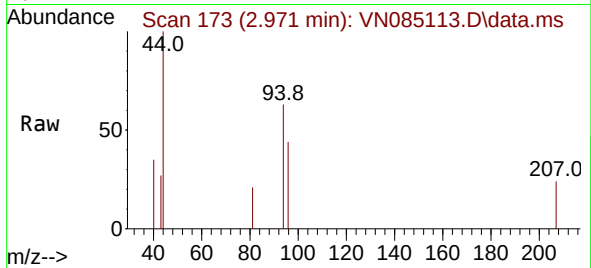




#5
Bromomethane
Concen: 0.781 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.070 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

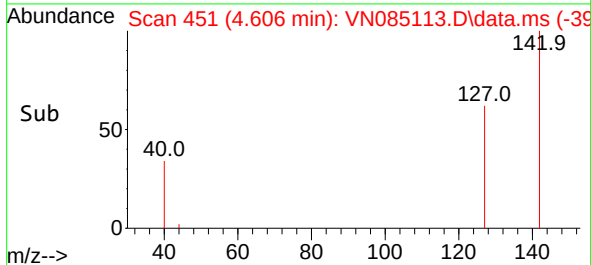
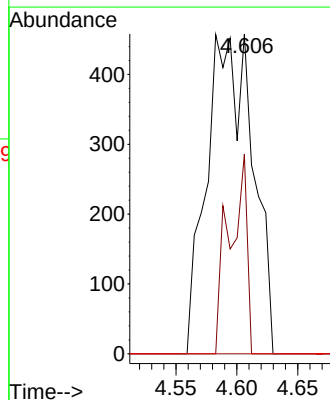
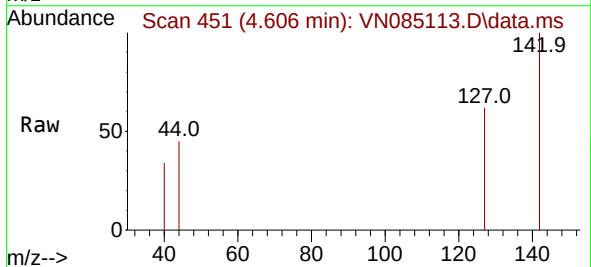
Instrument :
MSVOA_N
ClientSampleId :

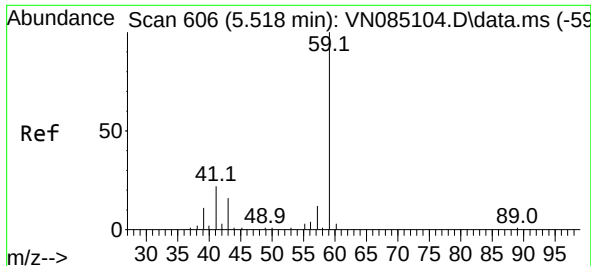
Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
96 69.5 78.7 118.1#



#10
Methyl Iodide
Concen: 0.561 ug/l
RT: 4.606 min Scan# 451
Delta R.T. 0.035 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Tgt Ion: 142 Resp: 1199
Ion Ratio Lower Upper
142 100
127 62.4 36.6 54.8#
141 0.0 12.2 18.4#

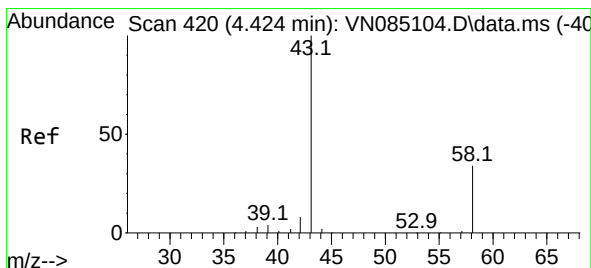
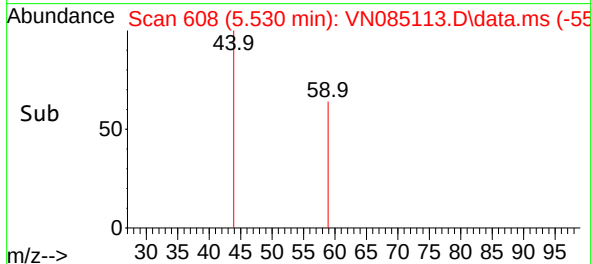
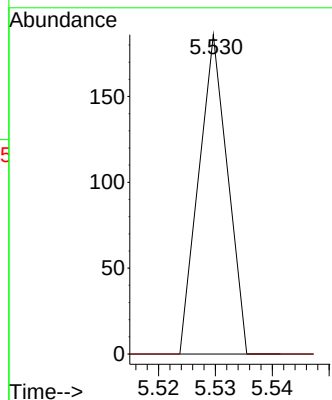
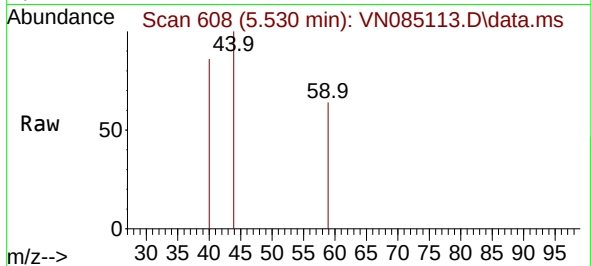




#11
Tert butyl alcohol
Concen: 0.244 ug/l
RT: 5.530 min Scan# 60
Delta R.T. -0.012 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

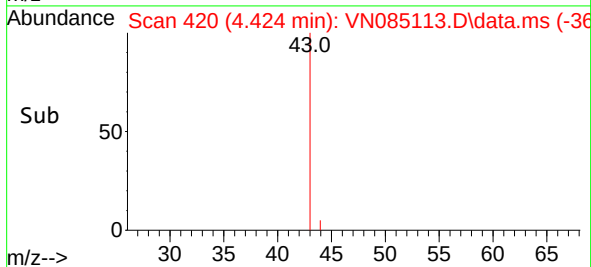
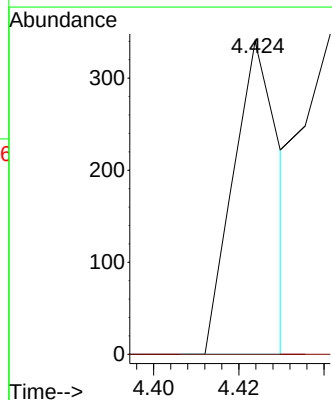
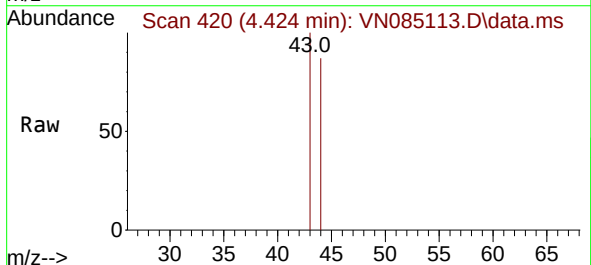
Instrument :
MSVOA_N
ClientSampleId :

