

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085198.D
 Acq On : 13 Dec 2024 15:52
 Operator : JC\MD
 Sample : P5270-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:35:34 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)

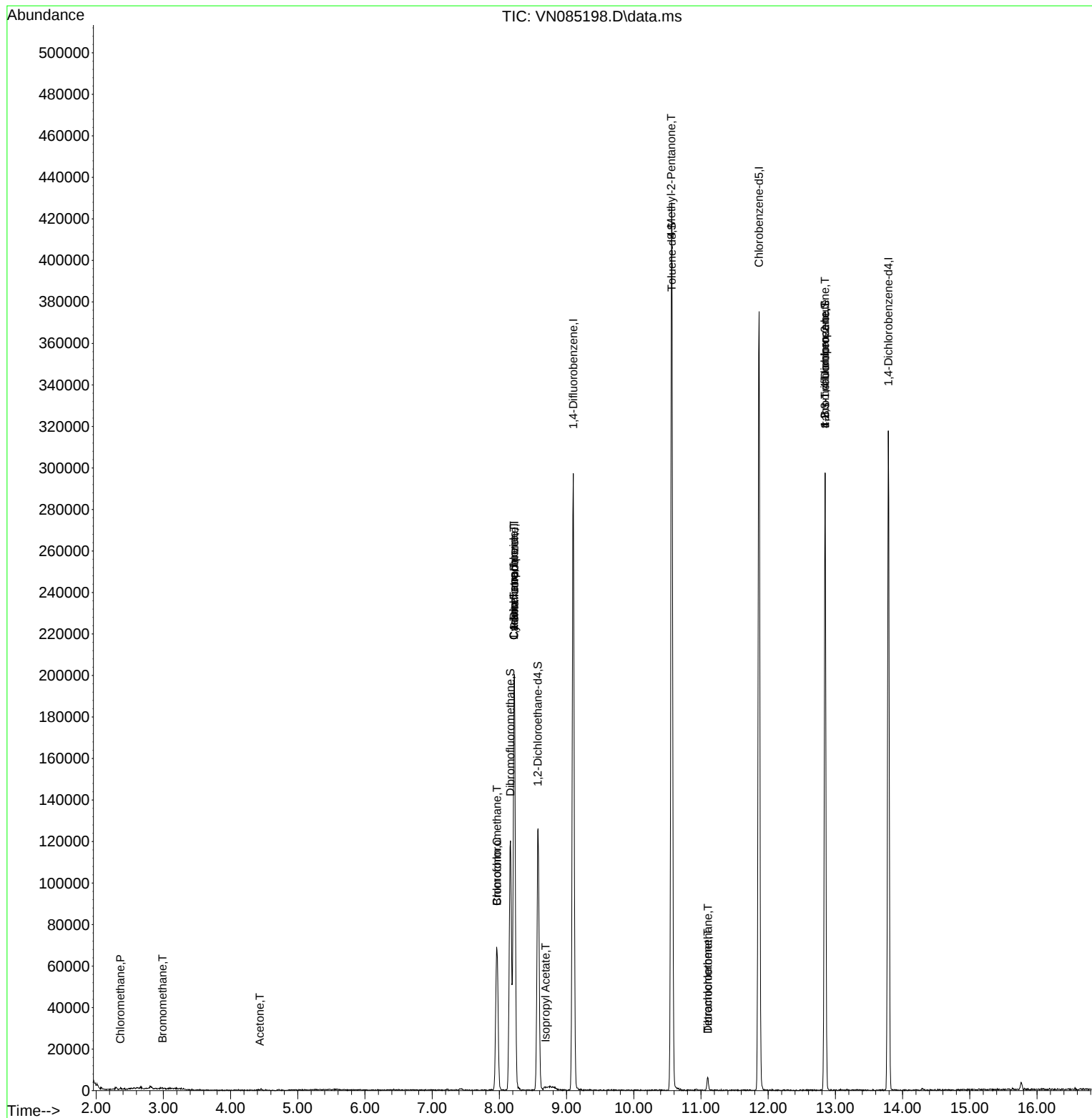
Internal Standards						
1) Pentafluorobenzene	8.224	168	144306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	217141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106645	51.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.760%			
35) Dibromofluoromethane	8.165	113	86533	51.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.100%			
50) Toluene-d8	10.565	98	295508	48.644	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.280%			
62) 4-Bromofluorobenzene	12.847	95	97481	42.909	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.820%			
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	439	0.232	ug/l #	40
5) Bromomethane	2.989	94	279	0.293	ug/l #	1
16) Acetone	4.436	43	512	0.855	ug/l #	43
18) Methyl Acetate	5.024	43	68	Below Cal	#	50
28) Bromochloromethane	7.965	49	5458	4.649	ug/l #	14
30) Chloroform	7.965	83	69640	21.051	ug/l	93
31) Cyclohexane	8.218	56	3189	1.165	ug/l #	22
36) 1,1-Dichloropropene	8.218	75	11392	4.962	ug/l #	50
38) Carbon Tetrachloride	8.218	117	15192	5.732	ug/l #	17
43) Isopropyl Acetate	8.688	43	1125	0.259	ug/l #	55
51) 4-Methyl-2-Pentanone	10.559	43	1264	0.638	ug/l #	1
60) Dibromochloromethane	11.106	129	1350	0.690	ug/l #	10
64) Tetrachloroethene	11.100	164	1580	1.080	ug/l #	75
76) 1,2,3-Trichloropropane	12.847	75	53706	33.636	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53706	74.254	ug/l #	10

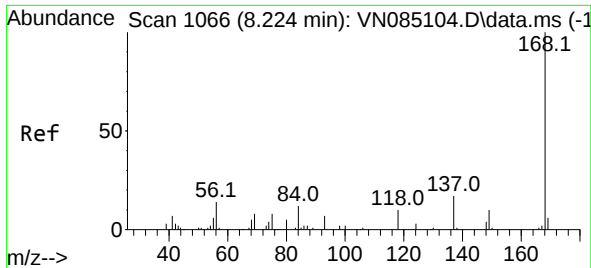
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
Data File : VN085198.D
Acq On : 13 Dec 2024 15:52
Operator : JC\MD
Sample : P5270-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

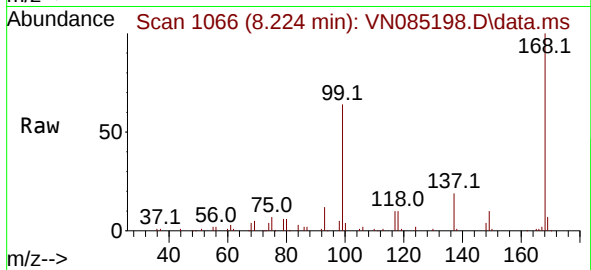
Quant Time: Dec 13 23:35:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



