

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN051525\  
 Data File : VN086633.D  
 Acq On : 15 May 2025 10:12  
 Operator : JC\MD  
 Sample : VN0515WBL01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0515WBL01

Quant Time: May 16 05:21:31 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N041525W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 16 04:19:23 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	265553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	483022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	464073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	199867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	155127	40.285	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.560%
35) Dibromofluoromethane	8.165	113	131283	58.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.120%
50) Toluene-d8	10.565	98	558278	46.597	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.847	95	207355	47.450	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.900%

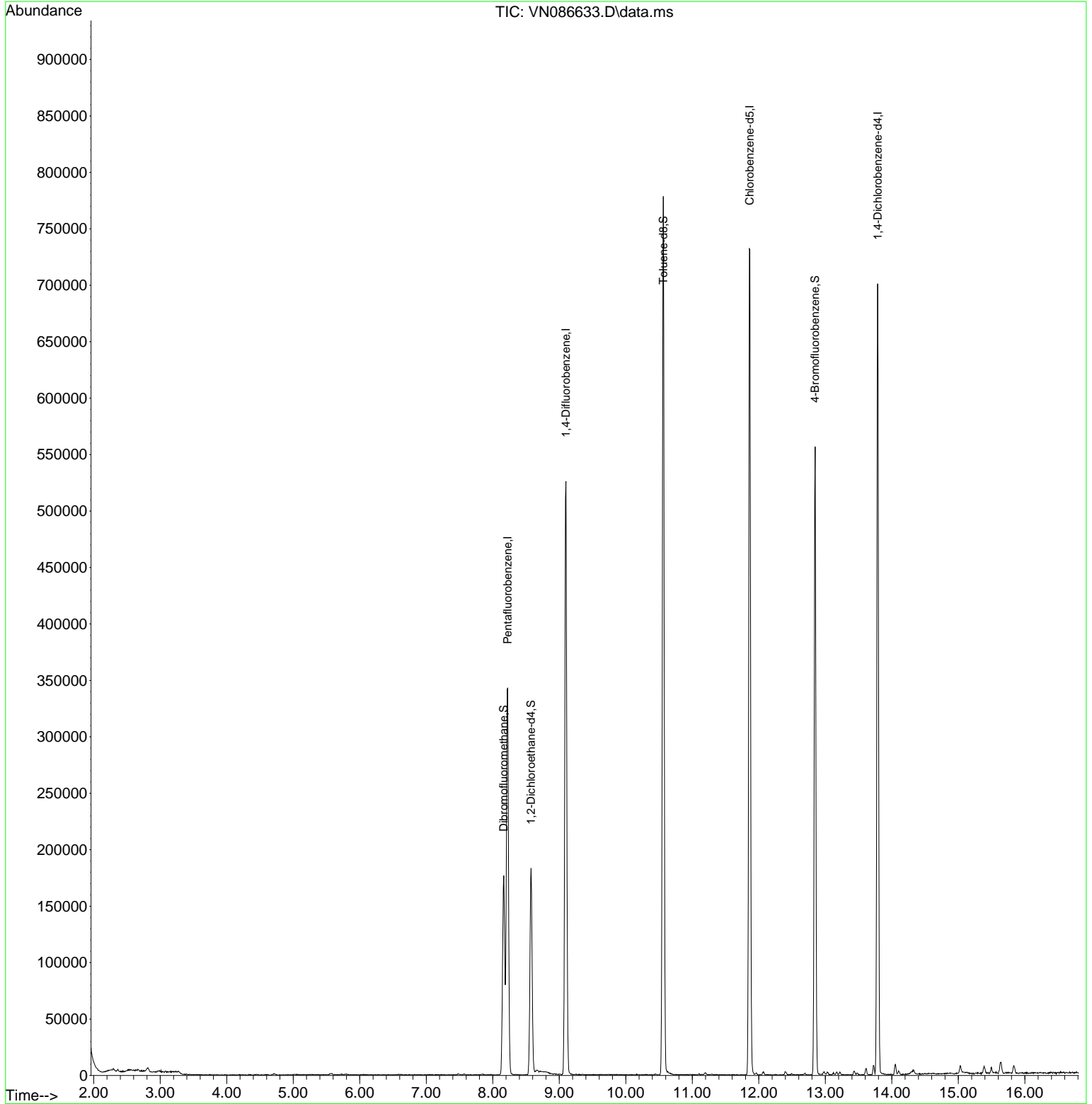
Target Compounds Qvalue

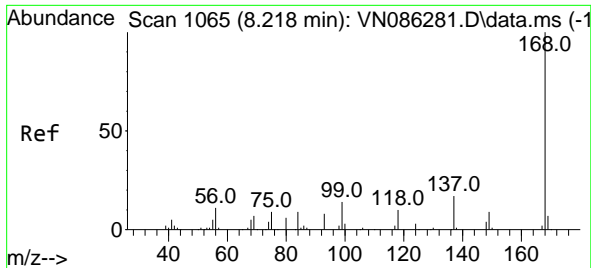
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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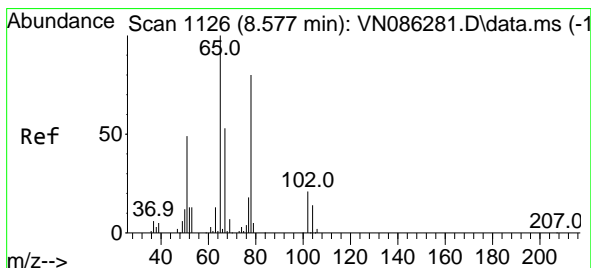
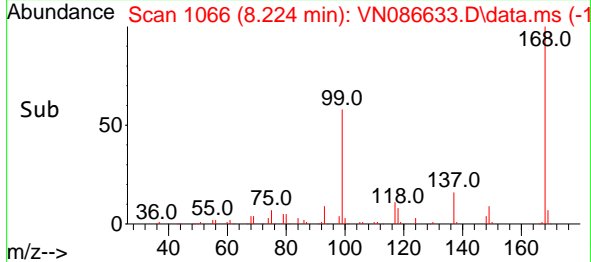
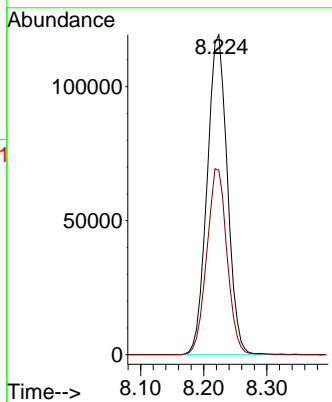
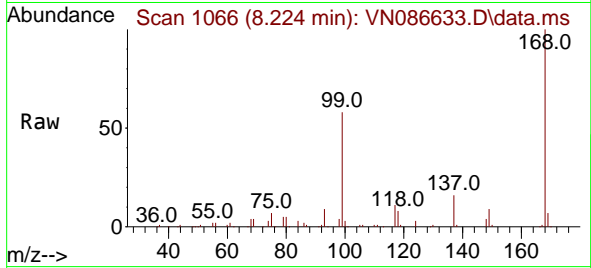




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.224 min Scan# 1066  
 Delta R.T. 0.006 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12

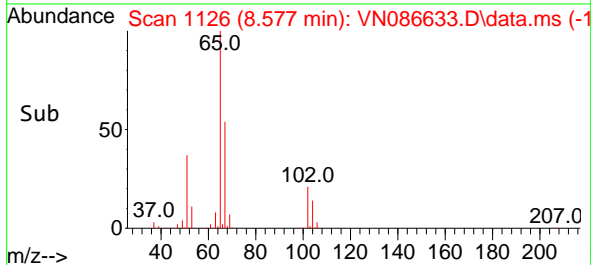
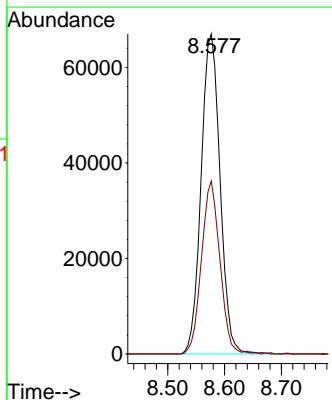
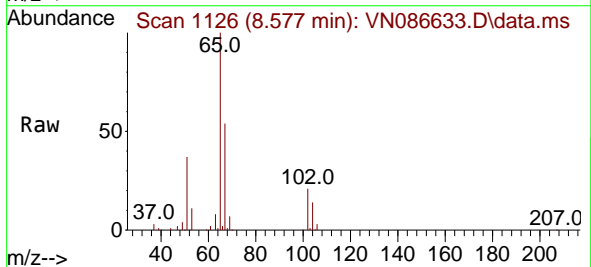
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0515WBL01