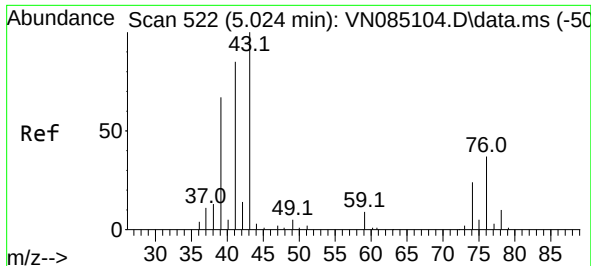
Tgt Ion: 59 Resp: 66
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#16
Acetone
Concen: 0.441 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

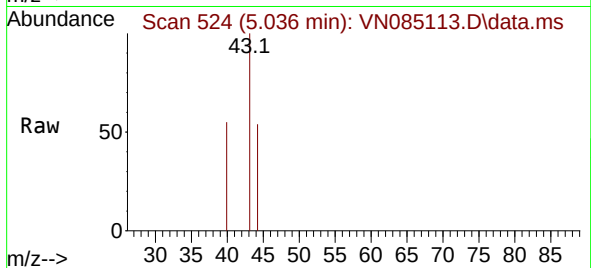
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



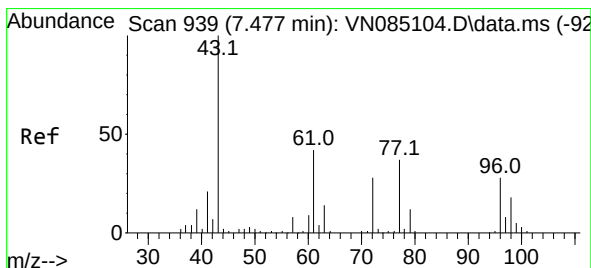
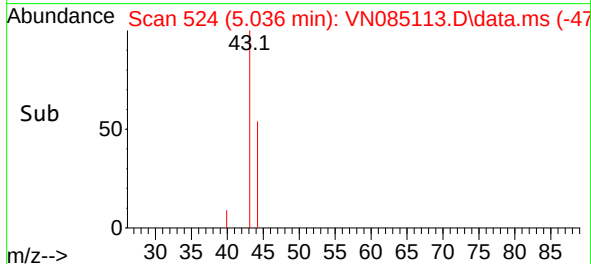
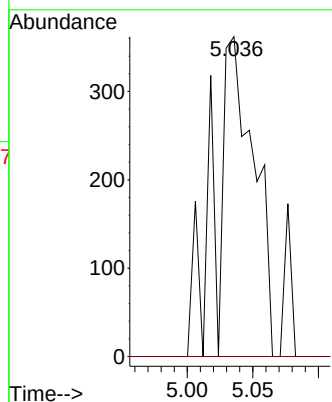


#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :

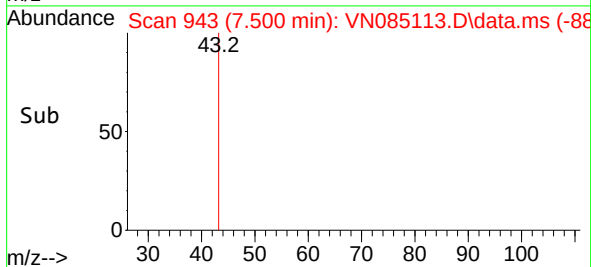
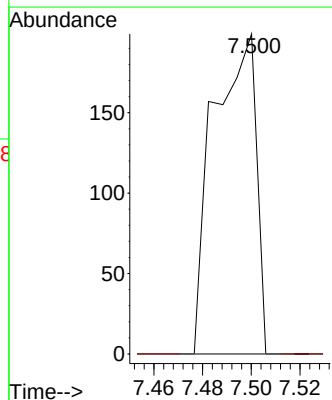
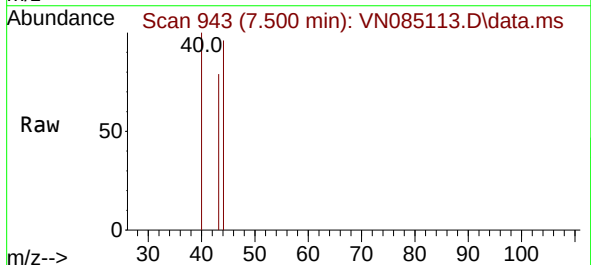


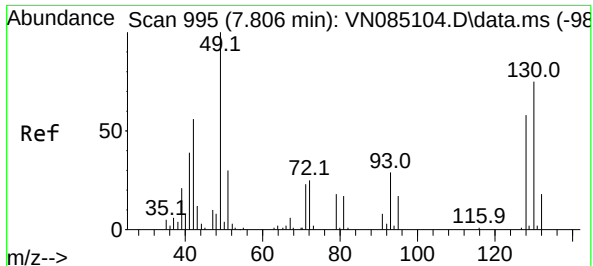
Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#25
2-Butanone
Concen: 0.250 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.017 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.0#

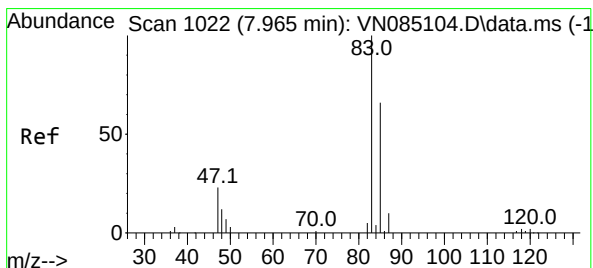
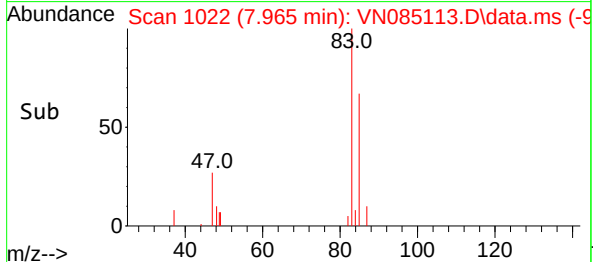
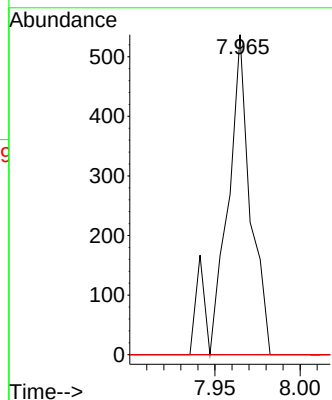
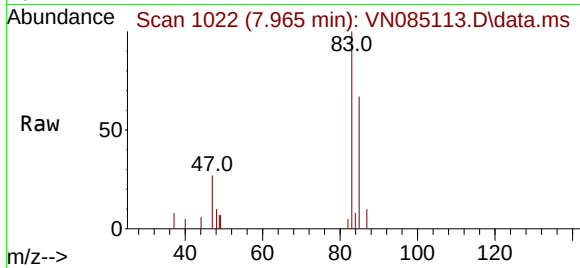