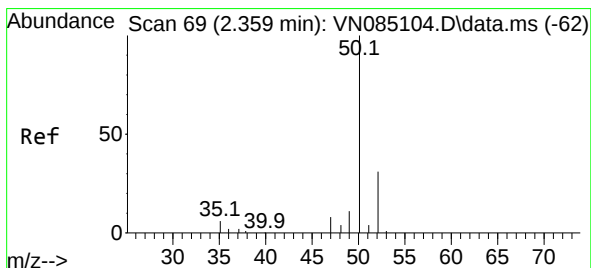
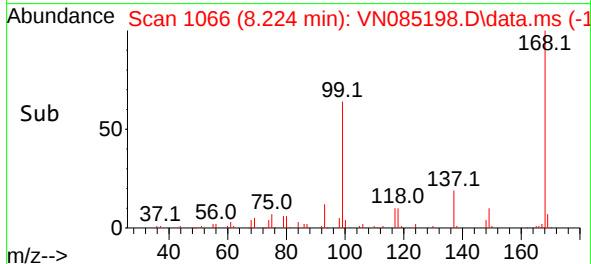
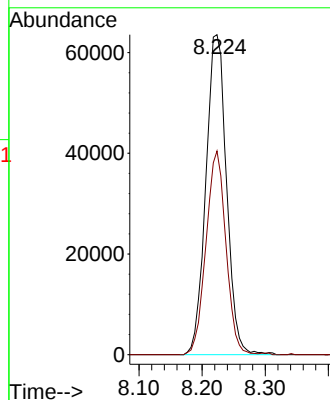


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

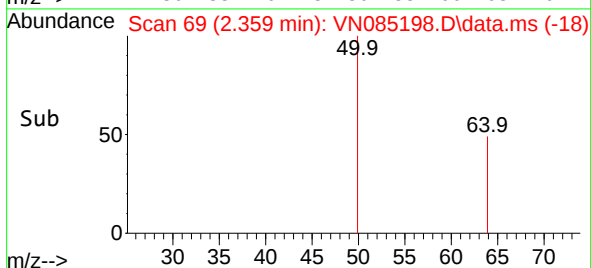
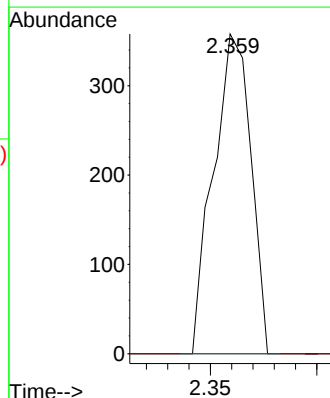
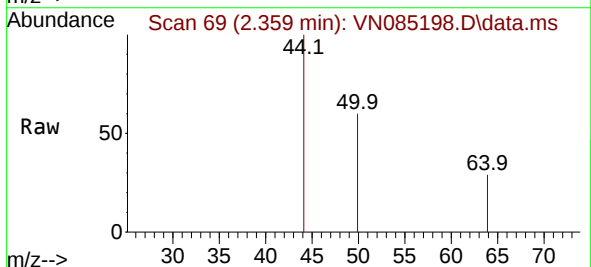


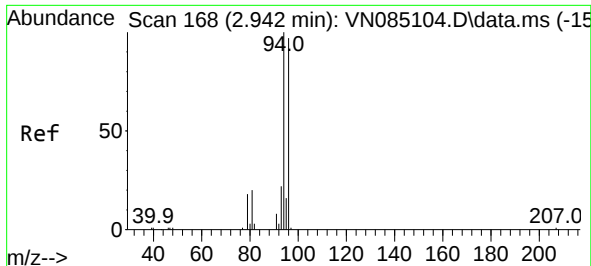
Tgt Ion:168 Resp: 144306
Ion Ratio Lower Upper
168 100
99 63.7 51.2 76.8



#3
Chloromethane
Concen: 0.232 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

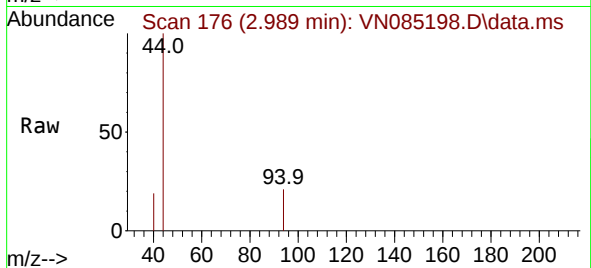
Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#



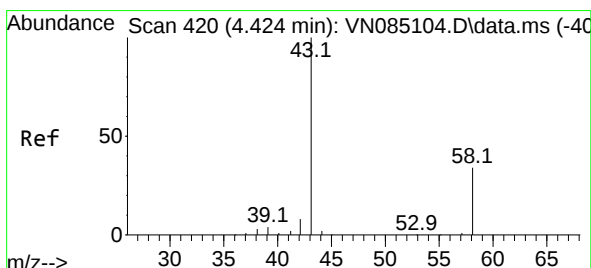
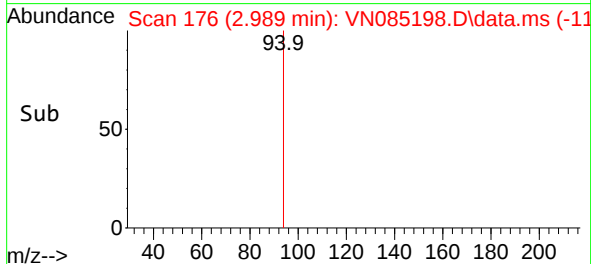
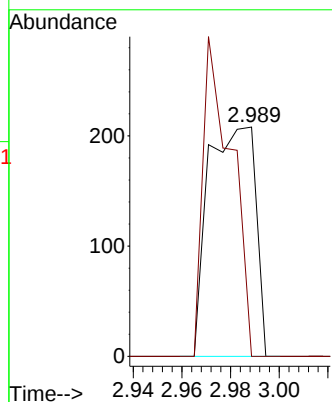


#5
Bromomethane
Concen: 0.293 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.088 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

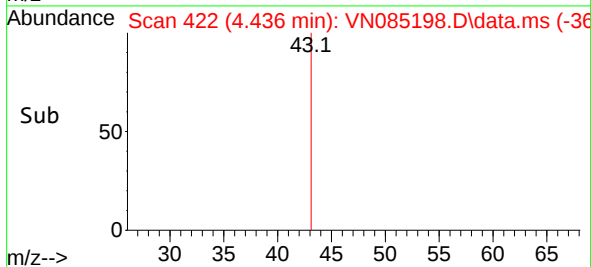
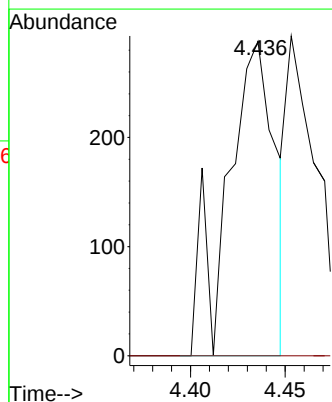
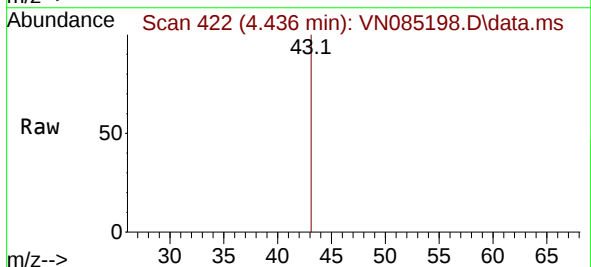


