

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085197.D
 Acq On : 13 Dec 2024 15:28
 Operator : JC\MD
 Sample : P5270-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 13 23:35:07 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)

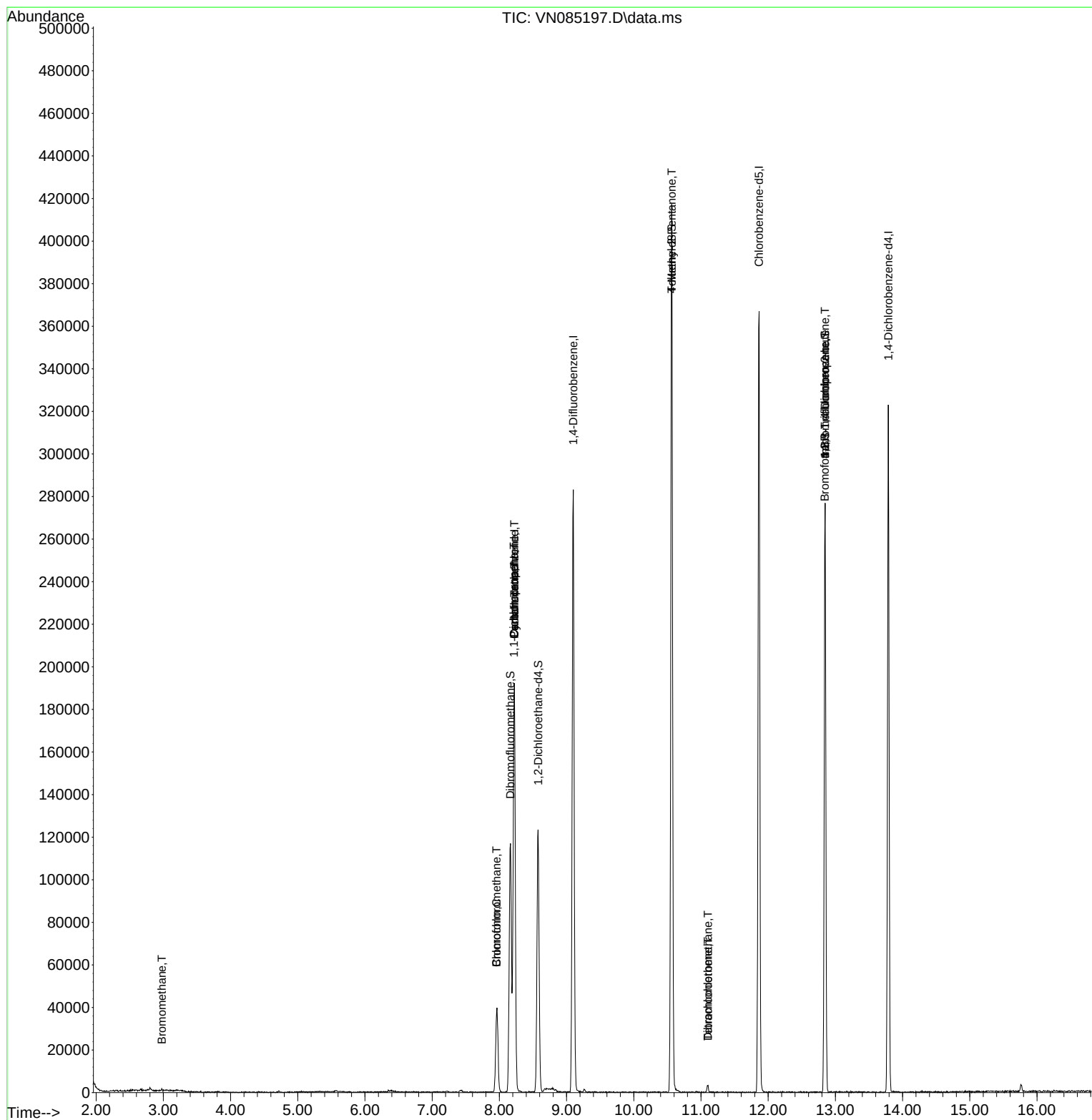
Internal Standards						
1) Pentafluorobenzene	8.223	168	137054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	210970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	104535	53.546	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.100%	
35) Dibromofluoromethane	8.165	113	85236	52.188	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.380%	
50) Toluene-d8	10.565	98	282126	48.201	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.847	95	95621	43.685	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 87.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	211	0.233	ug/l #	52
18) Methyl Acetate	5.030	43	59	Below Cal	#	50
28) Bromochloromethane	7.959	49	2856	2.562	ug/l #	14
30) Chloroform	7.959	83	37777	12.024	ug/l	97
31) Cyclohexane	8.223	56	3079	1.184	ug/l #	10
36) 1,1-Dichloropropene	8.218	75	12015	5.431	ug/l #	49
38) Carbon Tetrachloride	8.223	117	15204	5.954	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	1263	0.662	ug/l #	1
60) Dibromochloromethane	11.106	129	748	0.397	ug/l #	10
64) Tetrachloroethene	11.106	164	826	0.581	ug/l #	69
71) Bromoform	12.841	173	622	0.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	50662	33.341	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	50662	73.603	ug/l #	10

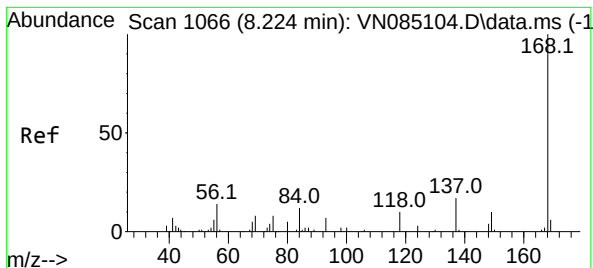
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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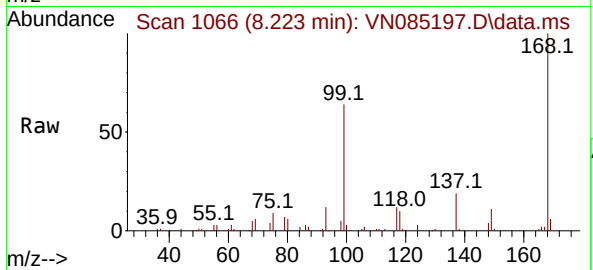
Quant Time: Dec 13 23:35:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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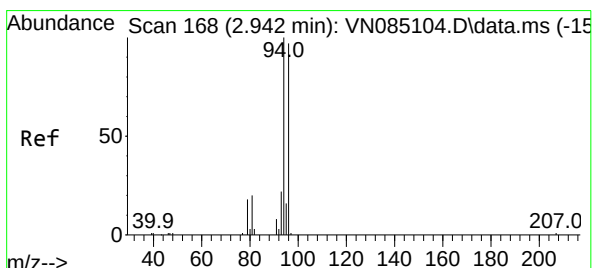
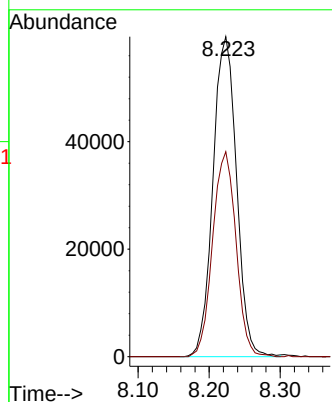
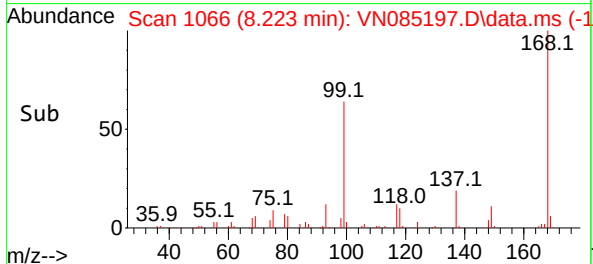