#28
Bromochloromethane
Concen: 0.465 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.159 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

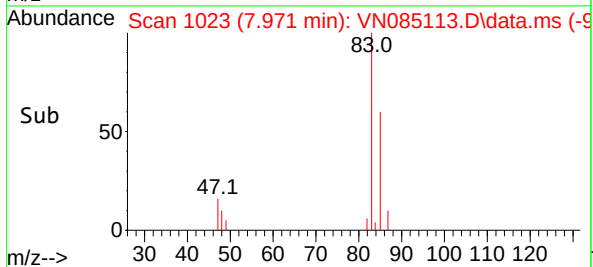
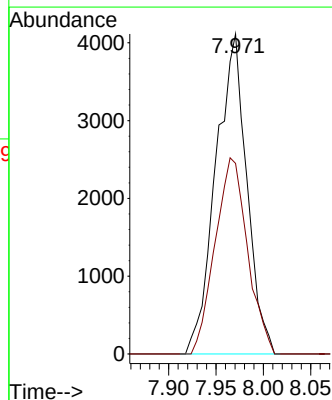
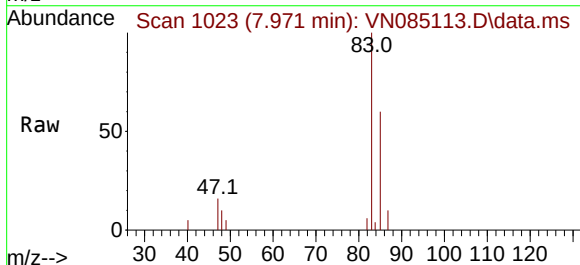
Instrument :
MSVOA_N
ClientSampleId :

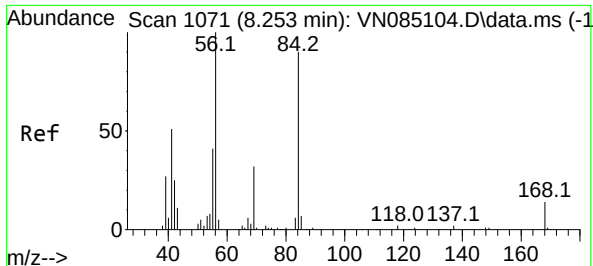
Tgt Ion: 49 Resp: 537
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 60.6 90.8#



#30
Chloroform
Concen: 2.876 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

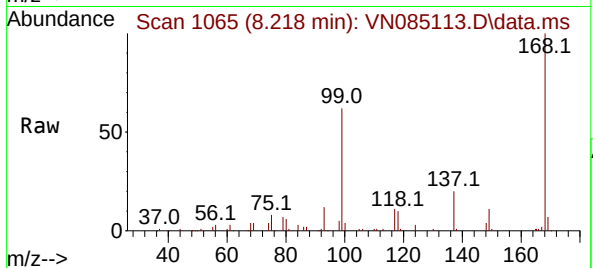
Tgt Ion: 83 Resp: 9365
Ion Ratio Lower Upper
83 100
85 59.6 52.6 78.8



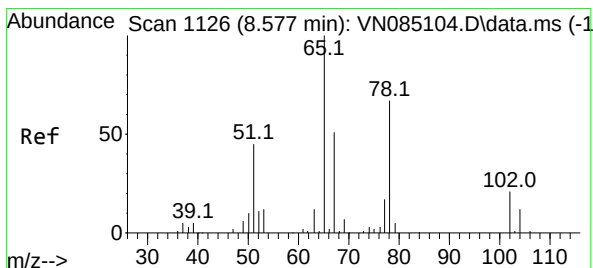
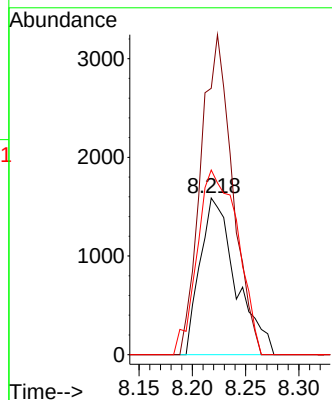
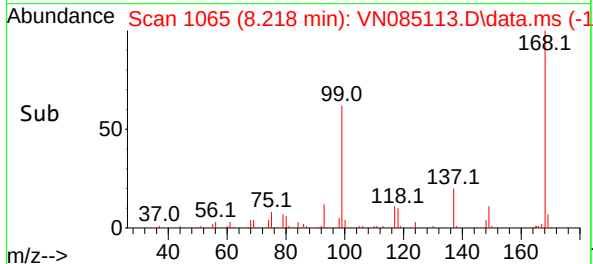


#31
Cyclohexane
Concen: 1.378 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.036 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :

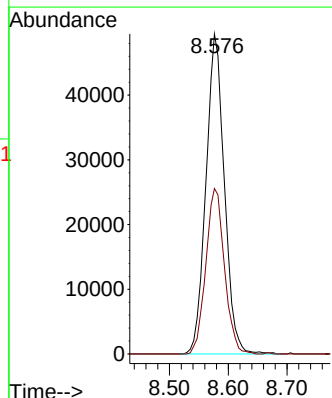
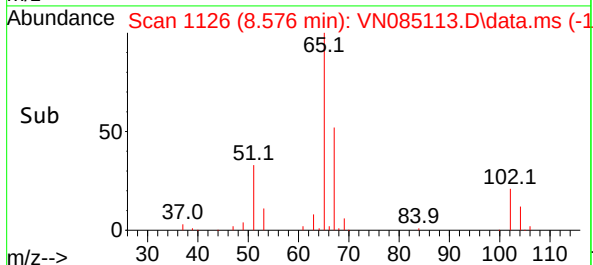
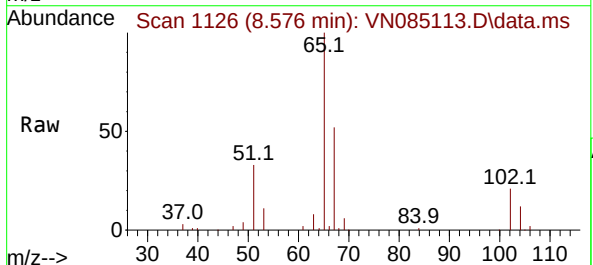


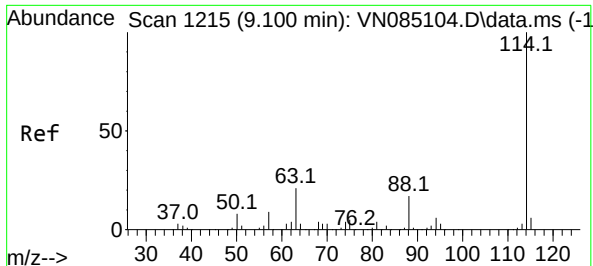
Tgt Ion: 56 Resp: 3714
Ion Ratio Lower Upper
56 100
69 170.1 24.6 36.8#
84 117.9 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 53.237 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Tgt Ion: 65 Resp: 107699
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085113.D

