

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087209.D
 Acq On : 27 Jun 2025 10:33
 Operator : JC\MD
 Sample : VN0627WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0627WBL01

Quant Time: Jun 27 23:39:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	196165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159637	56.549	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.100%	
35) Dibromofluoromethane	8.171	113	125295	48.600	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.200%	
50) Toluene-d8	10.565	98	480608	45.073	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	90.140%	
62) 4-Bromofluorobenzene	12.847	95	157866	42.668	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.340%	

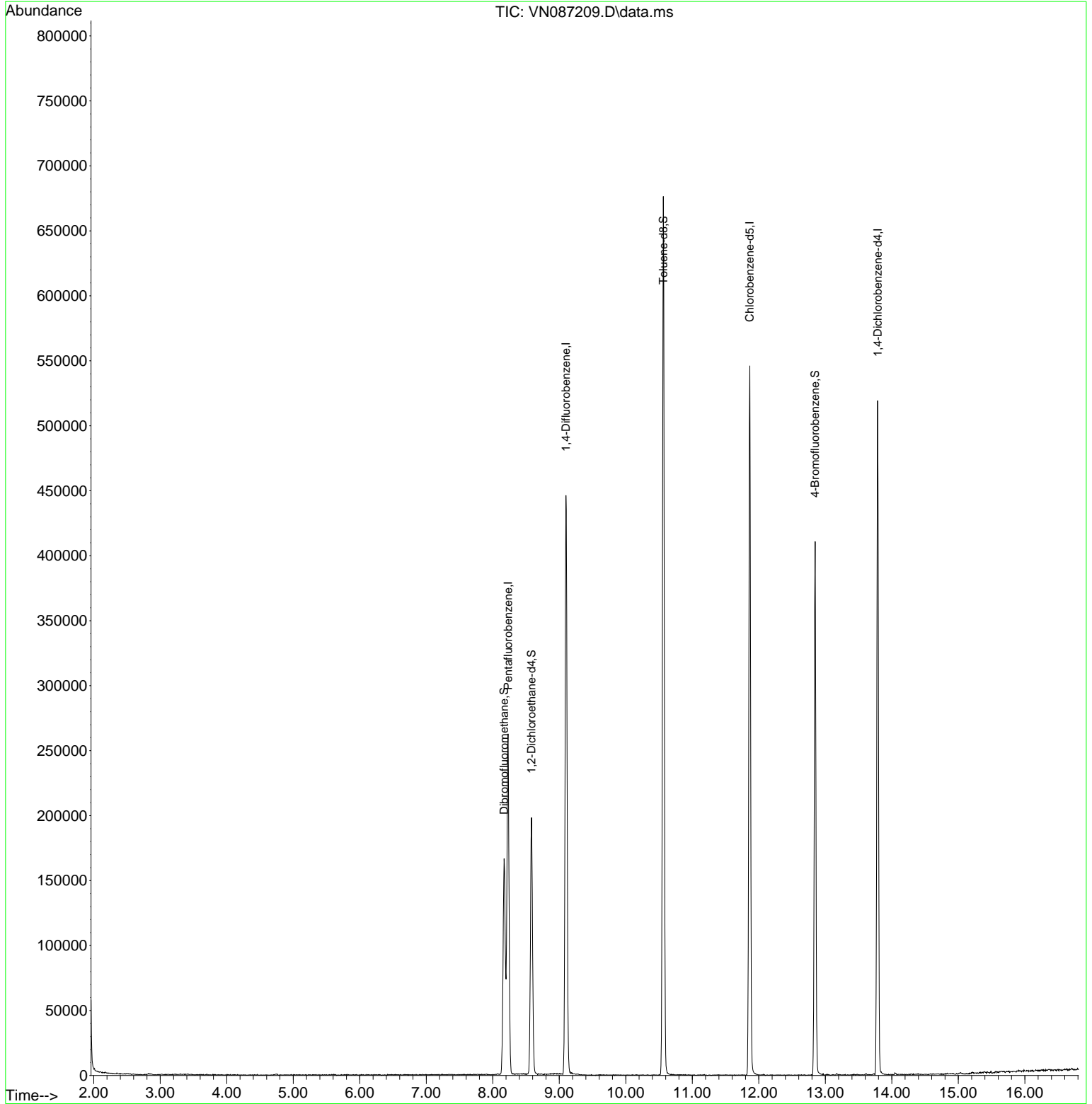
Target Compounds Qvalue

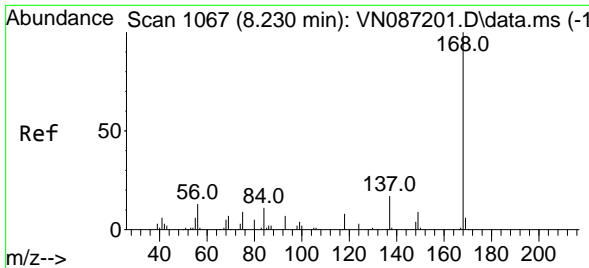
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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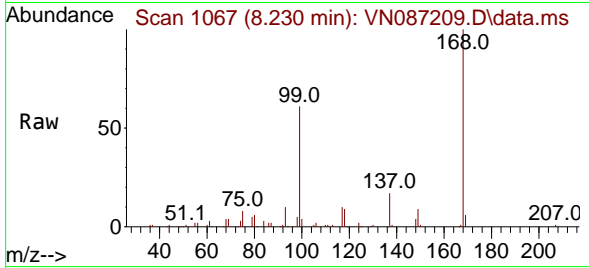
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

Instrument :

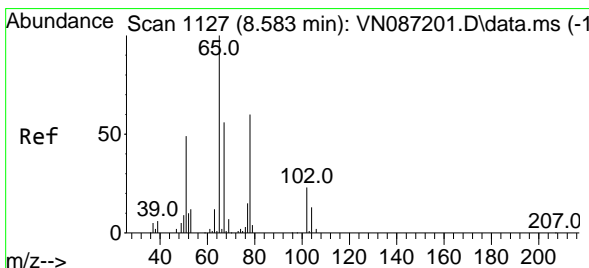
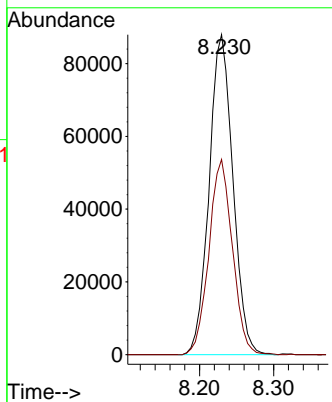
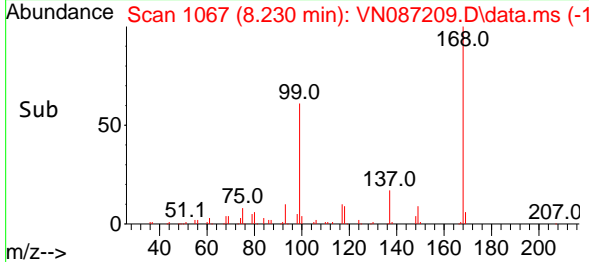
MSVOA_N

ClientSampleId :

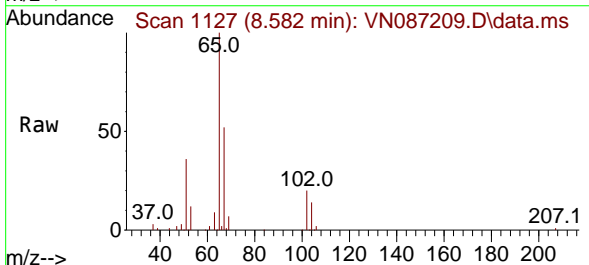
VN0627WBL01



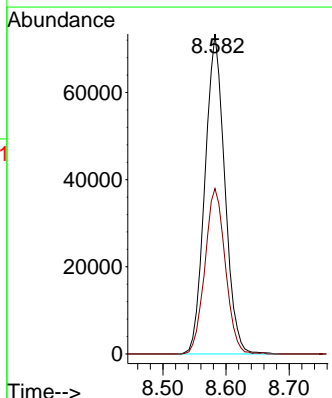
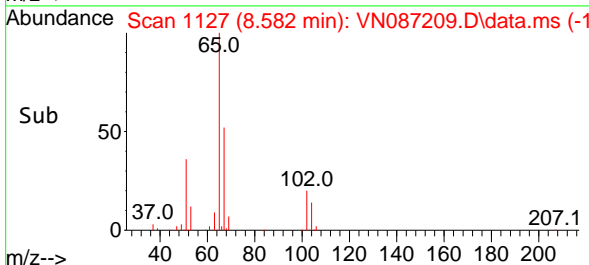
Tgt Ion:168 Resp: 196165
 Ion Ratio Lower Upper
 168 100
 99 61.0 47.9 71.9

