

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085837.D
 Acq On : 24 Feb 2025 15:13
 Operator : JC\MD
 Sample : Q1405-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22-021925

Quant Time: Feb 25 01:55:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

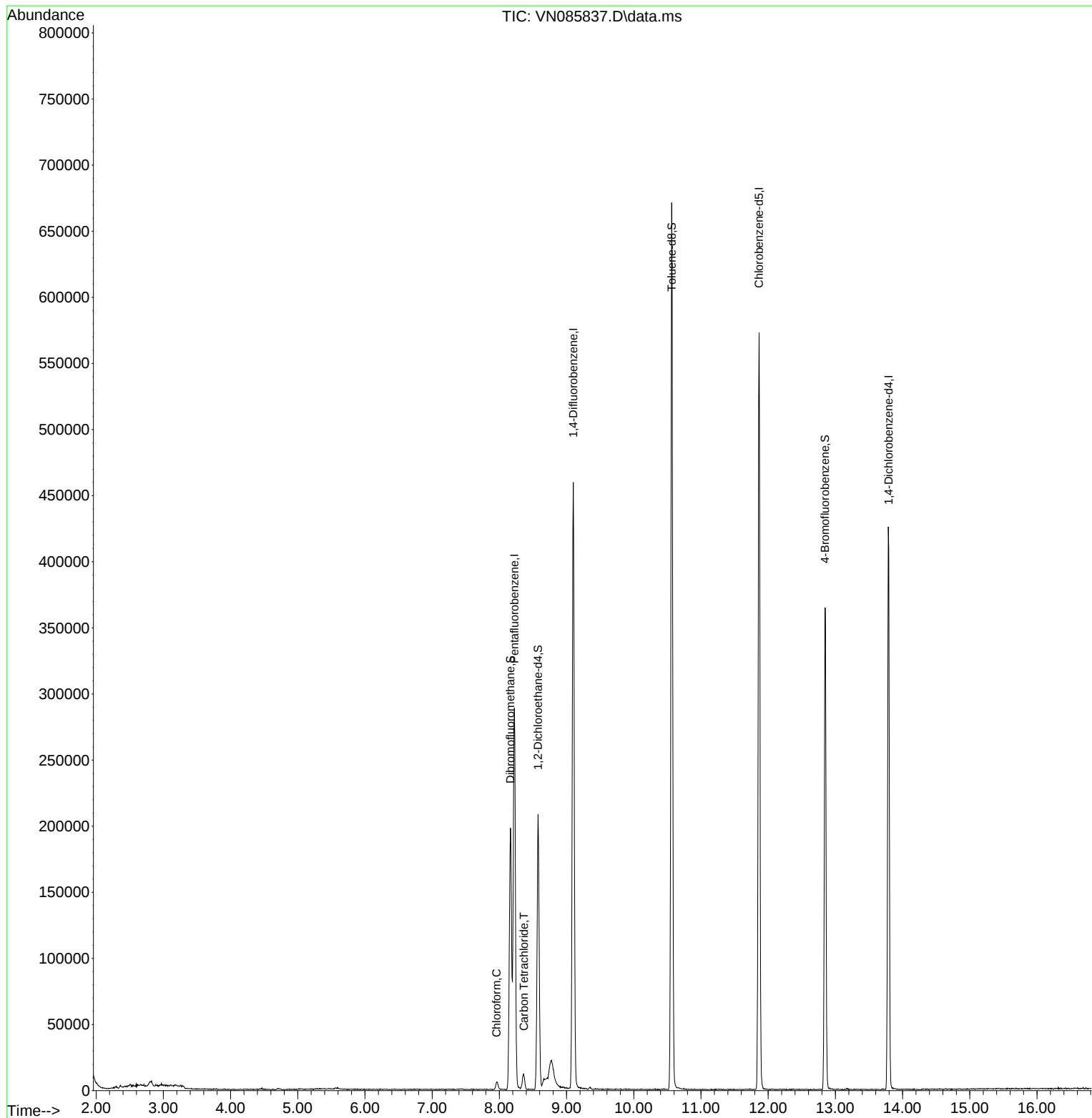
Internal Standards						
1) Pentafluorobenzene	8.224	168	211067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	405232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	347826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163651	59.805	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.600%
35) Dibromofluoromethane	8.165	113	144371	54.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.900%
50) Toluene-d8	10.565	98	474083	49.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.847	95	130184	40.956	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	81.920%
Target Compounds						
						Qvalue
30) Chloroform	7.959	83	6317	1.295	ug/l	89
38) Carbon Tetrachloride	8.365	117	9131	2.048	ug/l	96