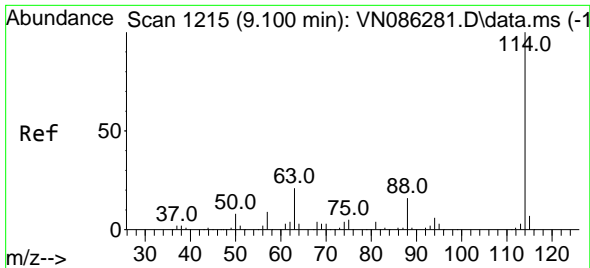
Tgt Ion:168 Resp: 265553  
 Ion Ratio Lower Upper  
 168 100  
 99 57.7 52.5 78.7



#33  
 1,2-Dichloroethane-d4  
 Concen: 40.285 ug/l  
 RT: 8.577 min Scan# 1126  
 Delta R.T. -0.000 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12

Tgt Ion: 65 Resp: 155127  
 Ion Ratio Lower Upper  
 65 100  
 67 52.4 0.0 106.0



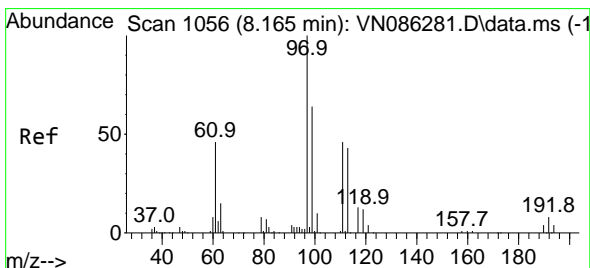
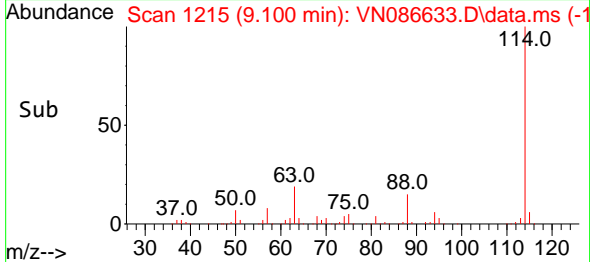
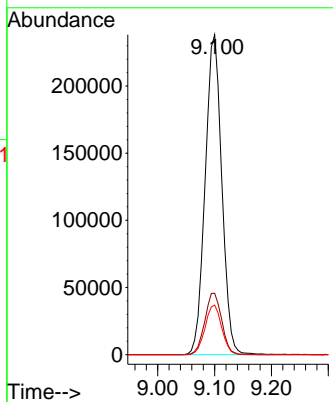
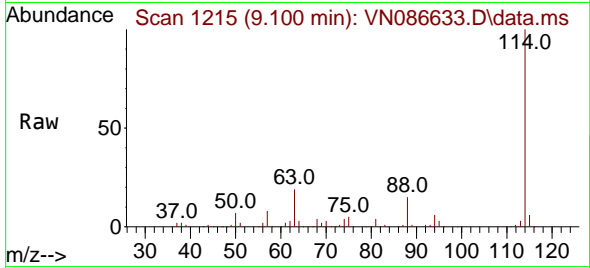


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 9.100 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0515WBL01

Tgt Ion:114 Resp: 483022

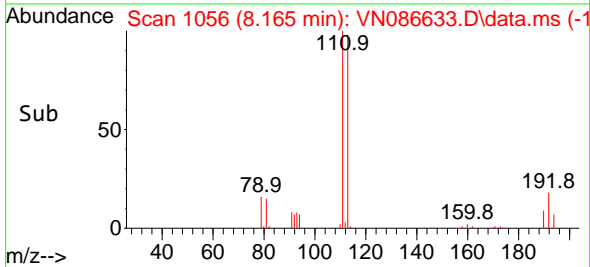
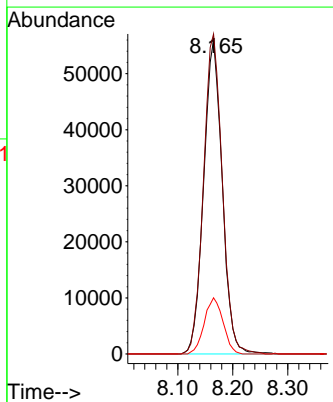
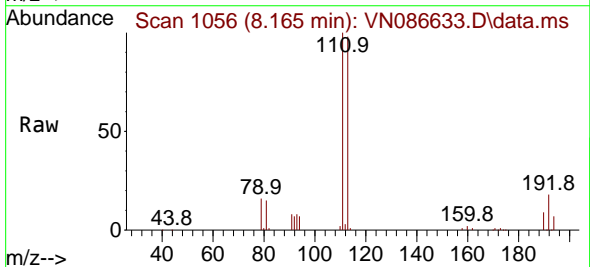
Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	42.6
88	15.5	0.0	31.8