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

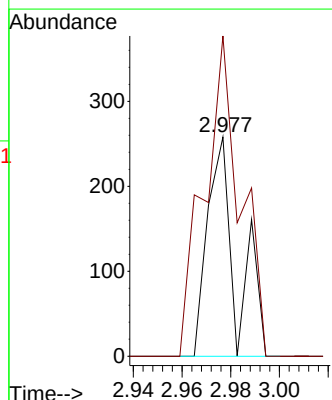
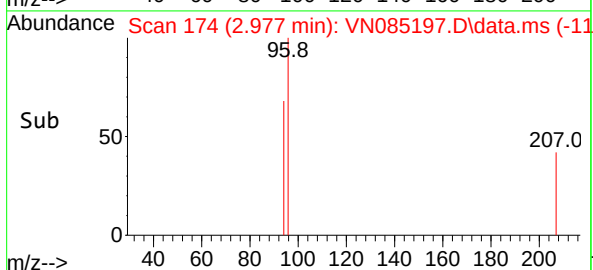
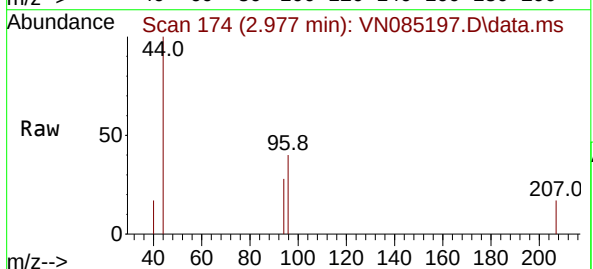


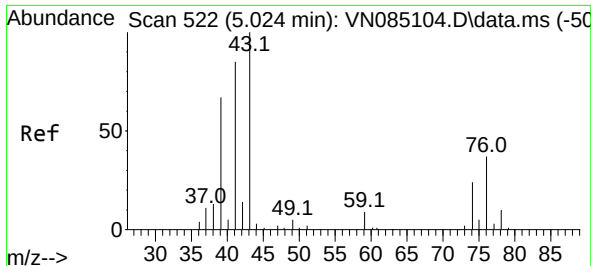
Tgt Ion:168 Resp: 137054
Ion Ratio Lower Upper
168 100
99 64.0 51.2 76.8



#5
Bromomethane
Concen: 0.233 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.076 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

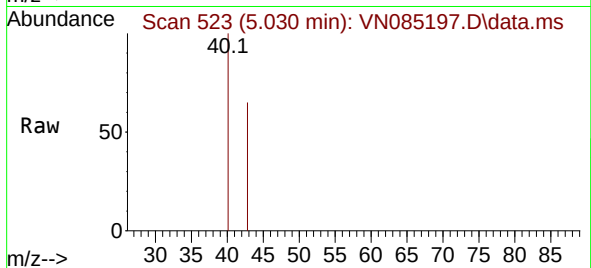
Tgt Ion: 94 Resp: 211
Ion Ratio Lower Upper
94 100
96 146.1 78.7 118.1#



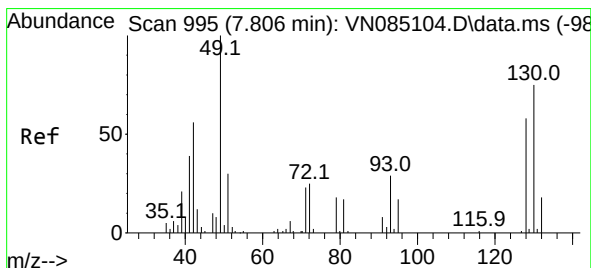
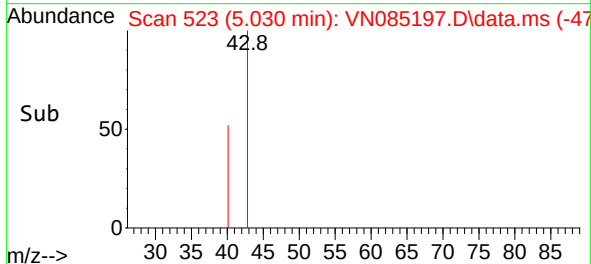
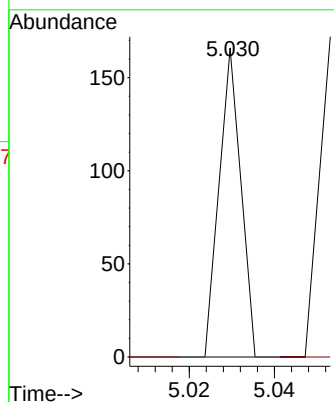