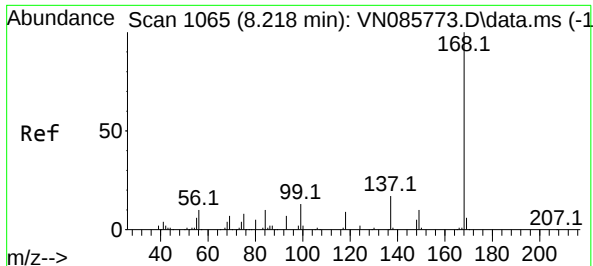
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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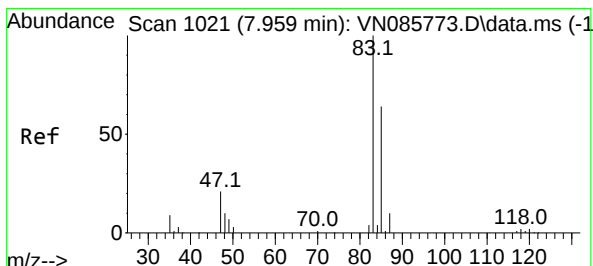
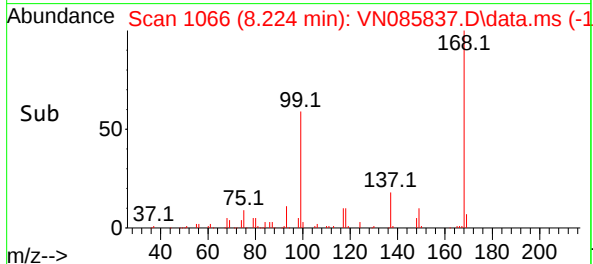
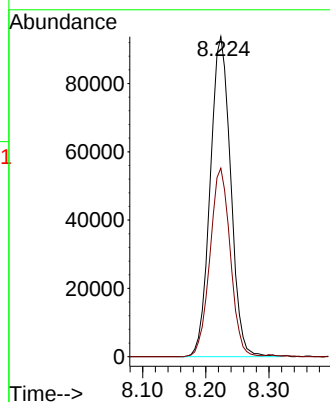
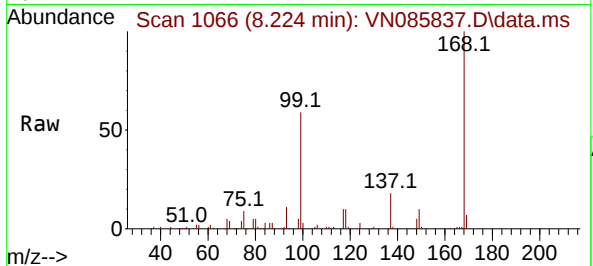




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

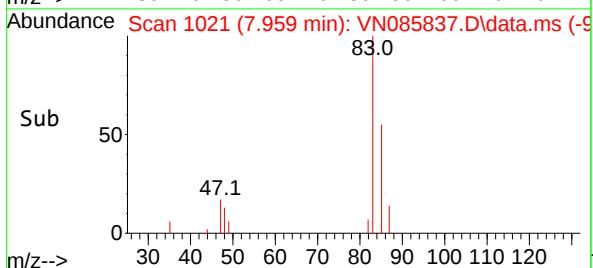
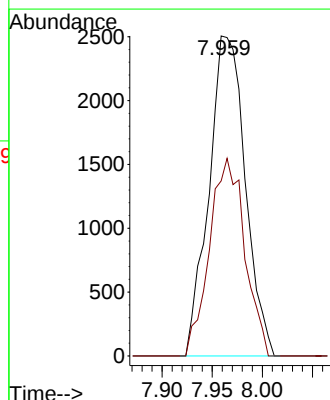
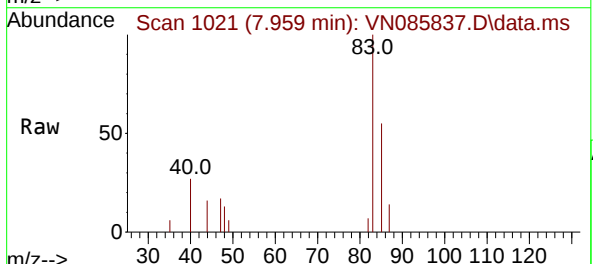
Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