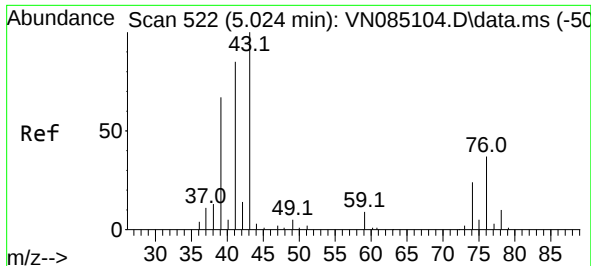
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 0.0 78.7 118.1#



#16
Acetone
Concen: 0.855 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.011 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

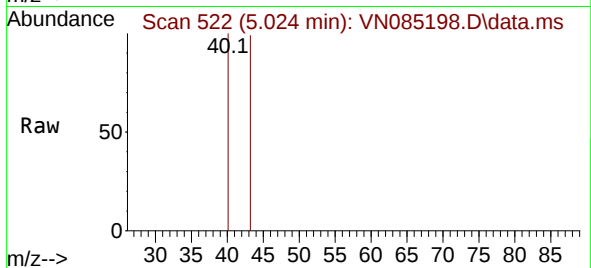
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



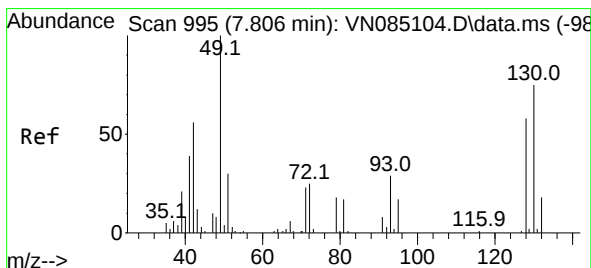
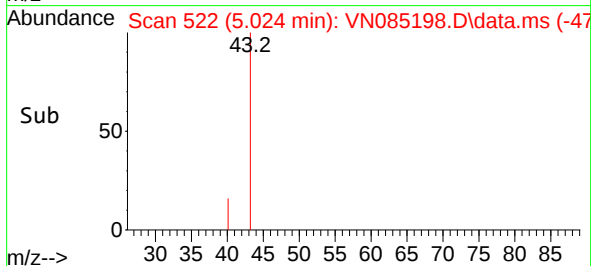
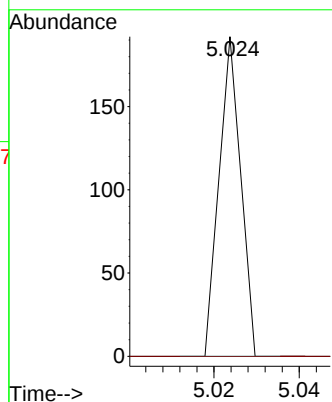


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

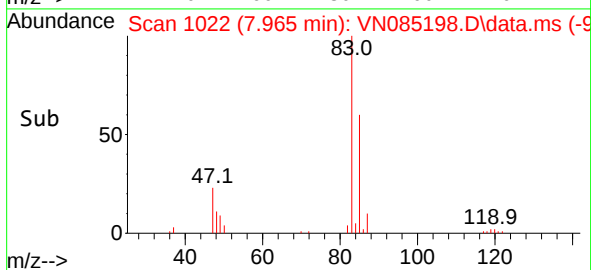
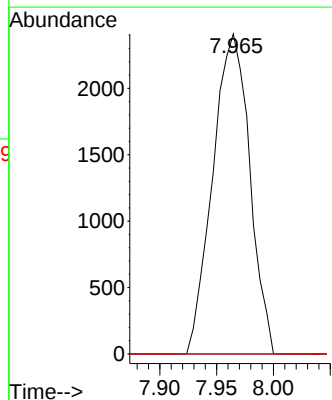
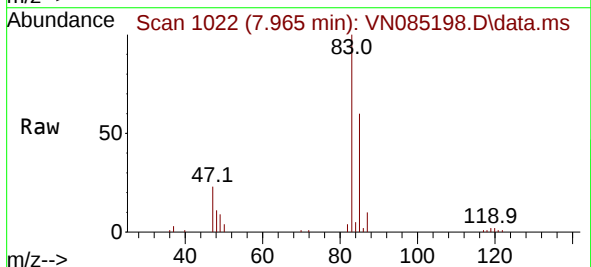


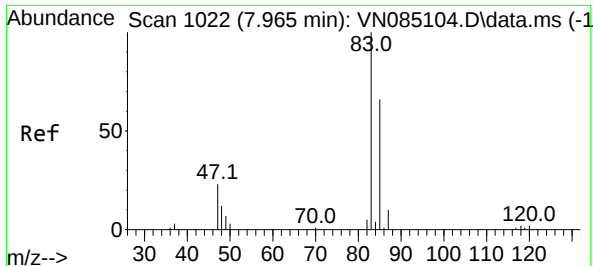
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#28
Bromochloromethane
Concen: 4.649 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.159 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Tgt Ion: 49 Resp: 5458
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 60.6 90.8#





#30

Chloroform

Concen: 21.051 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

Instrument :

MSVOA_N

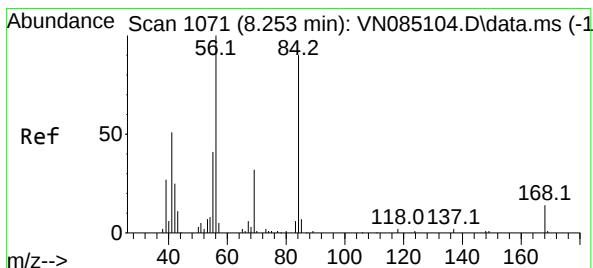
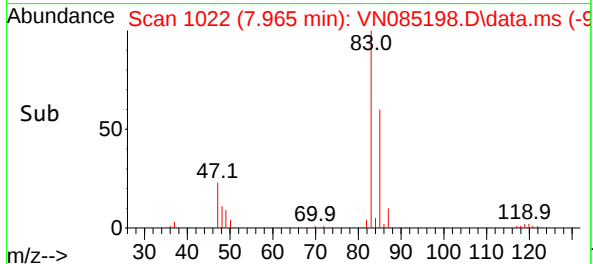
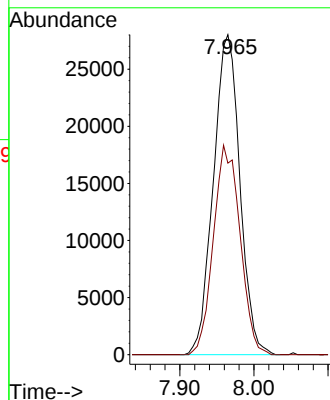
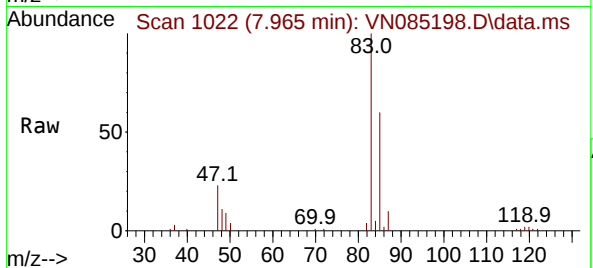
ClientSampleId :