Acq: 05 Dec 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

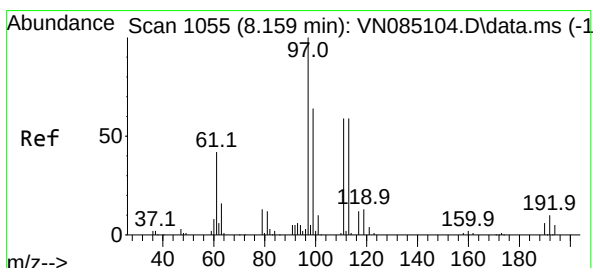
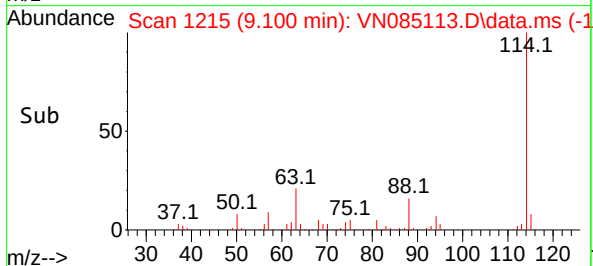
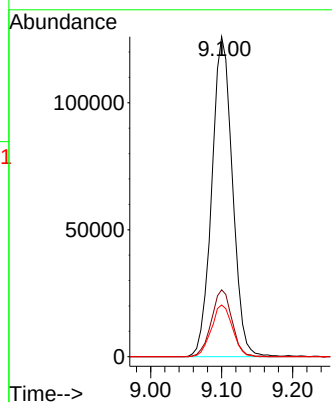
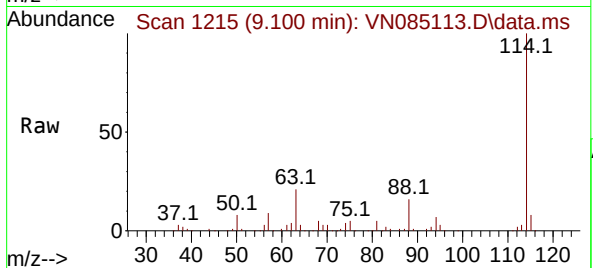
Tgt Ion:114 Resp: 254017

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.0

88 16.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.343 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085113.D

Acq: 05 Dec 2024 13:59

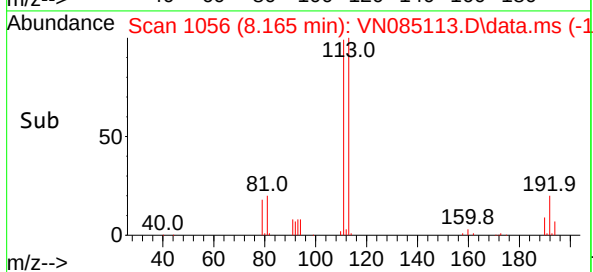
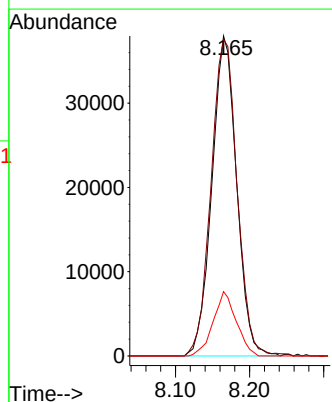
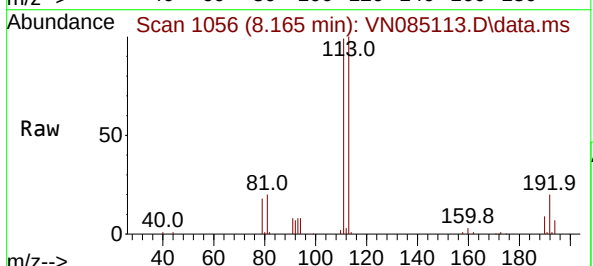
Tgt Ion:113 Resp: 87950

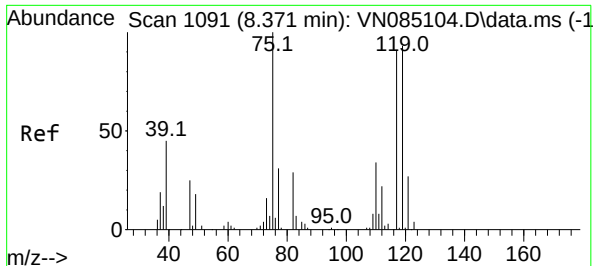
Ion Ratio Lower Upper

113 100

111 104.3 82.0 123.0

192 18.8 14.8 22.2





#36

1,1-Dichloropropene

Concen: 5.093 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085113.D

Acq: 05 Dec 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

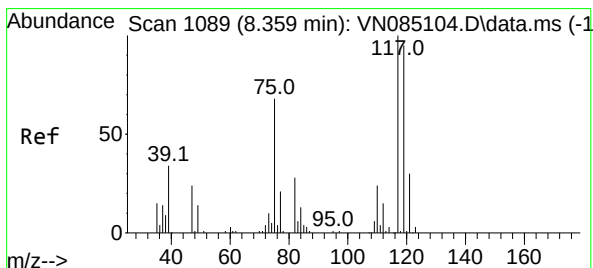
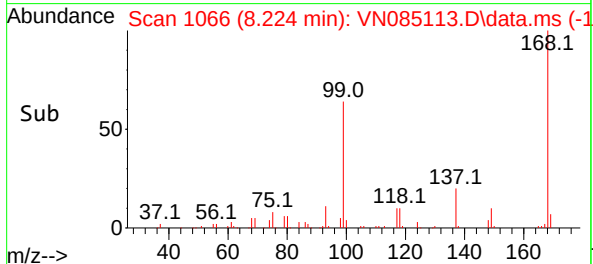
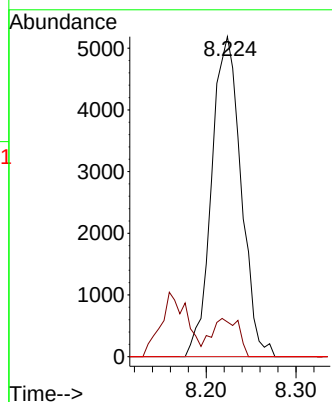
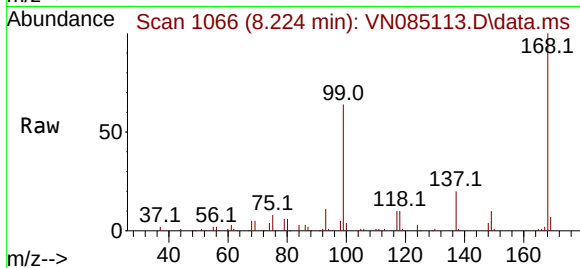
Tgt Ion: 75 Resp: 11818