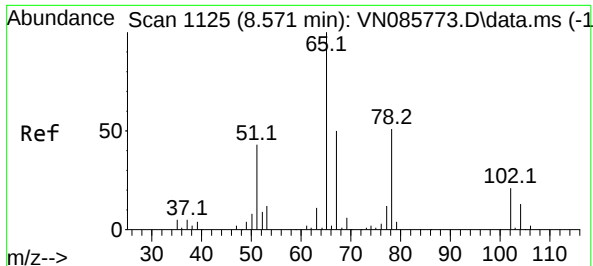
Tgt Ion:168 Resp: 211067
Ion Ratio Lower Upper
168 100
99 58.9 47.9 71.9



#30
Chloroform
Concen: 1.295 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

Tgt Ion: 83 Resp: 6317
Ion Ratio Lower Upper
83 100
85 54.7 50.9 76.3

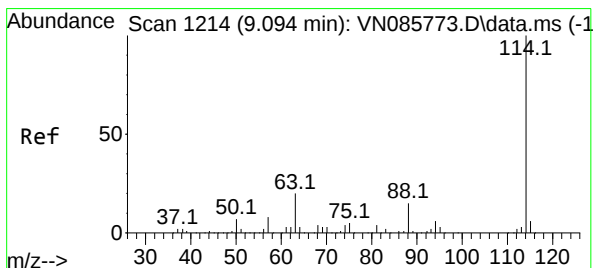
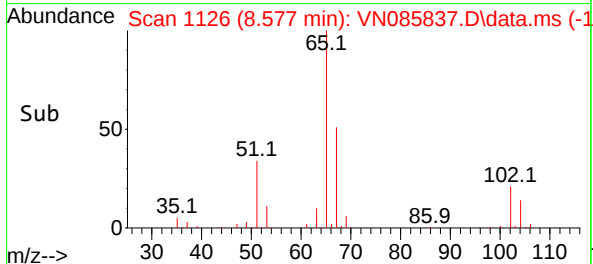
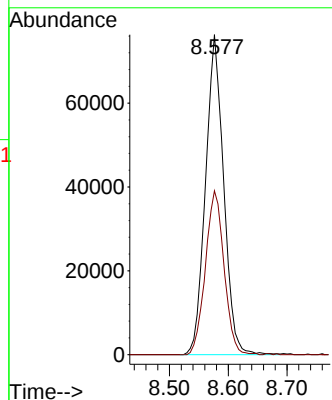
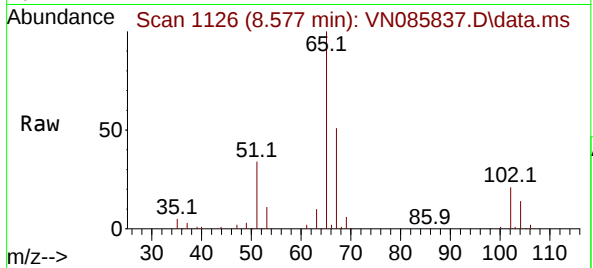




#33
 1,2-Dichloroethane-d4
 Concen: 59.805 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085837.D
 Acq: 24 Feb 2025 15:13

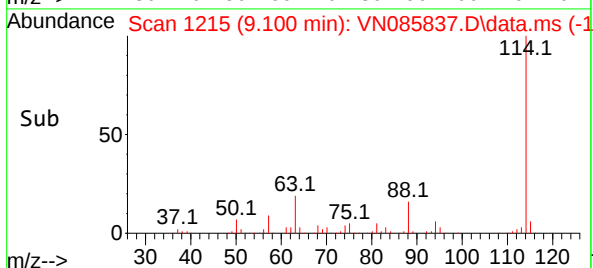
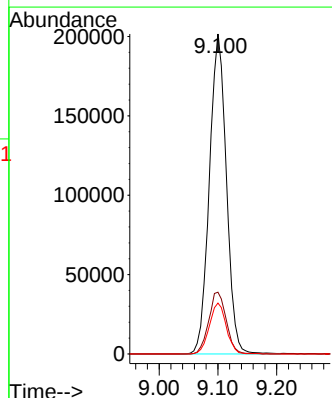
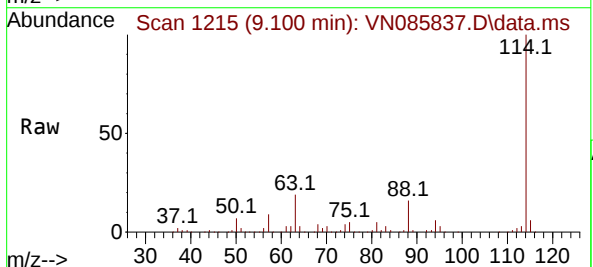
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-22-021925