Tgt Ion: 83 Resp: 69640

Ion Ratio Lower Upper

83 100

85 59.8 52.6 78.8



#31

Cyclohexane

Concen: 1.165 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.036 min

Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

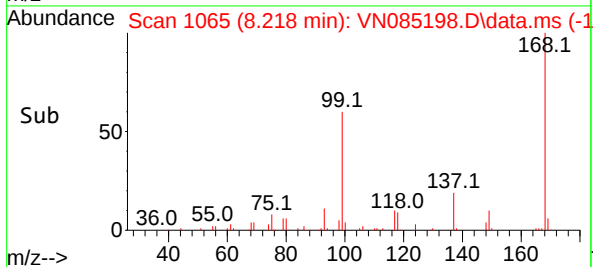
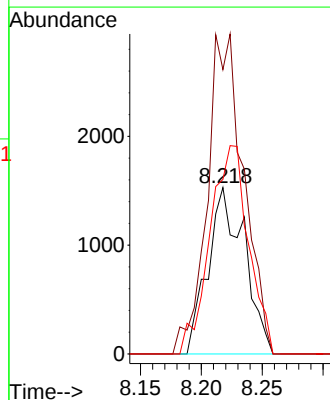
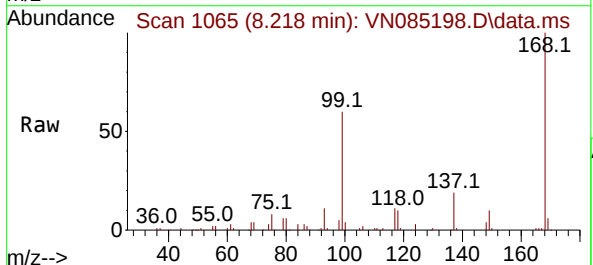
Tgt Ion: 56 Resp: 3189

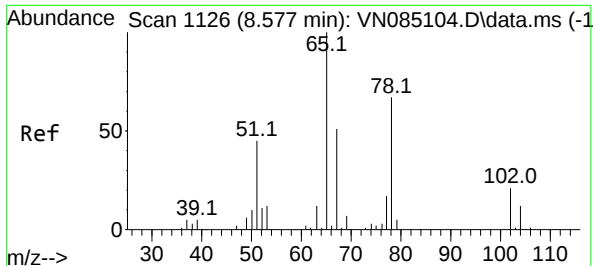
Ion Ratio Lower Upper

56 100

69 170.8 24.6 36.8

84 104.9 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 51.882 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

Instrument :

MSVOA_N

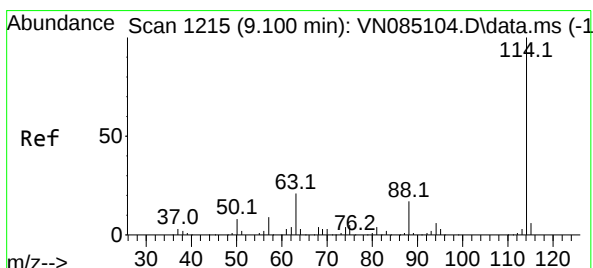
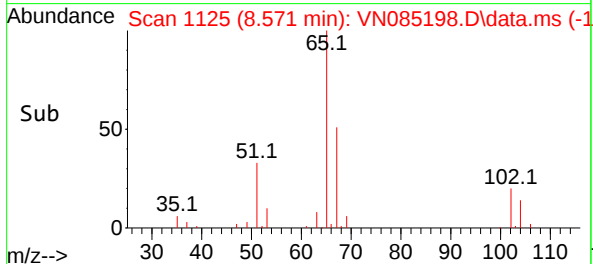
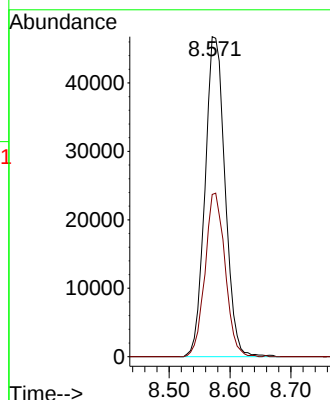
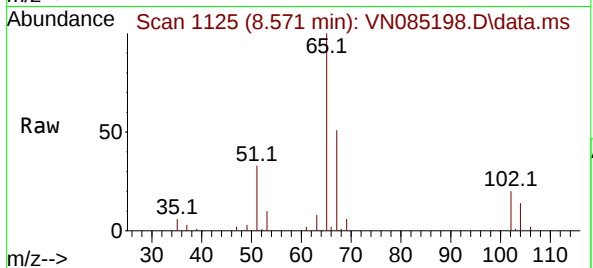
ClientSampleId :

Tgt Ion: 65 Resp: 106645

Ion Ratio Lower Upper

65 100

67 51.2 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: VN085198.D

Acq: 13 Dec 2024 15:52

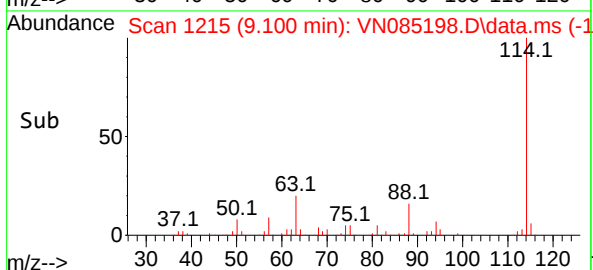
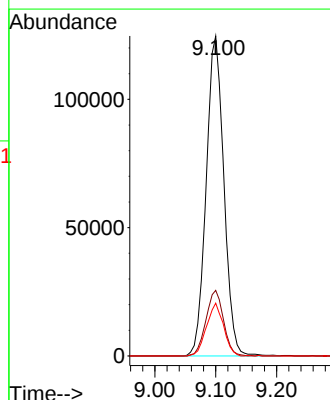
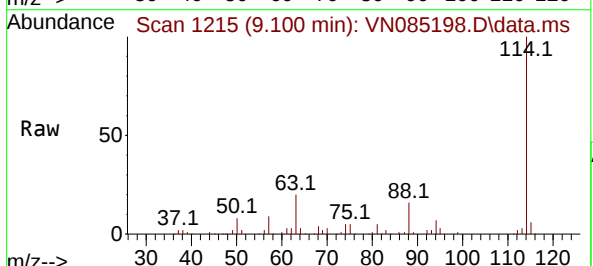
Tgt Ion: 114 Resp: 251366

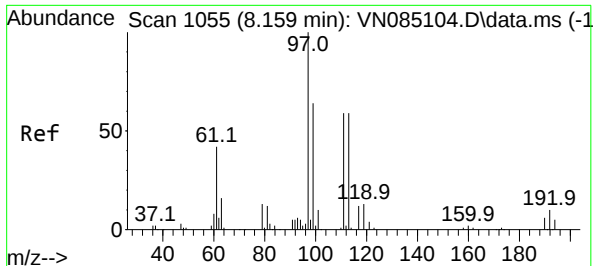
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 16.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.048 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