Ion Ratio Lower Upper

75 100

110 11.1 17.2 51.6#

77 0.0 24.2 36.4#



#38

Carbon Tetrachloride

Concen: 5.830 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.124 min

Lab File: VN085113.D

Acq: 05 Dec 2024 13:59

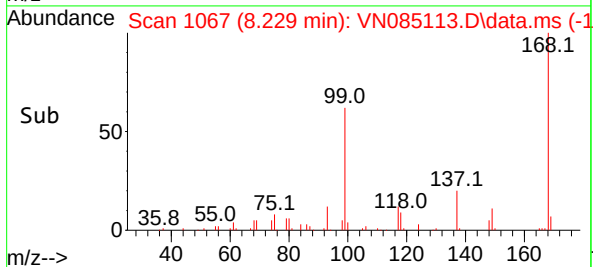
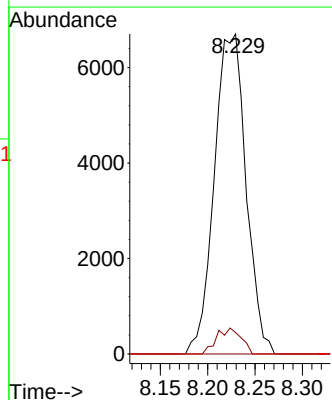
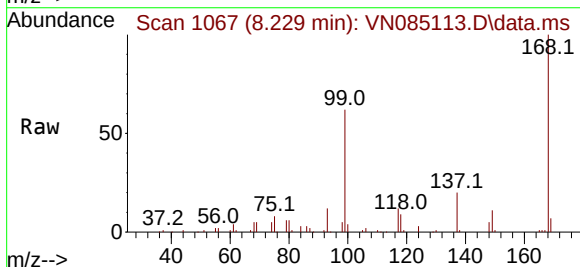
Tgt Ion: 117 Resp: 15615

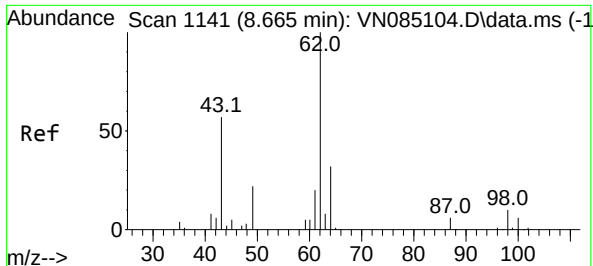
Ion Ratio Lower Upper

117 100

119 6.7 78.6 117.8#

121 0.0 24.2 36.2#





#42

1,2-Dichloroethane

Concen: 0.223 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VN085113.D

Acq: 05 Dec 2024 13:59

Instrument :

MSVOA_N

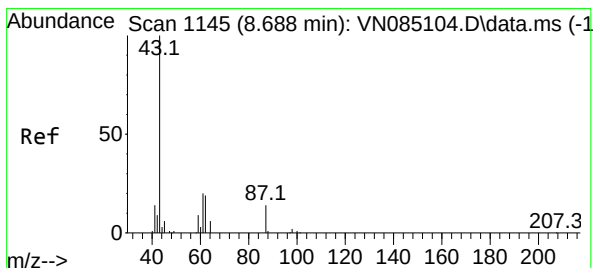
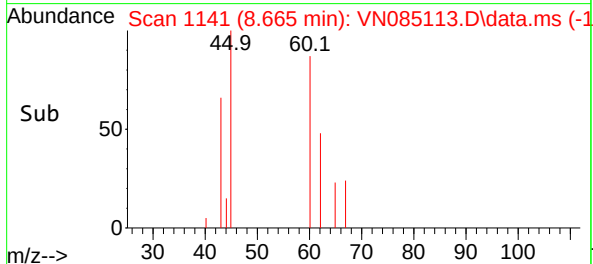
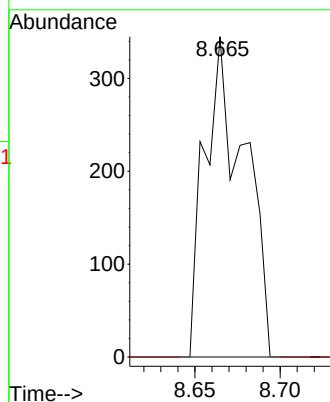
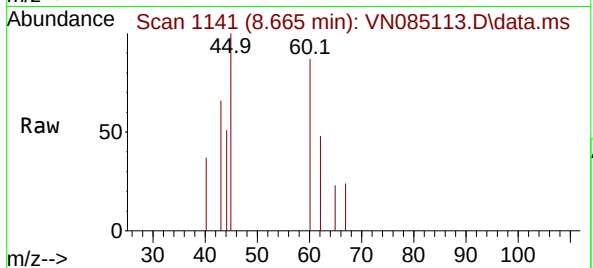
ClientSampleId :

Tgt Ion: 62 Resp: 561

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#43

Isopropyl Acetate

Concen: 0.360 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085113.D

Acq: 05 Dec 2024 13:59

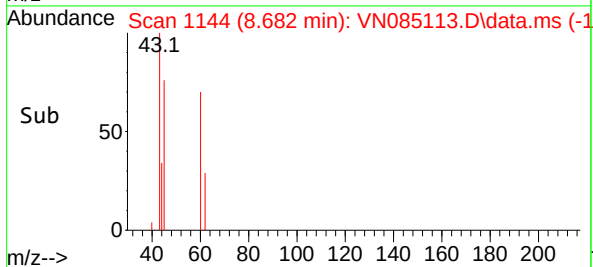
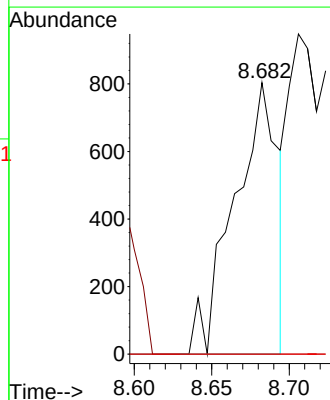
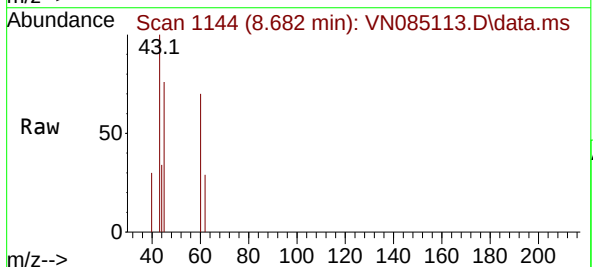
Tgt Ion: 43 Resp: 1576

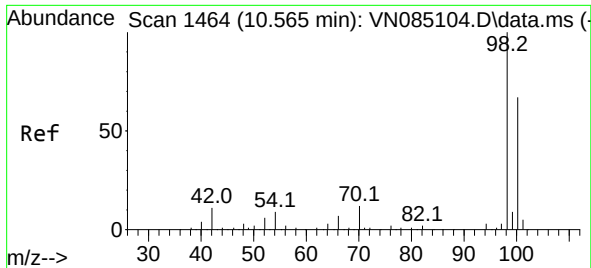
Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 0.0 11.0 16.4#