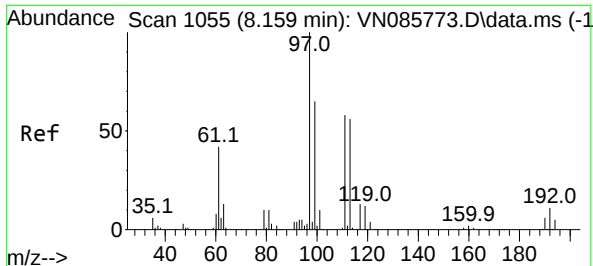
Tgt Ion: 65 Resp: 163651
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085837.D
 Acq: 24 Feb 2025 15:13

Tgt Ion: 114 Resp: 405232
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.9 0.0 30.0

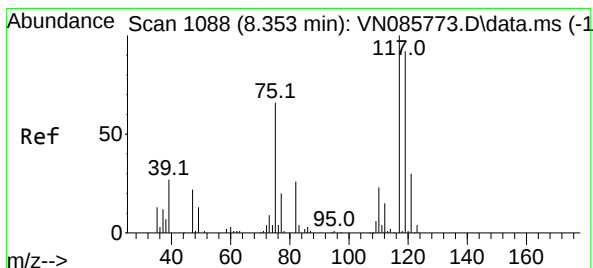
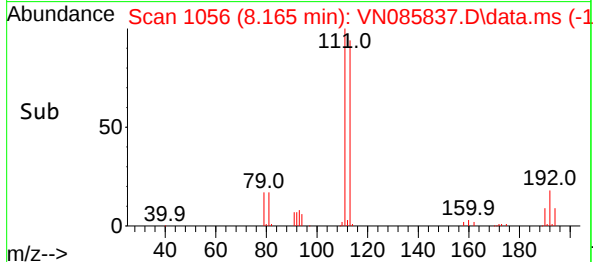
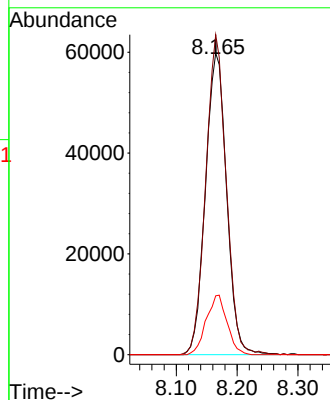
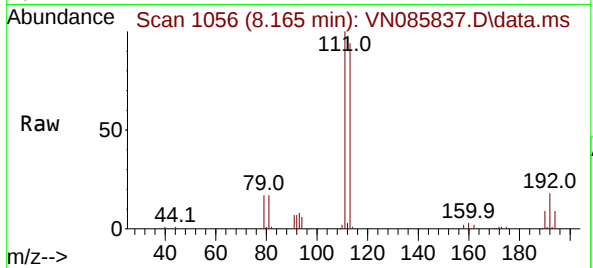




#35
Dibromofluoromethane
Concen: 54.446 ug/l
RT: 8.165 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