#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

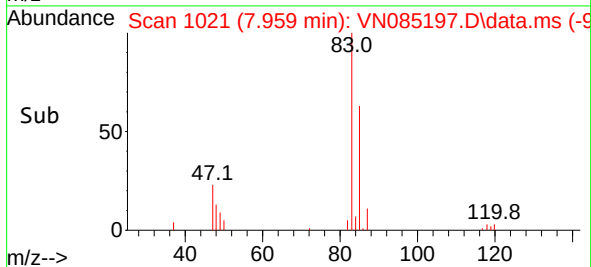
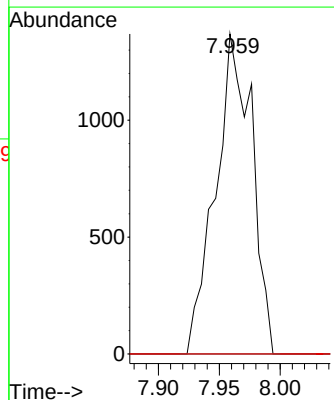
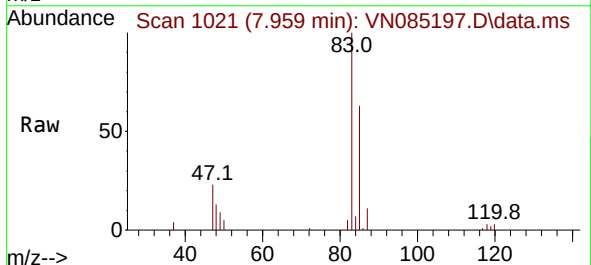


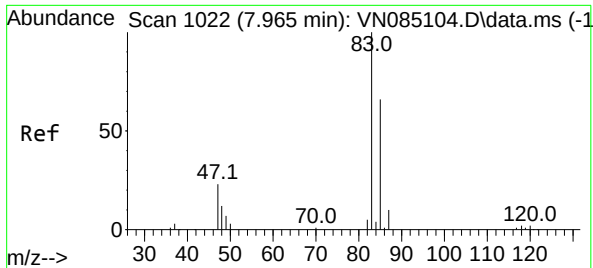
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#



#28
Bromochloromethane
Concen: 2.562 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.153 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Tgt Ion: 49 Resp: 2856
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 60.6 90.8#

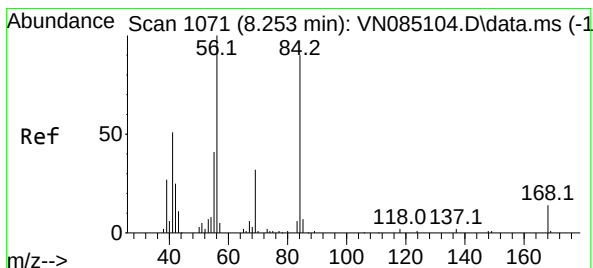
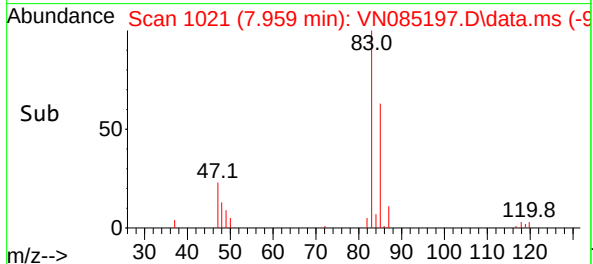
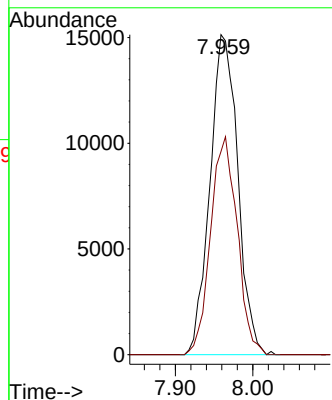
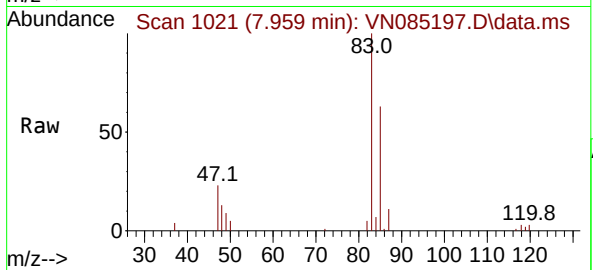




#30
Chloroform
Concen: 12.024 ug/l
RT: 7.959 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

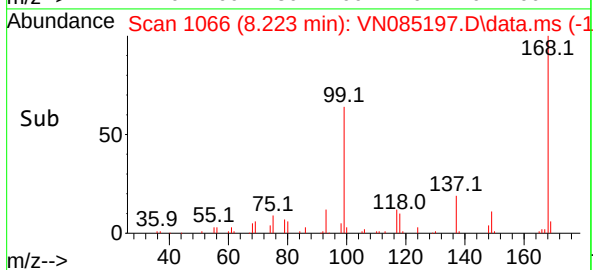
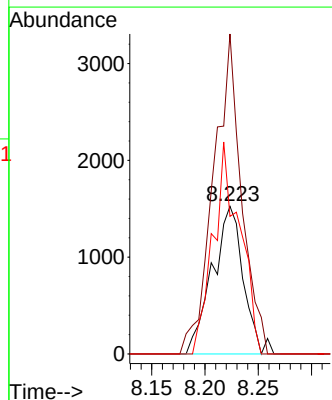
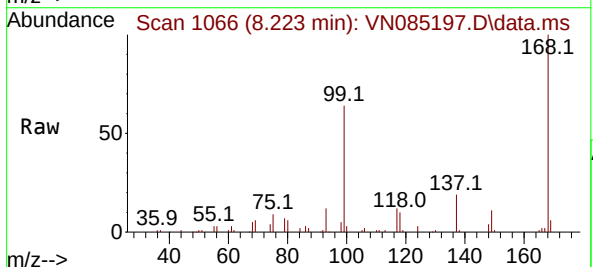
Instrument :
MSVOA_N
ClientSampleId :

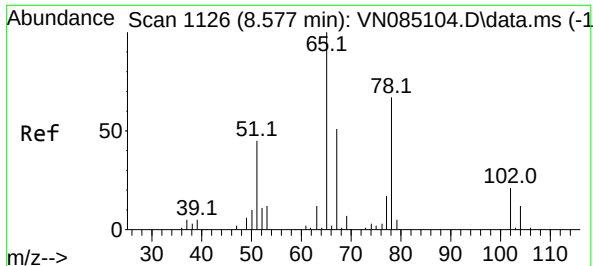
Tgt Ion: 83 Resp: 37777
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8



#31
Cyclohexane
Concen: 1.184 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Tgt Ion: 56 Resp: 3079
Ion Ratio Lower Upper
56 100
69 216.6 24.6 36.8#
84 93.2 71.4 107.2





#33

1,2-Dichloroethane-d4

Concen: 53.546 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085197.D

Acq: 13 Dec 2024 15:28

Instrument :