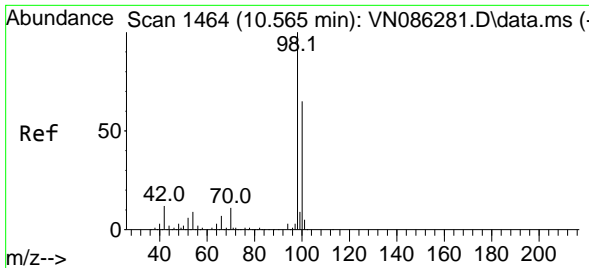


#35  
 Dibromofluoromethane  
 Concen: 58.562 ug/l  
 RT: 8.165 min Scan# 1056  
 Delta R.T. -0.000 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12

Tgt Ion:113 Resp: 131283

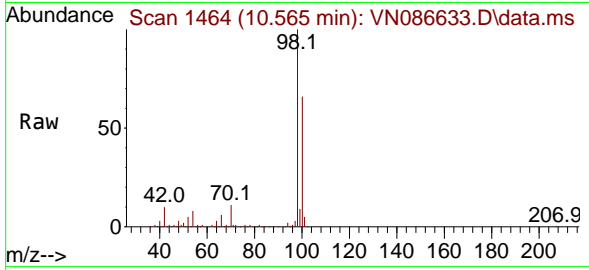
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.0
192	18.1	13.7	20.5



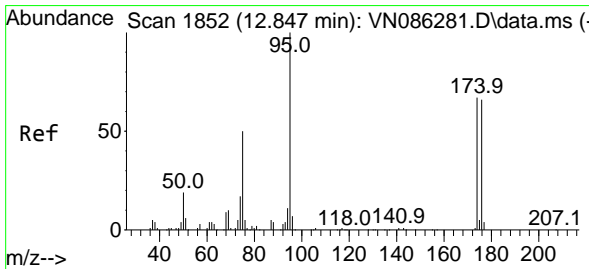
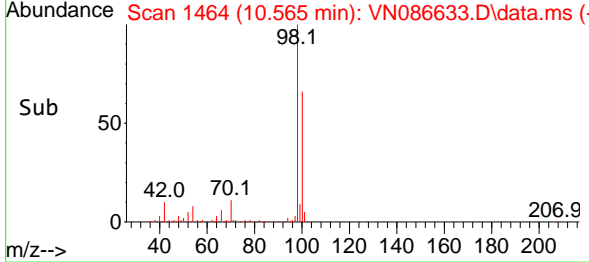
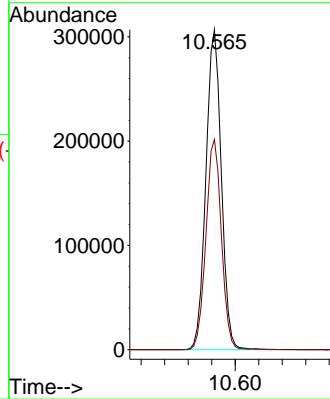


#50  
 Toluene-d8  
 Concen: 46.597 ug/l  
 RT: 10.565 min Scan# 1464  
 Delta R.T. 0.000 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12

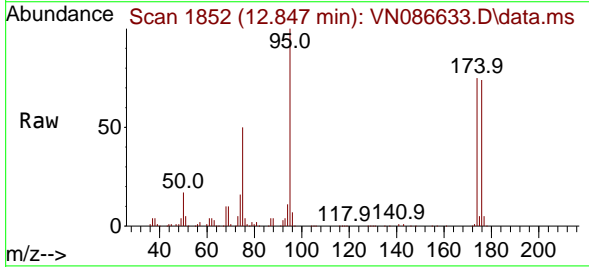
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0515WBL01



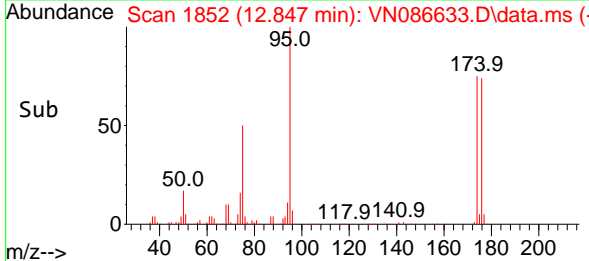
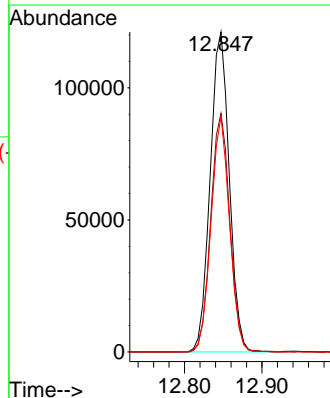
Tgt Ion: 98 Resp: 558278  
 Ion Ratio Lower Upper  
 98 100  
 100 65.9 52.5 78.7