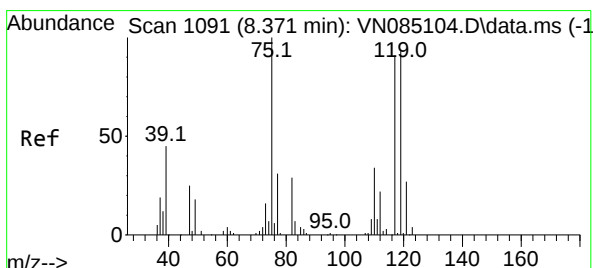
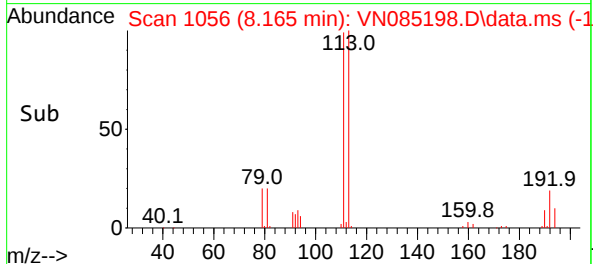
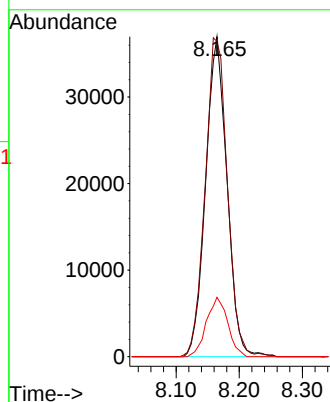
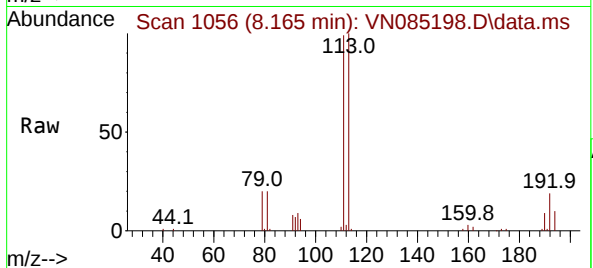
Tgt Ion:113 Resp: 86533

Ion Ratio Lower Upper

113 100

111 104.1 82.0 123.0

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.962 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

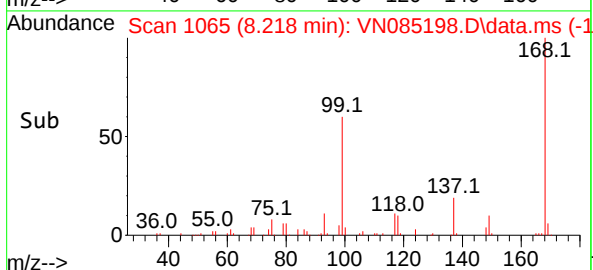
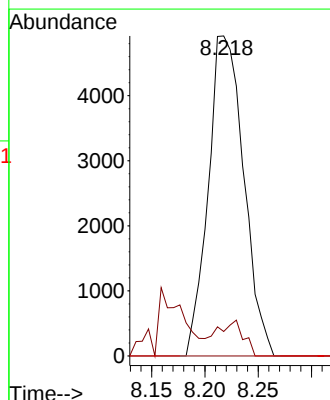
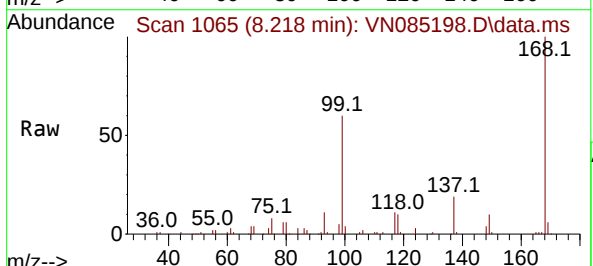
Tgt Ion: 75 Resp: 11392

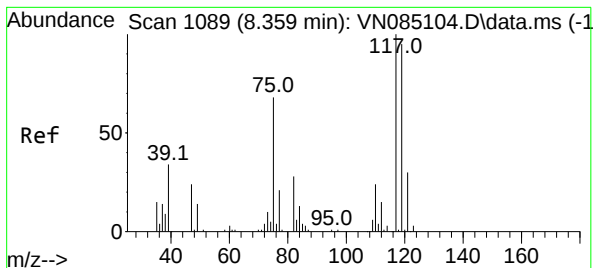
Ion Ratio Lower Upper

75 100

110 8.3 17.2 51.6#

77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 5.732 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.136 min

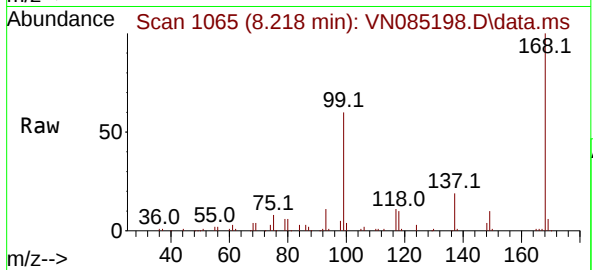
Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :



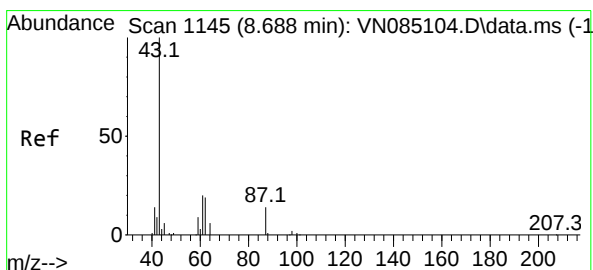
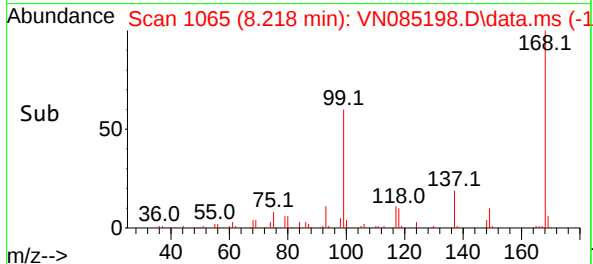
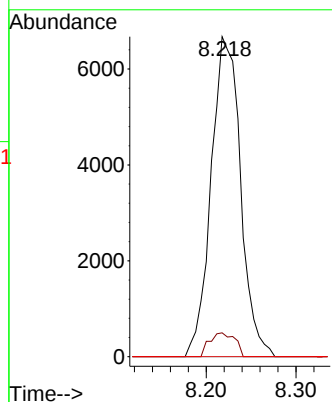
Tgt Ion:117 Resp: 15192