MSVOA_N

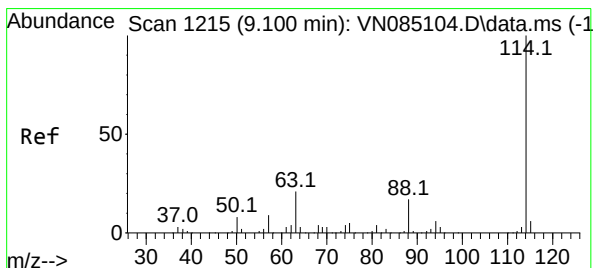
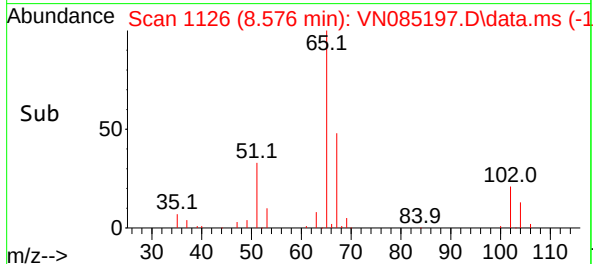
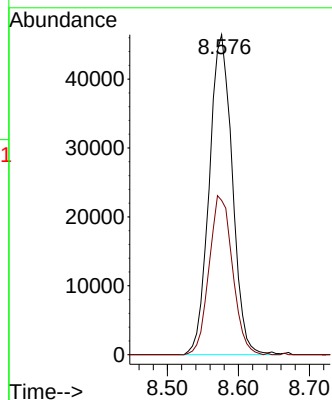
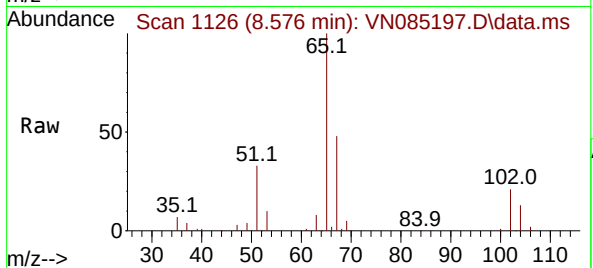
ClientSampleId :

Tgt Ion: 65 Resp: 104535

Ion Ratio Lower Upper

65 100

67 50.5 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: VN085197.D

Acq: 13 Dec 2024 15:28

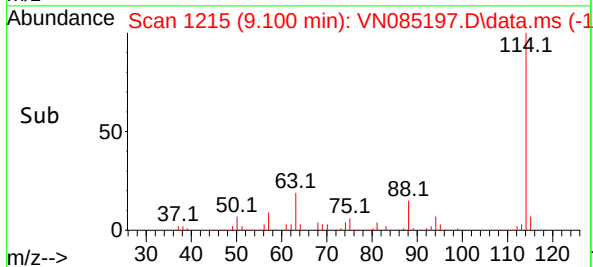
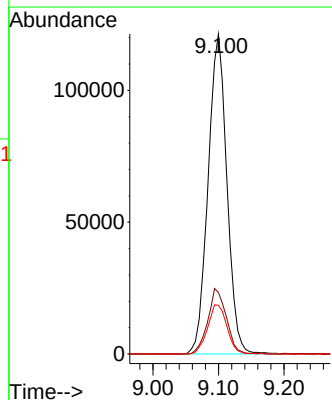
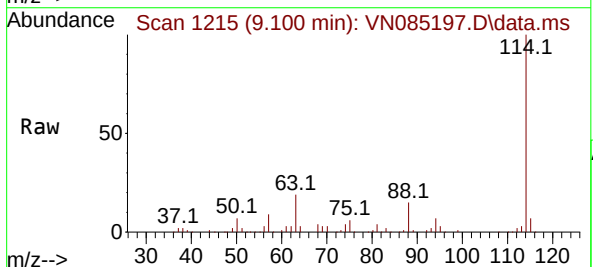
Tgt Ion: 114 Resp: 242188

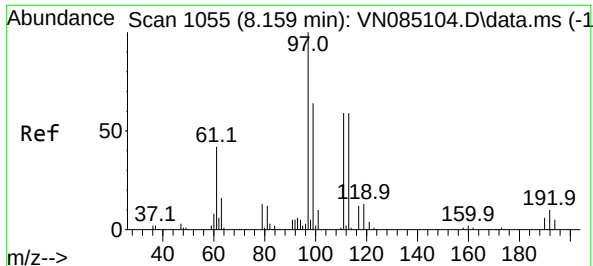
Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.0

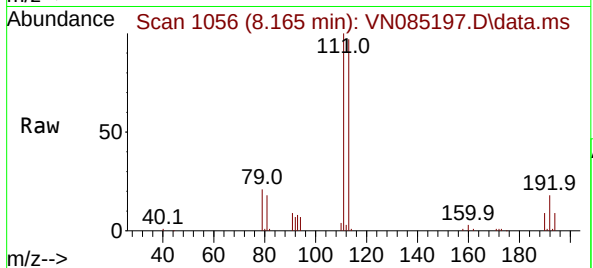
88 15.2 0.0 34.8



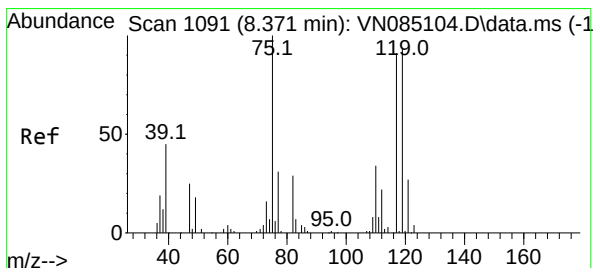
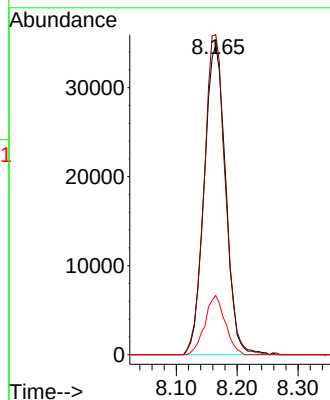
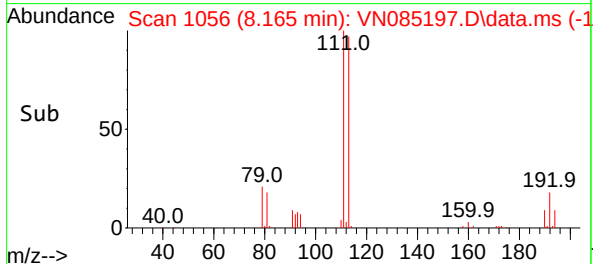