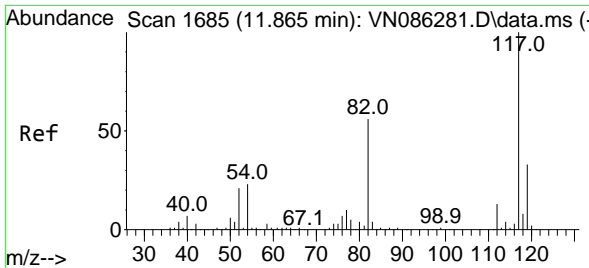


#62  
 4-Bromofluorobenzene  
 Concen: 47.450 ug/l  
 RT: 12.847 min Scan# 1852  
 Delta R.T. -0.000 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12



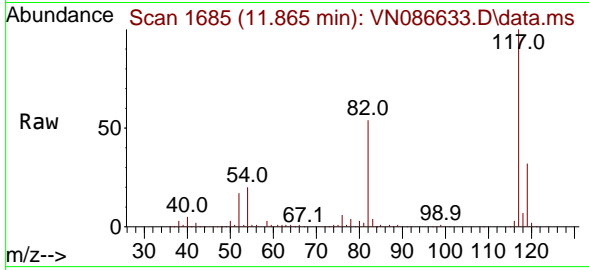
Tgt Ion: 95 Resp: 207355  
 Ion Ratio Lower Upper  
 95 100  
 174 74.4 0.0 133.4  
 176 71.0 0.0 129.2





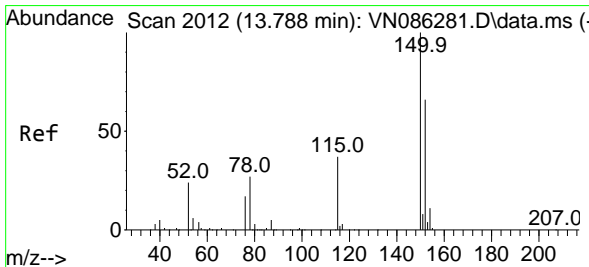
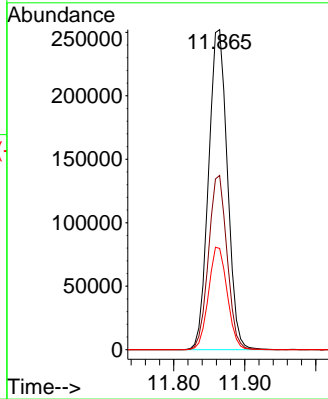
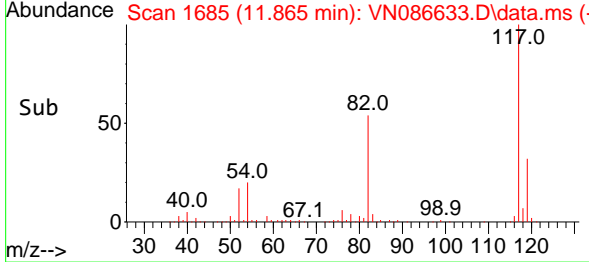
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.865 min Scan# 117  
 Delta R.T. 0.000 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12

Instrument : MSVOA\_N  
 ClientSampleId : VN0515WBL01

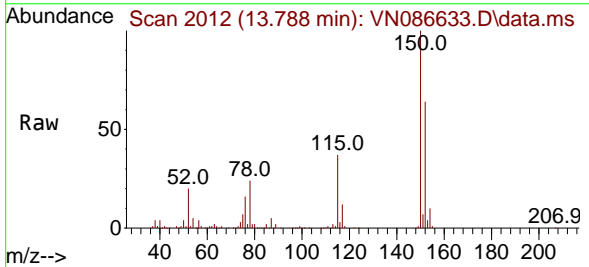


Tgt Ion:117 Resp: 464073

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.7	67.1
119	31.7	26.4	39.6



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.788 min Scan# 2012  
 Delta R.T. -0.000 min  
 Lab File: VN086633.D  
 Acq: 15 May 2025 10:12



Tgt Ion:152 Resp: 199867

Ion	Ratio	Lower	Upper
152	100		
115	59.9	31.9	95.9
150	158.6	0.0	352.0