Ion Ratio Lower Upper

117 100

119 7.5 78.6 117.8#

121 0.0 24.2 36.2#



#43

Isopropyl Acetate

Concen: 0.259 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.006 min

Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

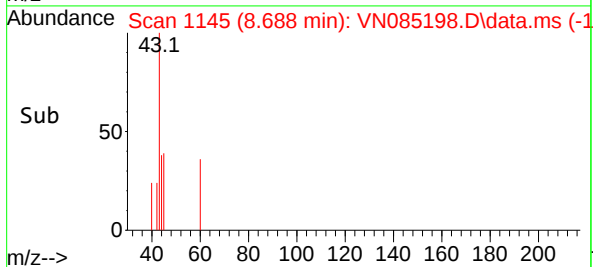
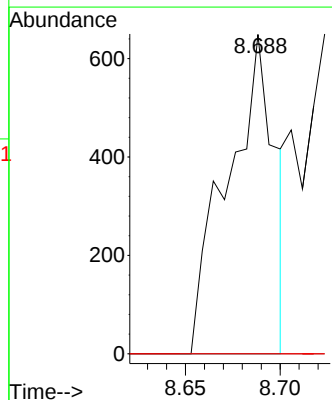
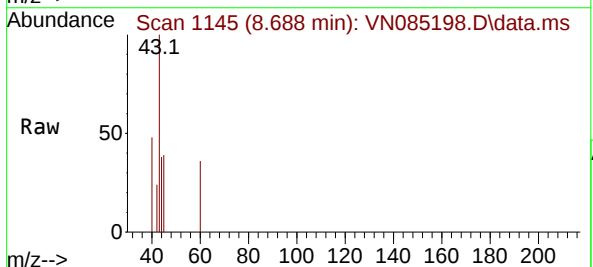
Tgt Ion: 43 Resp: 1125

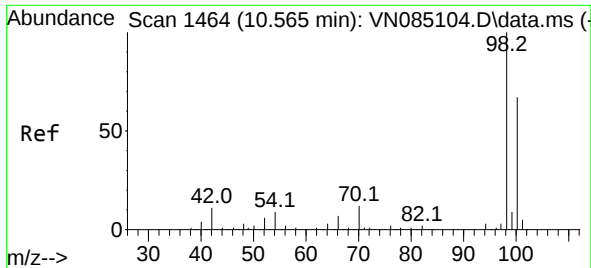
Ion Ratio Lower Upper

43 100

61 0.0 20.6 30.8#

87 0.0 11.0 16.4#

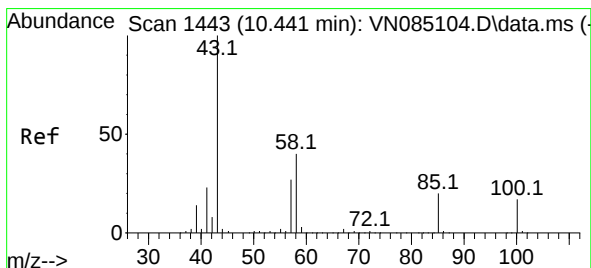
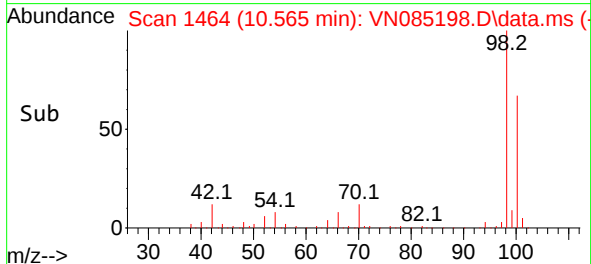
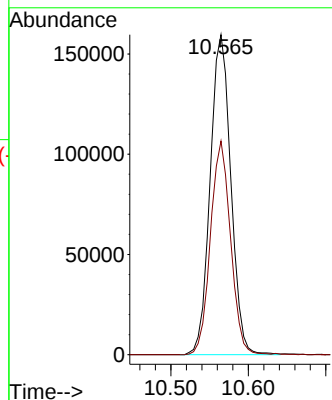
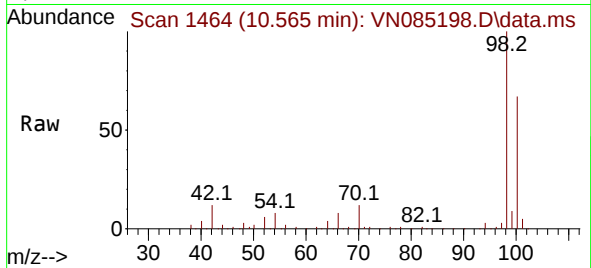




#50
Toluene-d8
Concen: 48.644 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

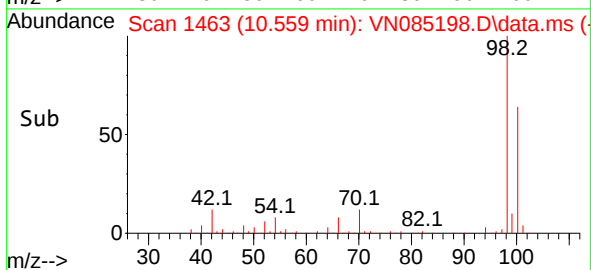
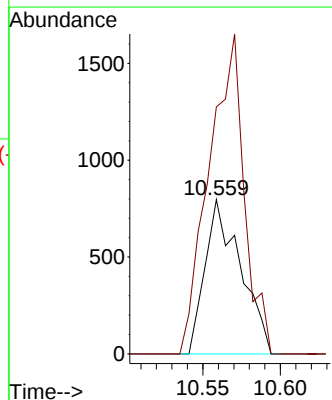
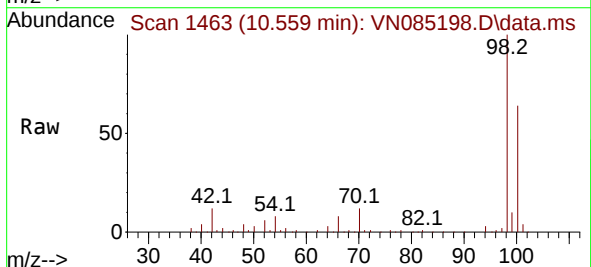
Instrument :
MSVOA_N
ClientSampleId :

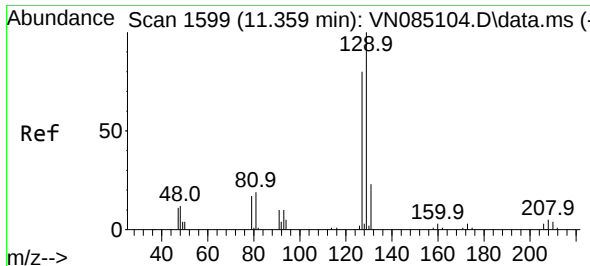
Tgt Ion: 98 Resp: 295508
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.638 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.117 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Tgt Ion: 43 Resp: 1264
Ion Ratio Lower Upper
43 100
58 206.3 32.1 48.1#