#35
Dibromofluoromethane
Concen: 52.188 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

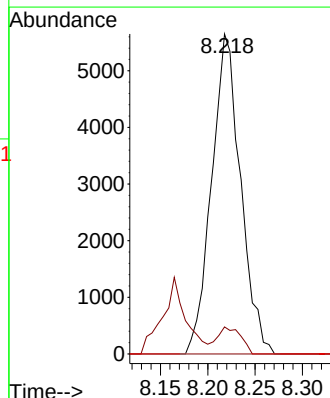
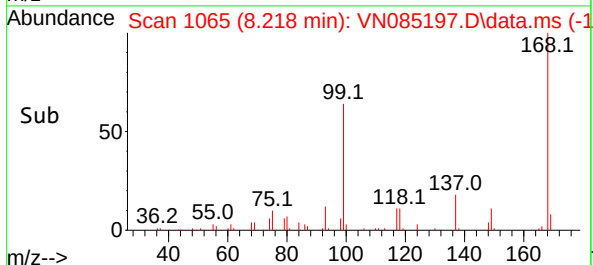
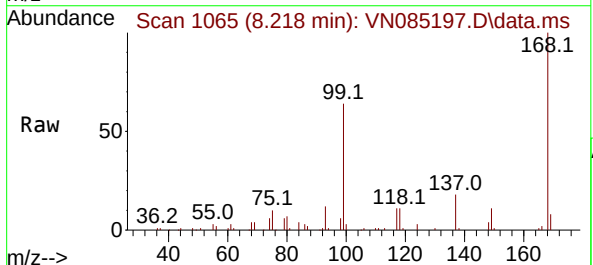


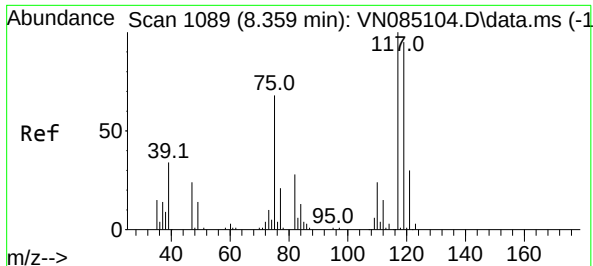
Tgt Ion:113 Resp: 85236
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 18.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.431 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

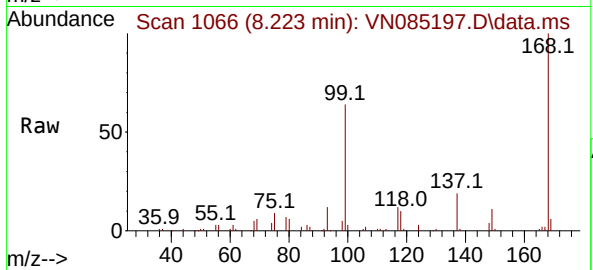
Tgt Ion: 75 Resp: 12015
Ion Ratio Lower Upper
75 100
110 6.9 17.2 51.6#
77 0.0 24.2 36.4#



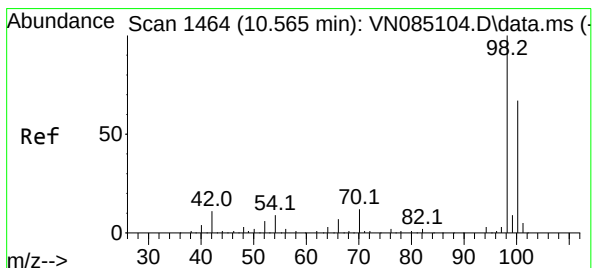
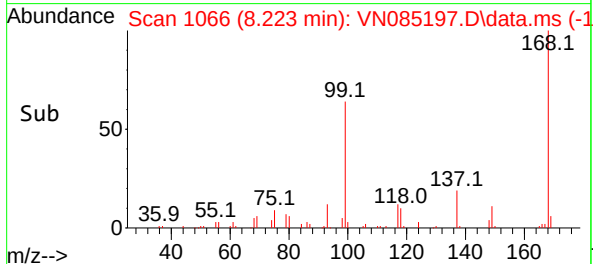
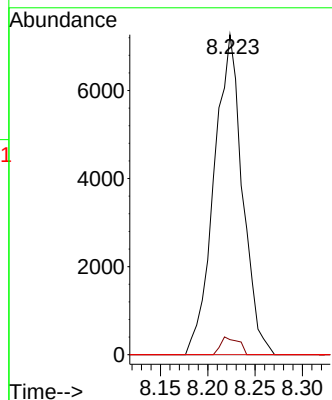


#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.130 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

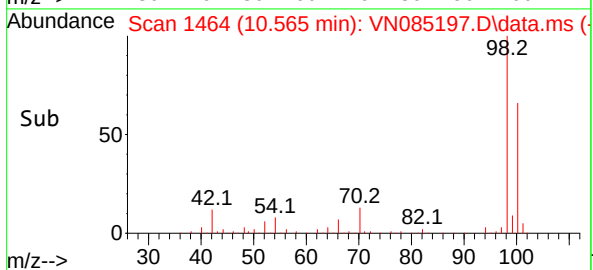
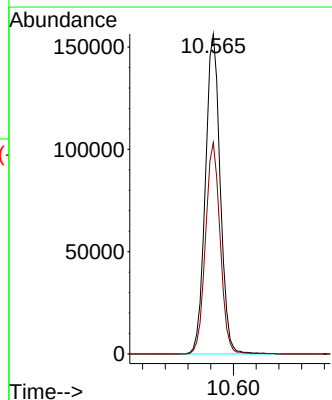
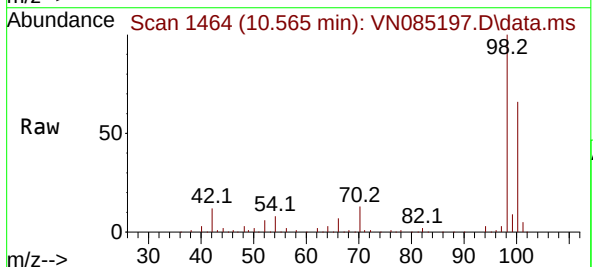


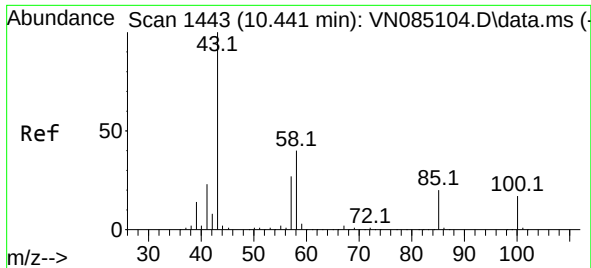
Tgt Ion:117 Resp: 15204
Ion Ratio Lower Upper
117 100
119 4.7 78.6 117.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.201 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Tgt Ion: 98 Resp: 282126
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.662 ug/l