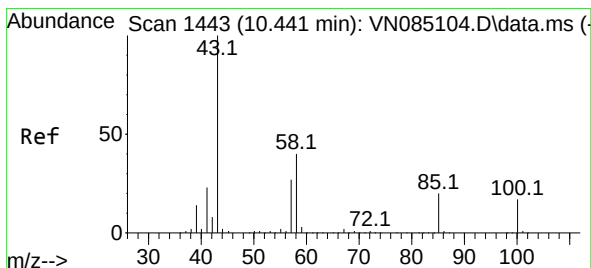
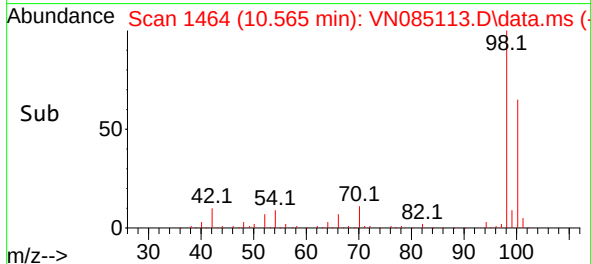
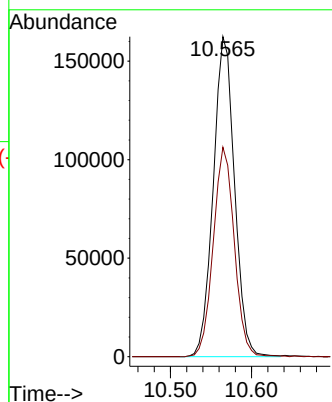
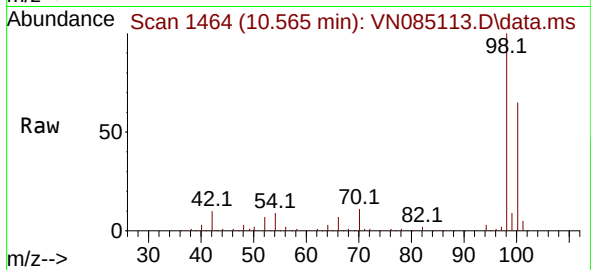




#50
Toluene-d8
Concen: 48.218 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

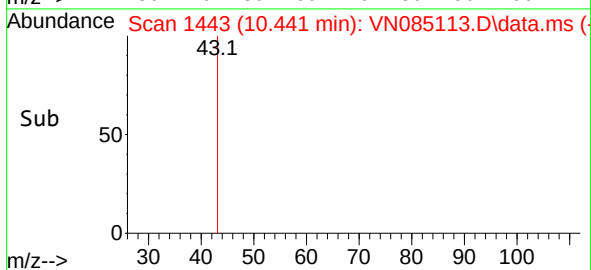
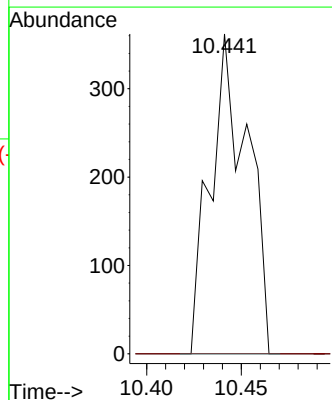
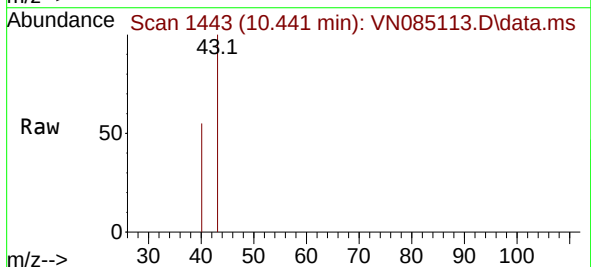
Instrument :
MSVOA_N
ClientSampleId :

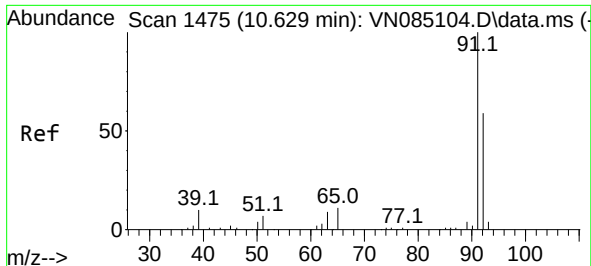
Tgt Ion: 98 Resp: 296013
Ion Ratio Lower Upper
98 100
100 64.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.248 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 0.0 32.1 48.1#

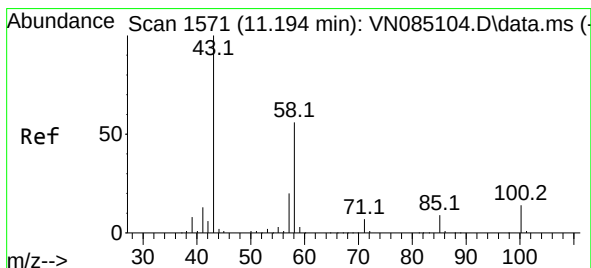
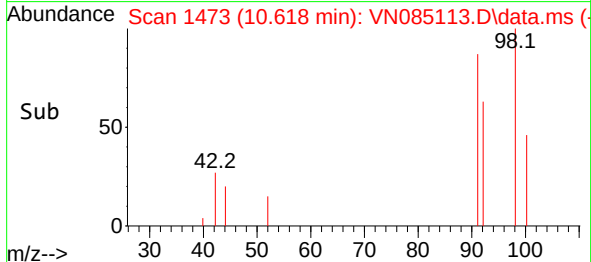
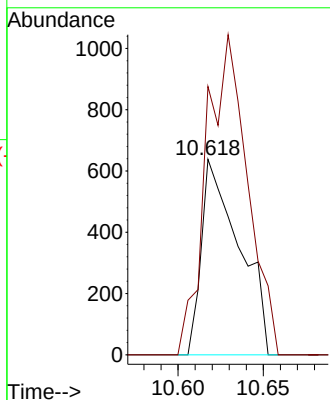
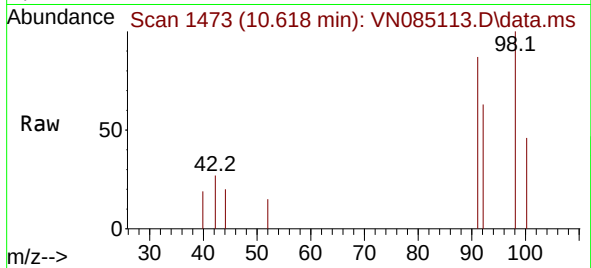




#52
Toluene
Concen: 0.226 ug/l
RT: 10.618 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