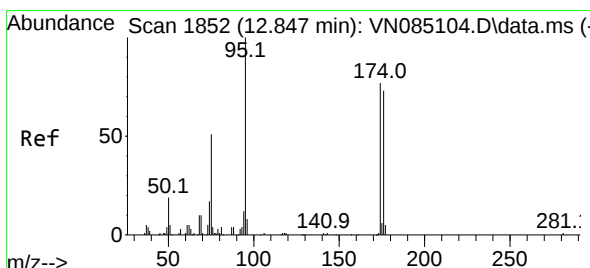
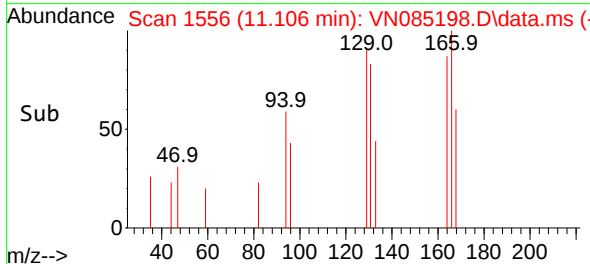
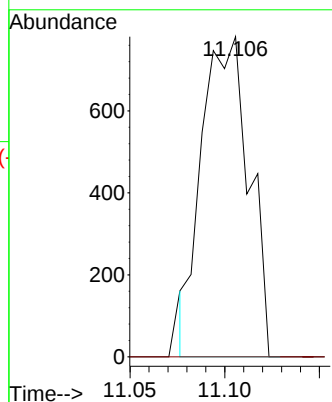
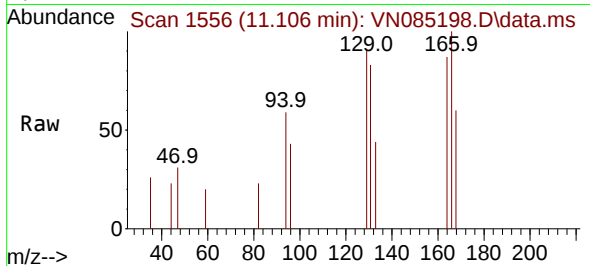




#60
Dibromochloromethane
Concen: 0.690 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

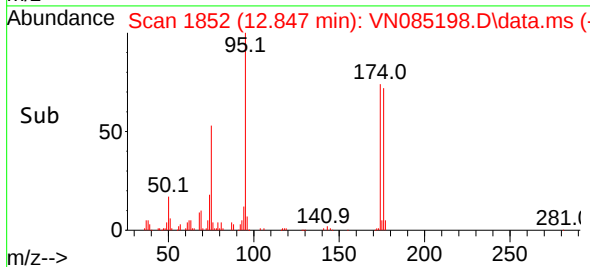
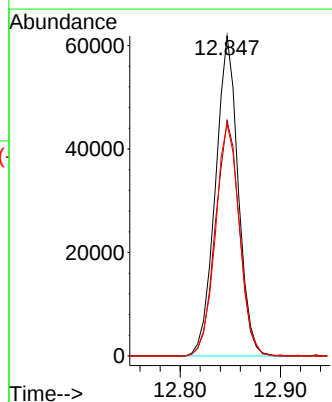
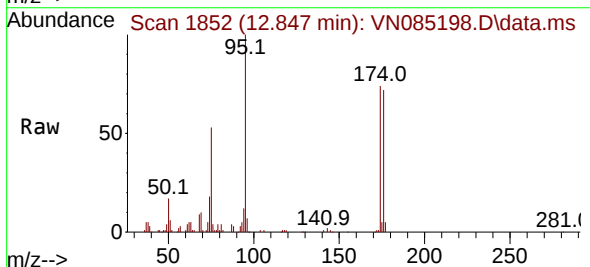
Instrument :
MSVOA_N
ClientSampleId :

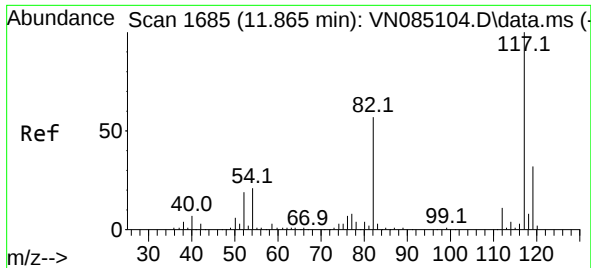
Tgt Ion:129 Resp: 1350
Ion Ratio Lower Upper
129 100
127 0.0 39.2 117.6#



#62
4-Bromofluorobenzene
Concen: 42.909 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Tgt Ion: 95 Resp: 97481
Ion Ratio Lower Upper
95 100
174 77.0 0.0 146.6
176 76.5 0.0 141.8

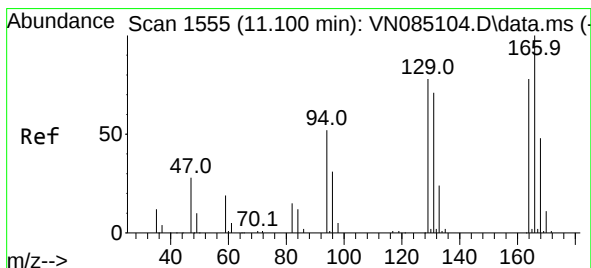
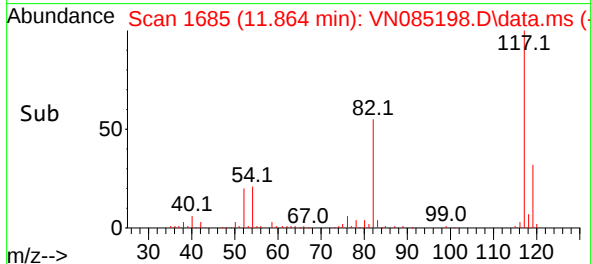
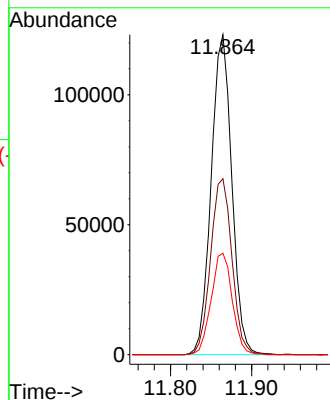
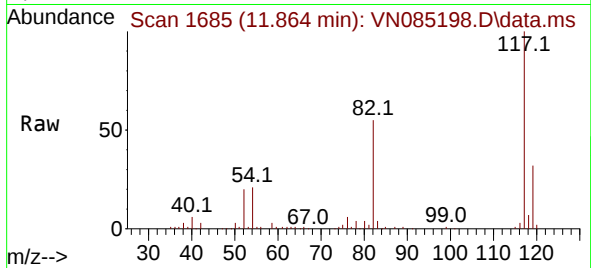




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

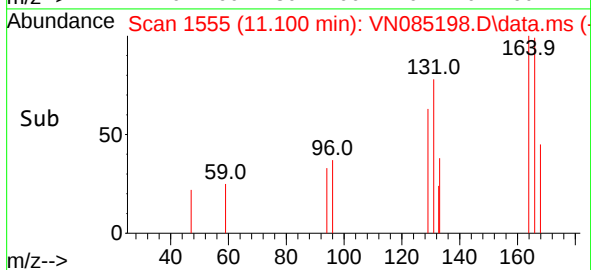
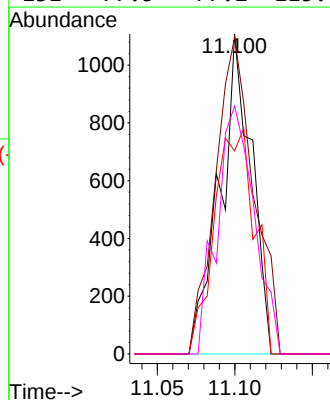
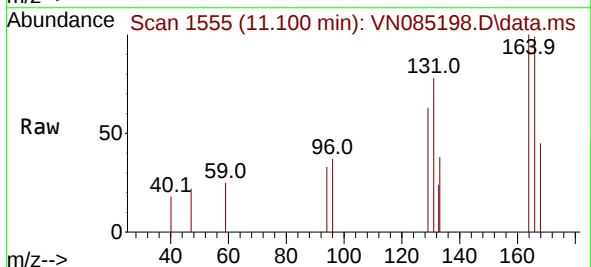
Instrument :
MSVOA_N
ClientSampleId :