RT: 10.565 min Scan# 1443

Delta R.T. 0.123 min

Lab File: VN085197.D

Acq: 13 Dec 2024 15:28

Instrument :

MSVOA_N

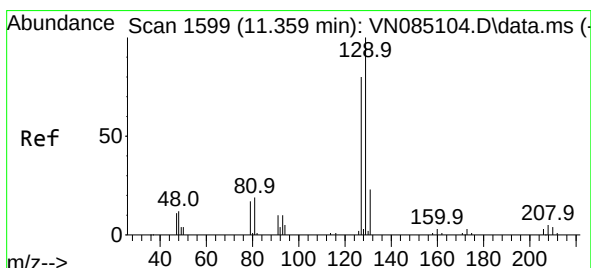
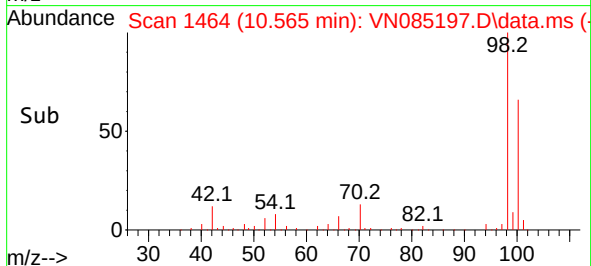
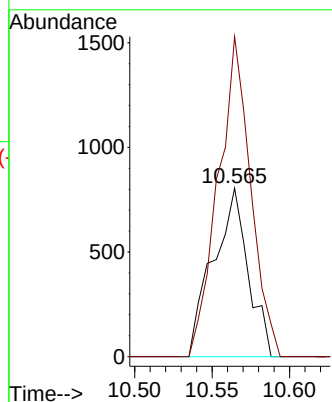
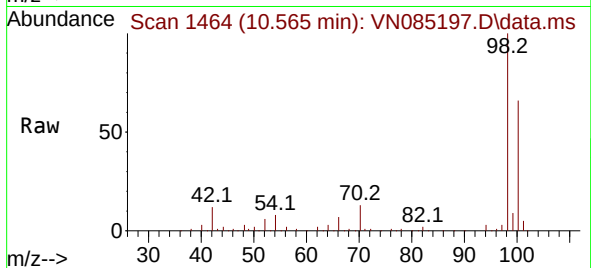
ClientSampleId :

Tgt Ion: 43 Resp: 1263

Ion Ratio Lower Upper

43 100

58 176.7 32.1 48.1#



#60

Dibromochloromethane

Concen: 0.397 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.253 min

Lab File: VN085197.D

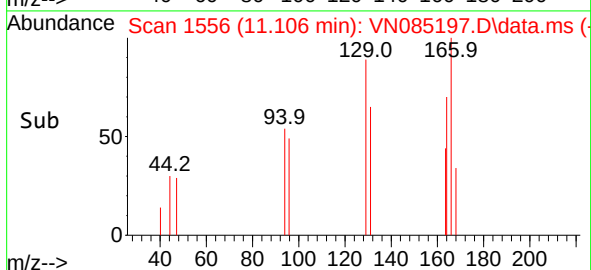
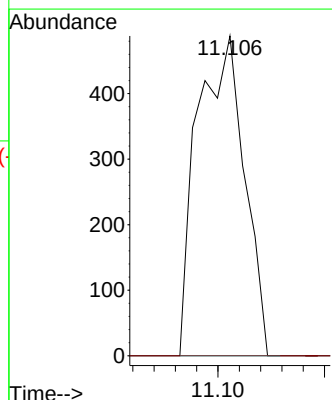
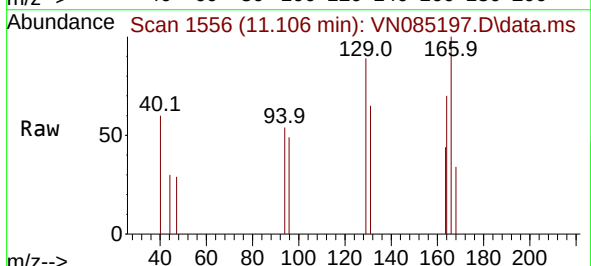
Acq: 13 Dec 2024 15:28

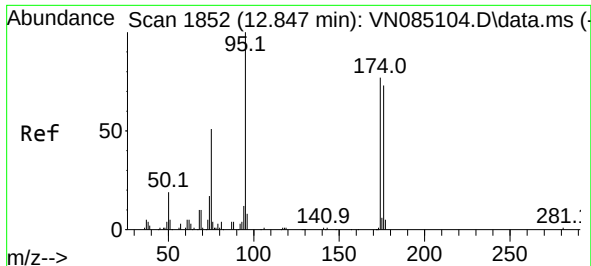
Tgt Ion: 129 Resp: 748

Ion Ratio Lower Upper

129 100

127 0.0 39.2 117.6#

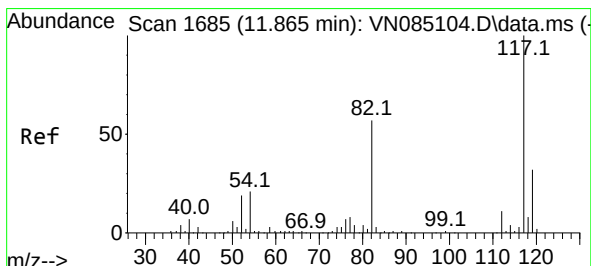
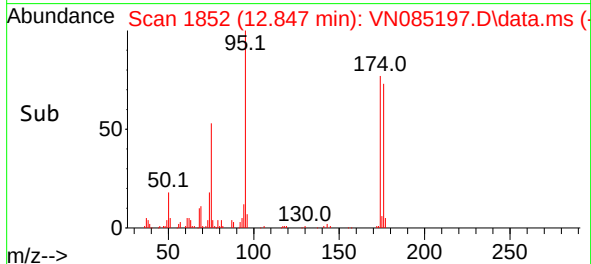
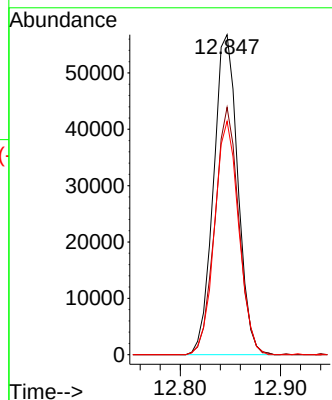
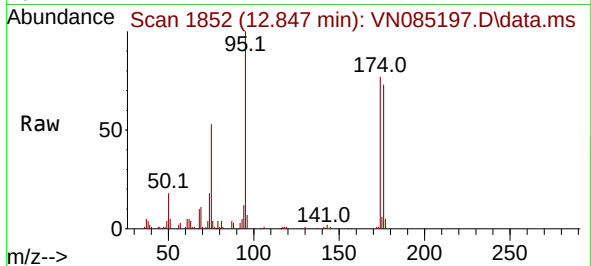