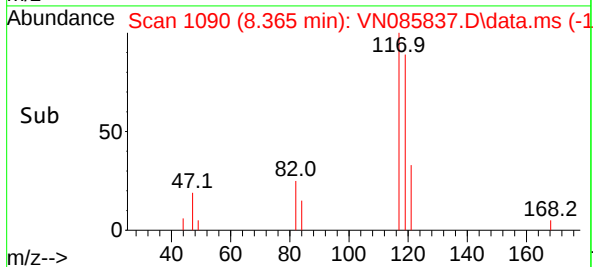
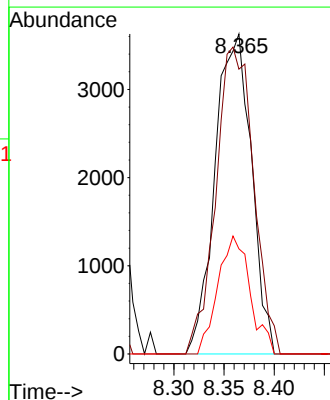
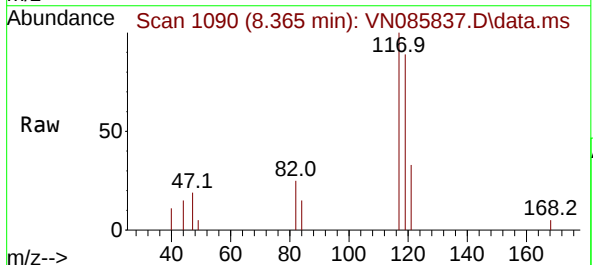
Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

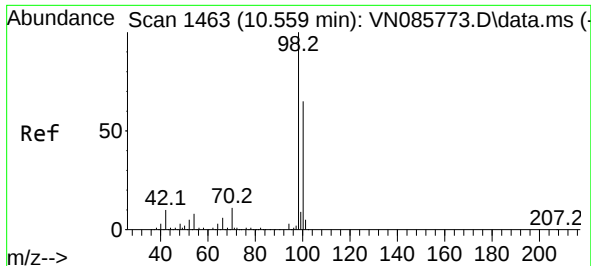
Tgt Ion:113 Resp: 144371
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 19.4 14.7 22.1



#38
Carbon Tetrachloride
Concen: 2.048 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.012 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

Tgt Ion:117 Resp: 9131
Ion Ratio Lower Upper
117 100
119 89.0 73.8 110.6
121 32.9 24.3 36.5

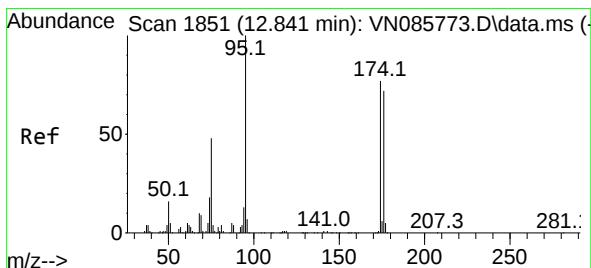
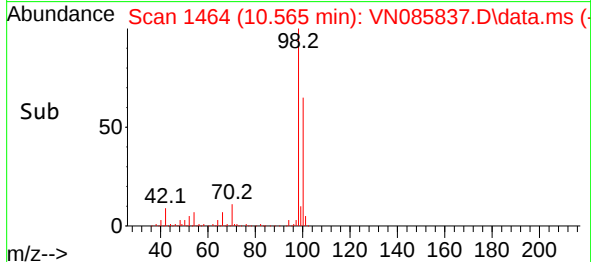
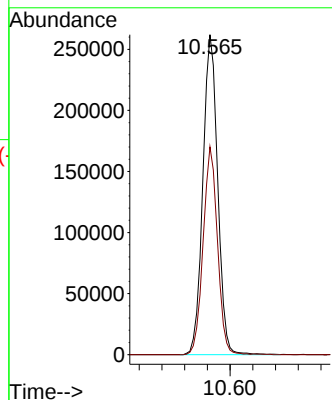
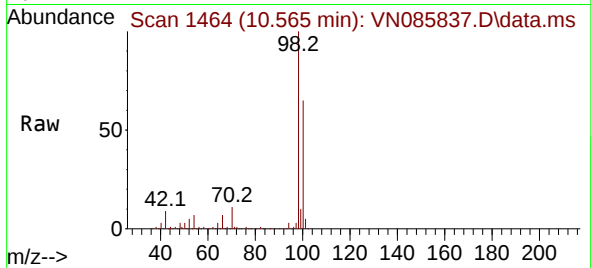




#50
Toluene-d8
Concen: 49.141 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