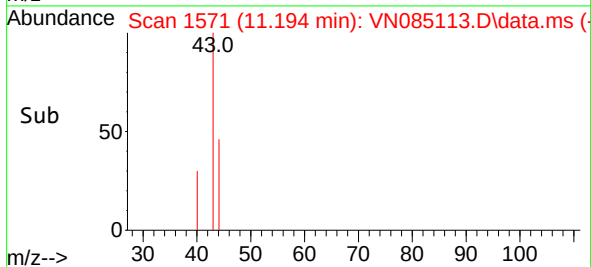
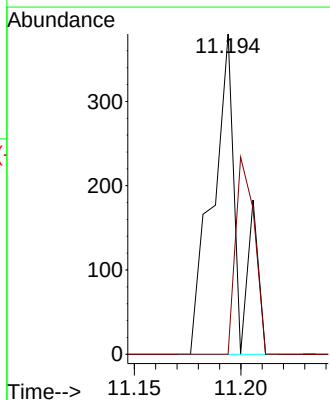
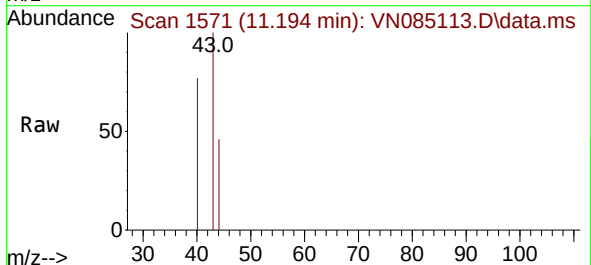
Instrument :
MSVOA_N
ClientSampleId :

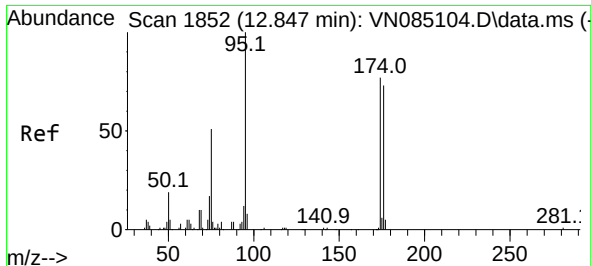
Tgt Ion: 92 Resp: 984
Ion Ratio Lower Upper
92 100
91 178.4 136.7 205.1



#59
2-Hexanone
Concen: 0.214 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 45.0 28.3 85.0

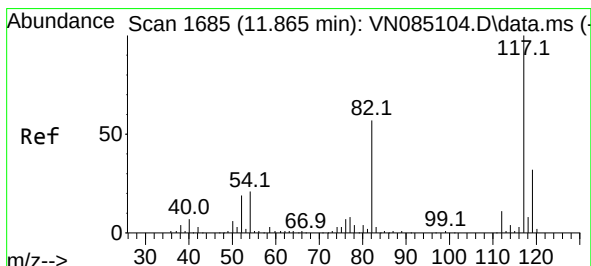
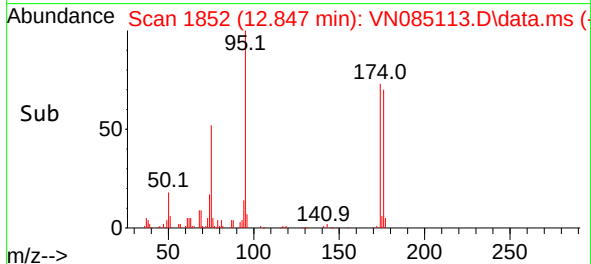
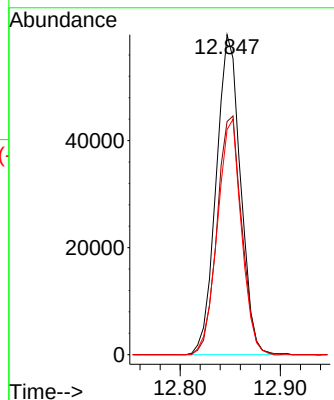
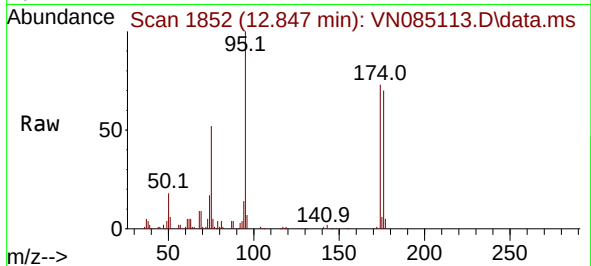




#62
4-Bromofluorobenzene
Concen: 43.719 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

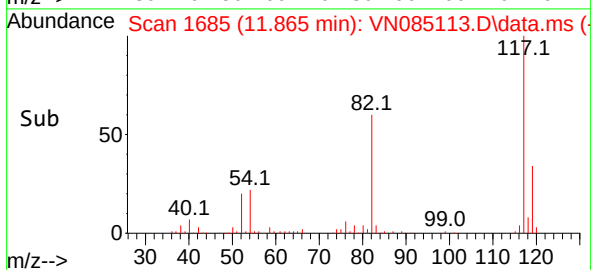
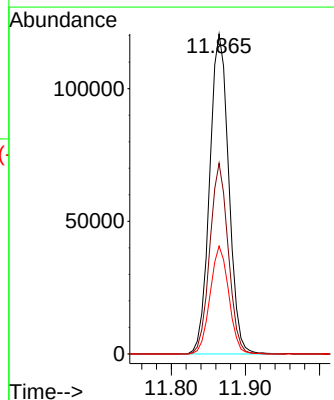
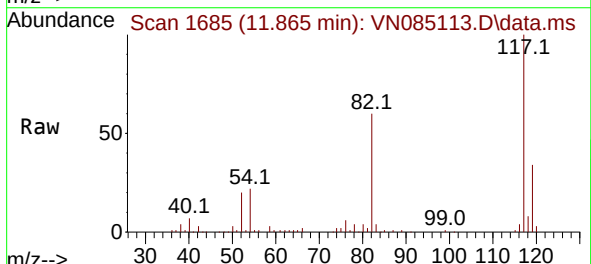
Instrument :
MSVOA_N
ClientSampleId :

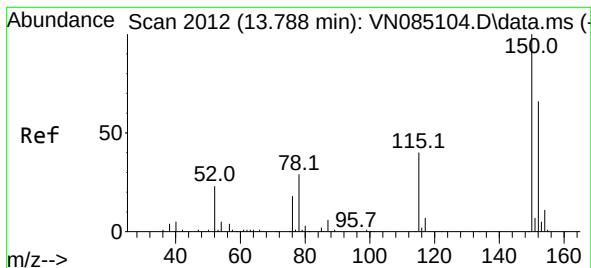
Tgt Ion: 95 Resp: 100369
Ion Ratio Lower Upper
95 100
174 76.1 0.0 146.6
176 72.8 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Tgt Ion: 117 Resp: 215741
Ion Ratio Lower Upper
117 100
82 59.6 46.0 69.0
119 33.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN085113.D