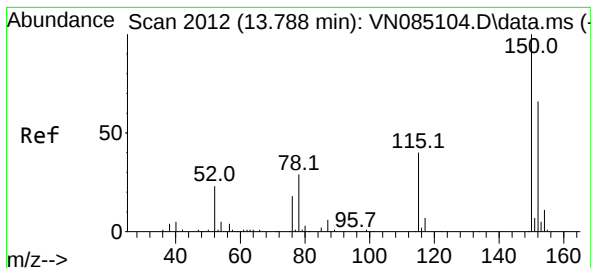
Tgt Ion:117 Resp: 217141
Ion Ratio Lower Upper
117 100
82 55.0 46.0 69.0
119 31.7 25.6 38.4



#64
Tetrachloroethene
Concen: 1.080 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085198.D
Acq: 13 Dec 2024 15:52

Tgt Ion:164 Resp: 1580
Ion Ratio Lower Upper
164 100
166 99.0 100.6 151.0#
129 63.4 77.7 116.5#
131 77.5 77.2 115.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085198.D

Acq: 13 Dec 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

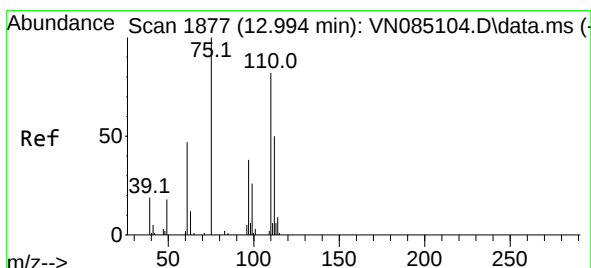
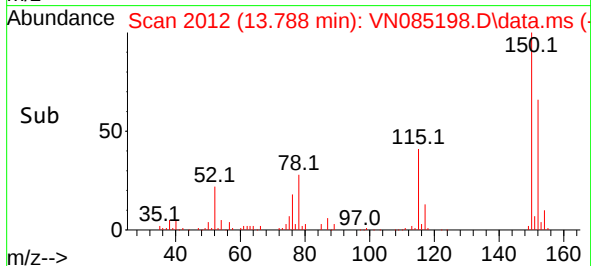
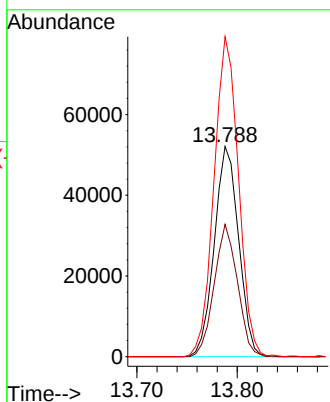
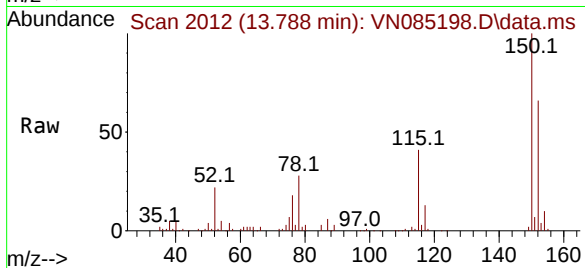
Tgt Ion:152 Resp: 87781

Ion Ratio Lower Upper

152 100

115 60.2 31.7 95.1

150 153.2 0.0 351.4



#76

1,2,3-Trichloropropane

Concen: 33.636 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN085198.D

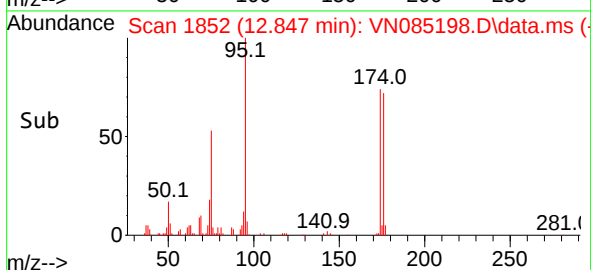
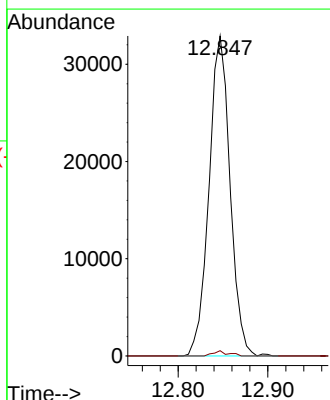
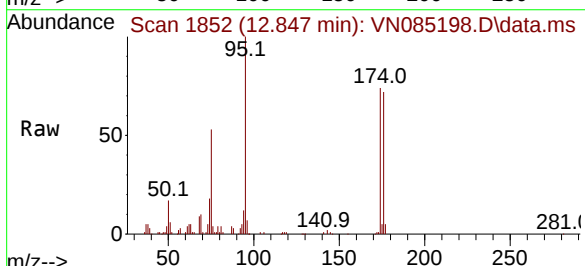
Acq: 13 Dec 2024 15:52

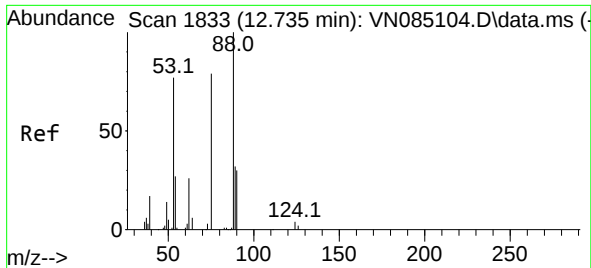
Tgt Ion: 75 Resp: 53706

Ion Ratio Lower Upper

75 100

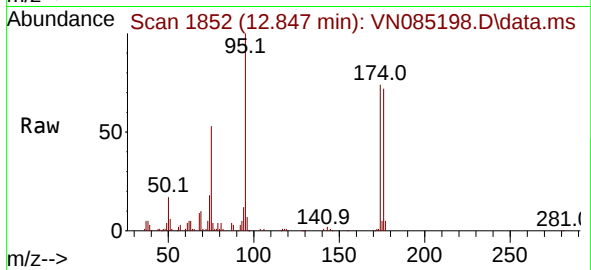
77 1.1 109.1 327.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.254 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VN085198.D
 Acq: 13 Dec 2024 15:52

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 53706
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.4#
 89 0.0 37.9 56.9#