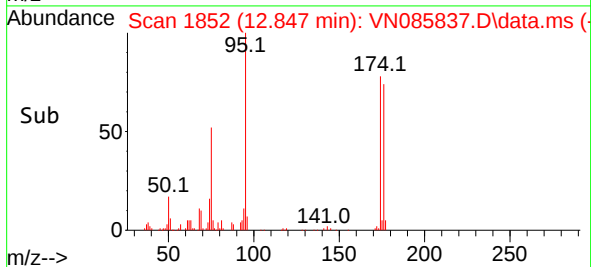
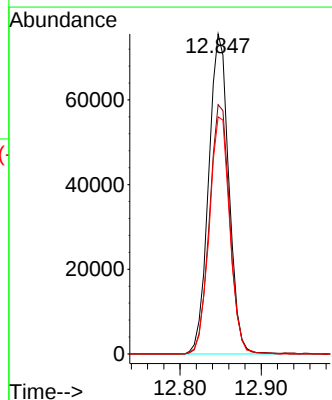
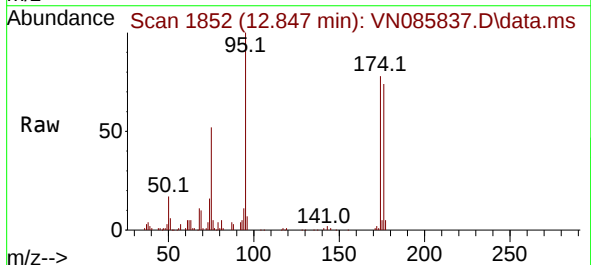
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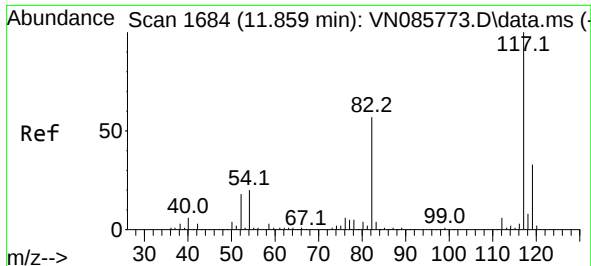
Tgt Ion: 98 Resp: 474083
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.956 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

Tgt Ion: 95 Resp: 130184
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.4
176 75.3 0.0 146.6

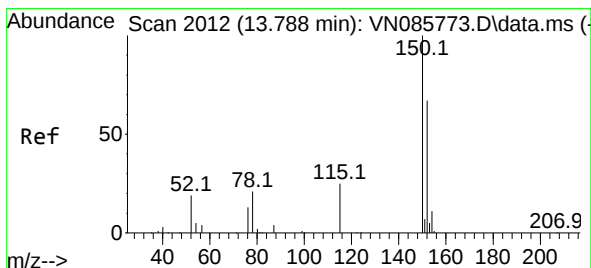
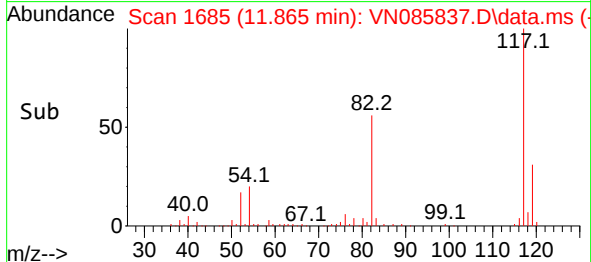
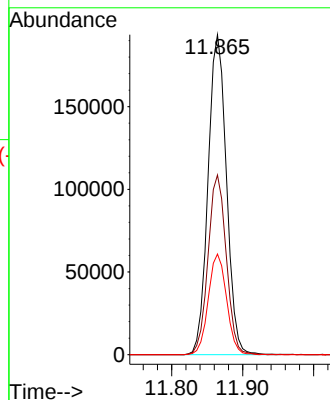
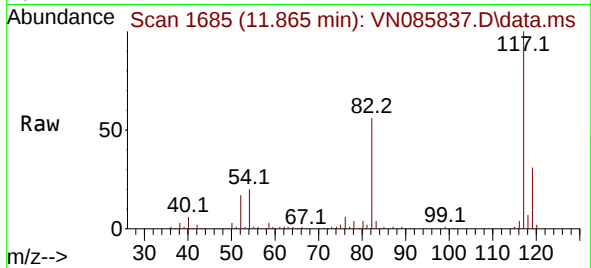




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
MW-22-021925

Tgt Ion:117 Resp: 347826
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085837.D
Acq: 24 Feb 2025 15:13

Tgt Ion:152 Resp: 123885
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 156.1 0.0 345.4