#62
4-Bromofluorobenzene
Concen: 43.685 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

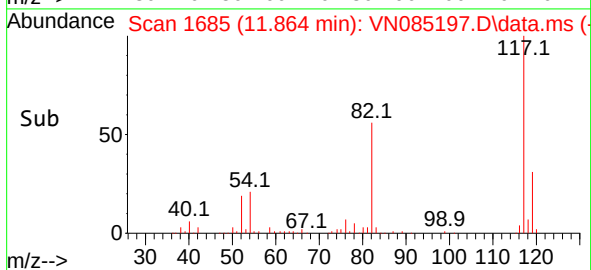
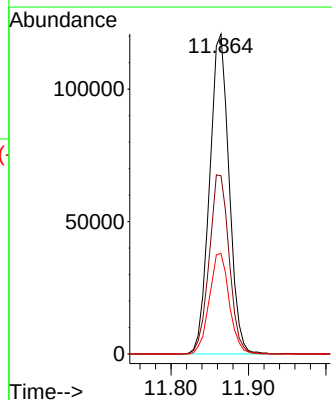
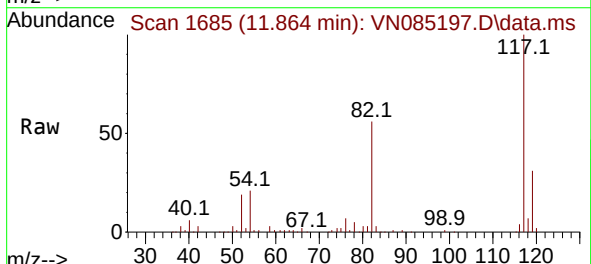
Instrument :
MSVOA_N
ClientSampleId :

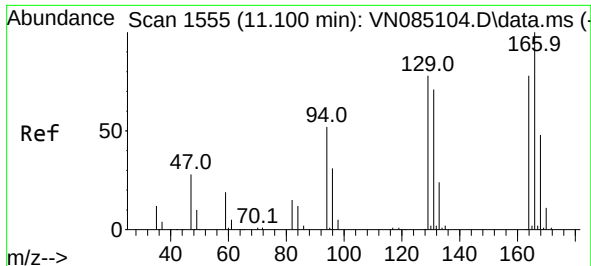
Tgt Ion: 95 Resp: 95621
Ion Ratio Lower Upper
95 100
174 75.8 0.0 146.6
176 72.8 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

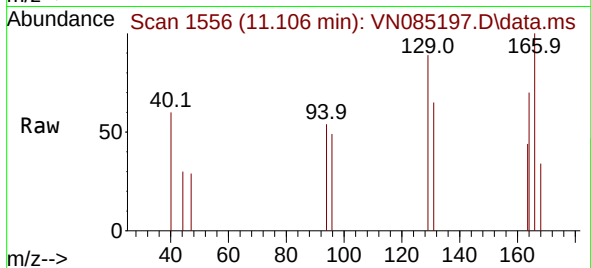
Tgt Ion: 117 Resp: 210970
Ion Ratio Lower Upper
117 100
82 55.7 46.0 69.0
119 31.4 25.6 38.4



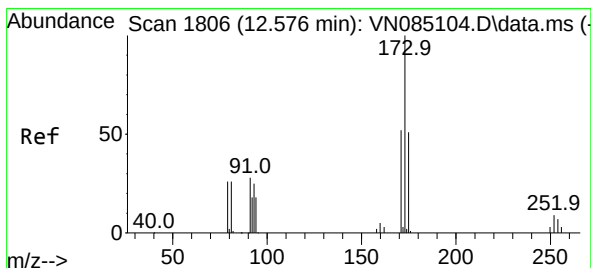
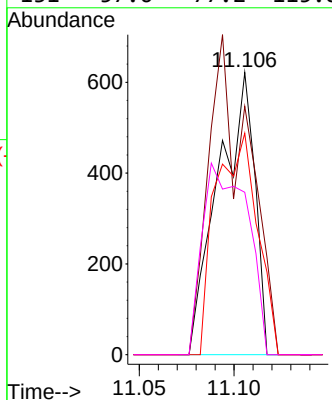


#64
Tetrachloroethene
Concen: 0.581 ug/l
RT: 11.106 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

Instrument :
MSVOA_N
ClientSampleId :

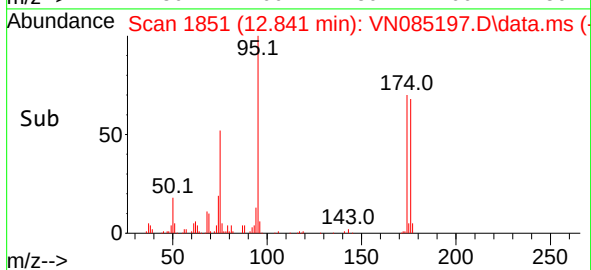
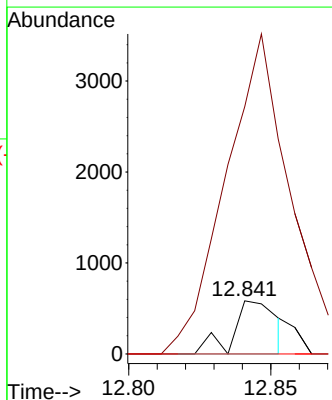
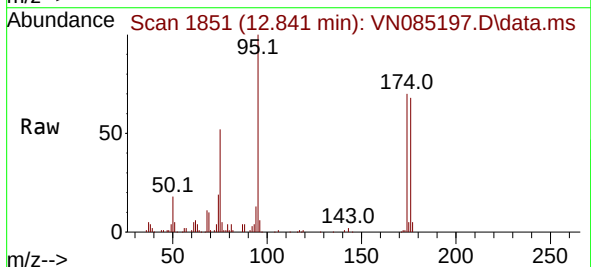