Acq: 05 Dec 2024 13:59

Instrument :

MSVOA_N

ClientSampleId :

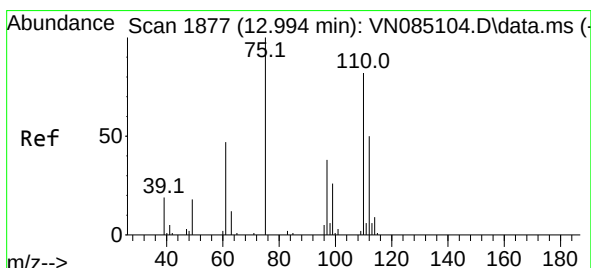
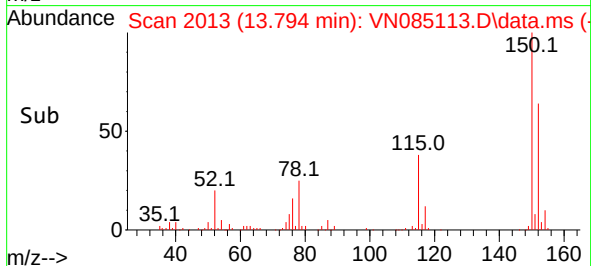
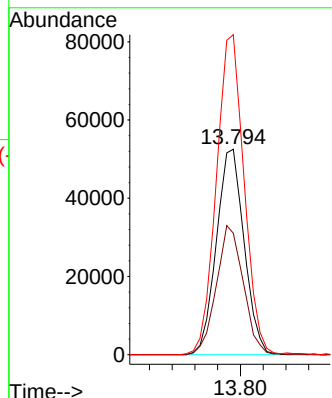
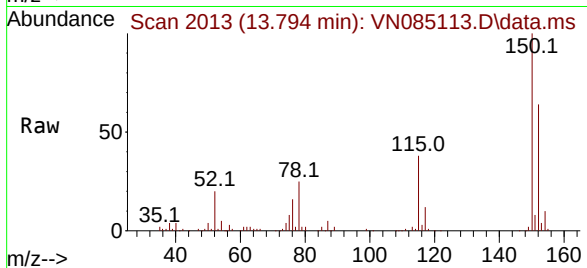
Tgt Ion:152 Resp: 89088

Ion Ratio Lower Upper

152 100

115 61.1 31.7 95.1

150 156.1 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 32.307 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085113.D

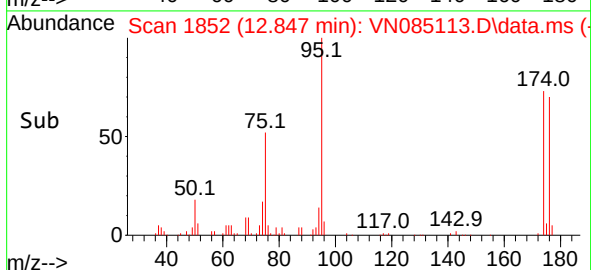
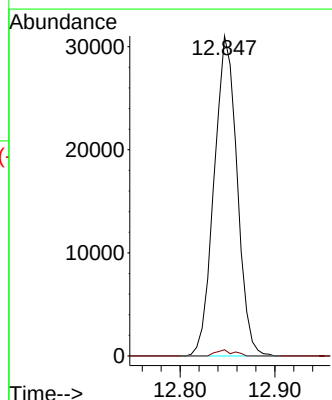
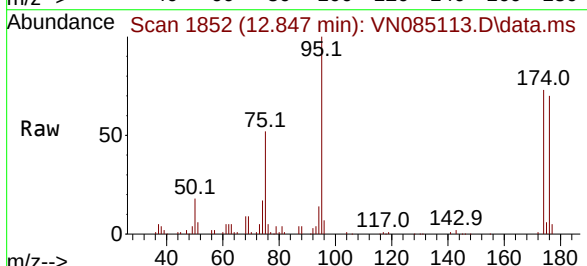
Acq: 05 Dec 2024 13:59

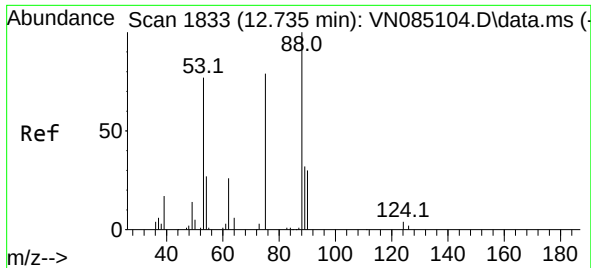
Tgt Ion: 75 Resp: 52351

Ion Ratio Lower Upper

75 100

77 1.5 109.1 327.4#

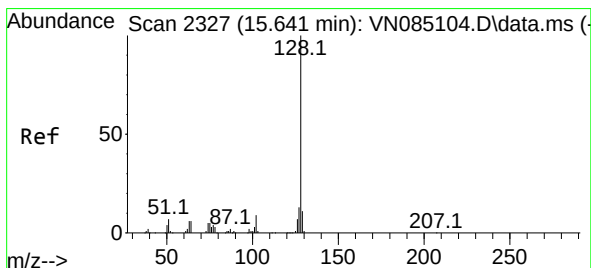
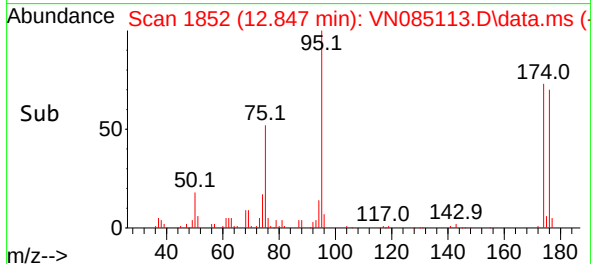
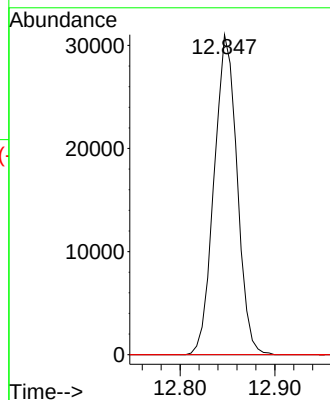
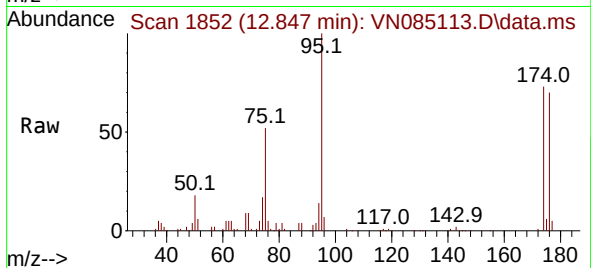




#81
trans-1,4-Dichloro-2-butene
Concen: 71.319 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 52351
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 0.223 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085113.D
Acq: 05 Dec 2024 13:59

Tgt Ion:128 Resp: 1102
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 5.0 8.6 12.8#