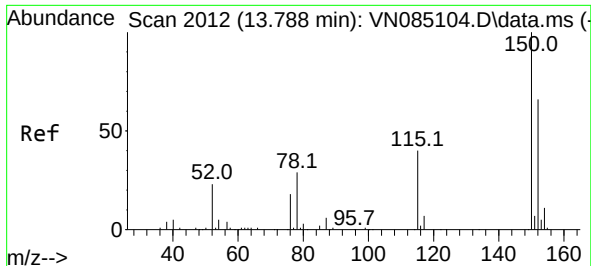
Tgt Ion:164 Resp: 826
Ion Ratio Lower Upper
164 100
166 87.9 100.6 151.0#
129 78.5 77.7 116.5
131 57.6 77.2 115.8#



#71
Bromoform
Concen: 0.497 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.264 min
Lab File: VN085197.D
Acq: 13 Dec 2024 15:28

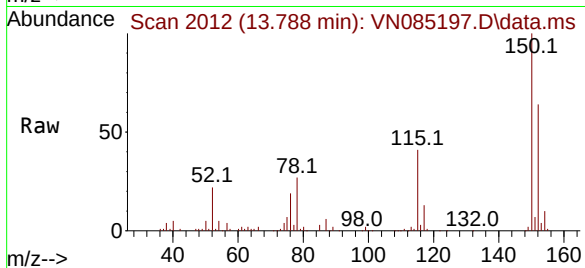
Tgt Ion:173 Resp: 622
Ion Ratio Lower Upper
173 100
175 715.9 23.8 71.2#
254 0.0 0.0 0.0



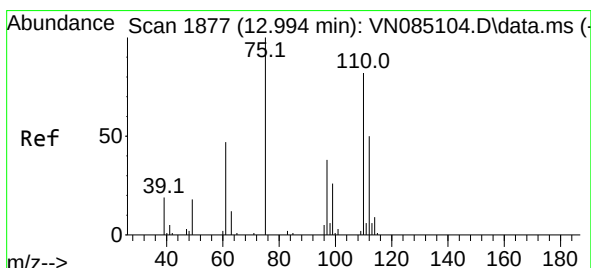
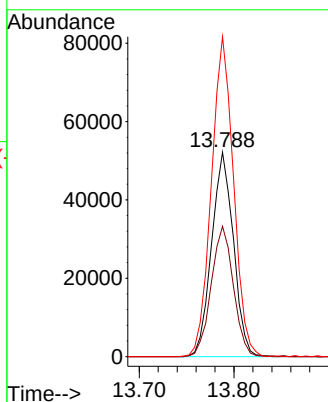
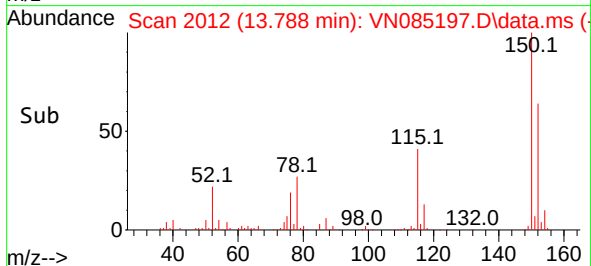


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085197.D
 Acq: 13 Dec 2024 15:28

Instrument :
 MSVOA_N
 ClientSampleId :

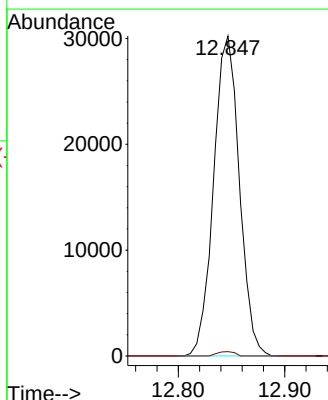
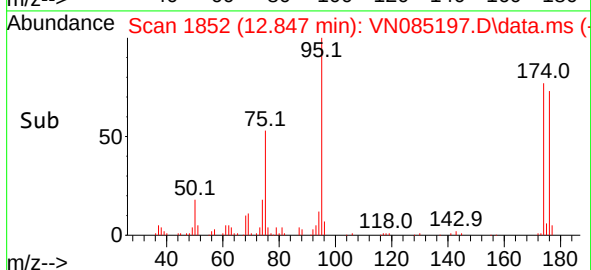
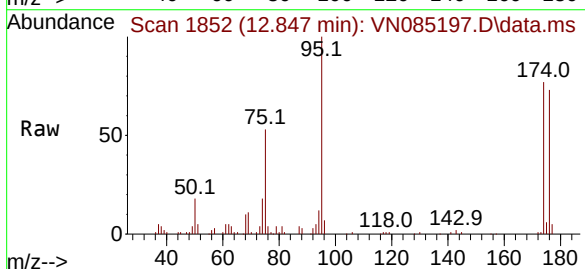


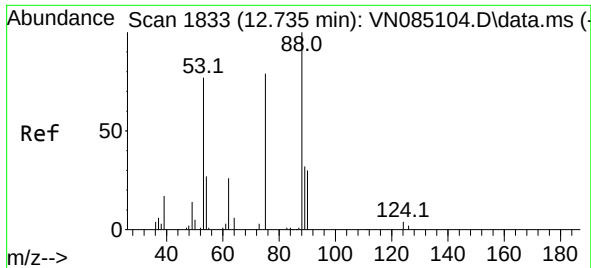
Tgt Ion:152 Resp: 83538
 Ion Ratio Lower Upper
 152 100
 115 64.7 31.7 95.1
 150 158.5 0.0 351.4



#76
 1,2,3-Trichloropropane
 Concen: 33.341 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN085197.D
 Acq: 13 Dec 2024 15:28

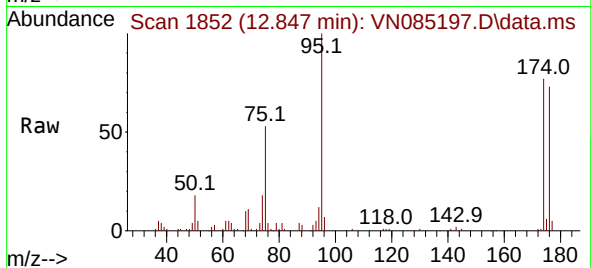
Tgt Ion: 75 Resp: 50662
 Ion Ratio Lower Upper
 75 100
 77 0.9 109.1 327.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.603 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.111 min
 Lab File: VN085197.D
 Acq: 13 Dec 2024 15:28

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 50662
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.4#
 89 0.0 37.9 56.9#