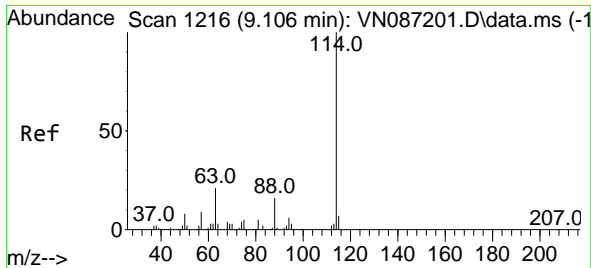


#33
 1,2-Dichloroethane-d4
 Concen: 56.549 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33



Tgt Ion: 65 Resp: 159637
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.0

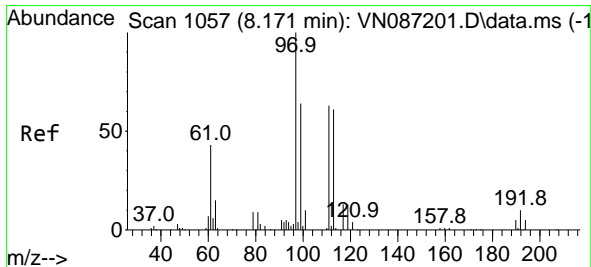
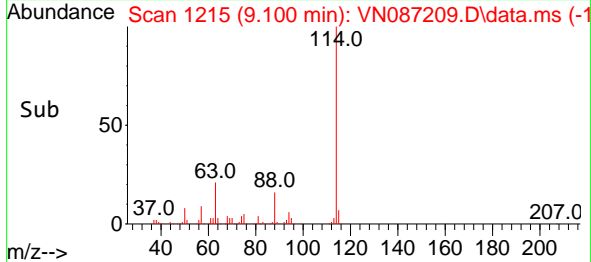
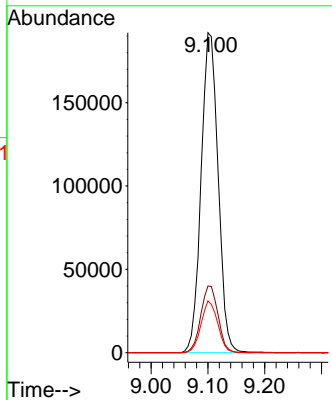
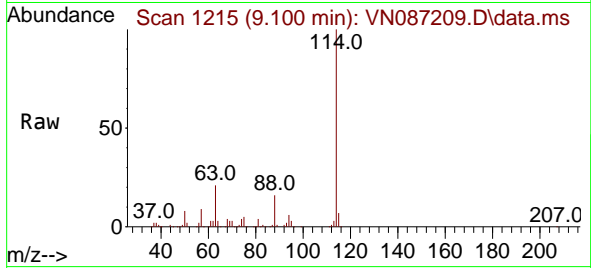




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

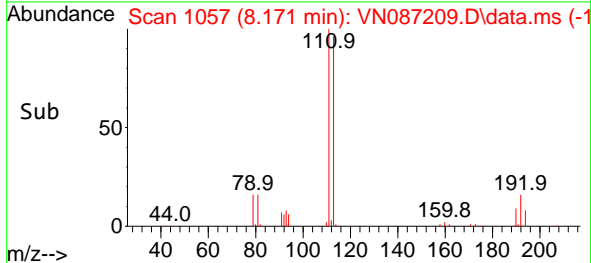
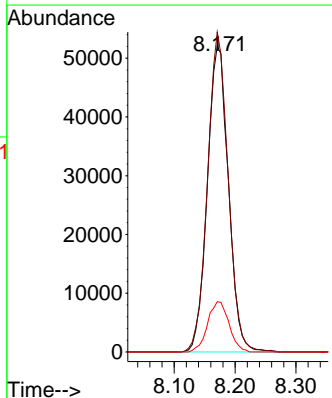
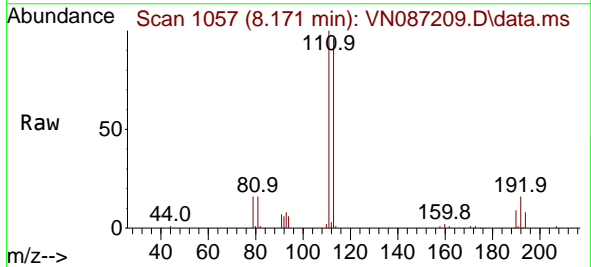
Instrument : MSVOA_N
 ClientSampleId : VN0627WBL01

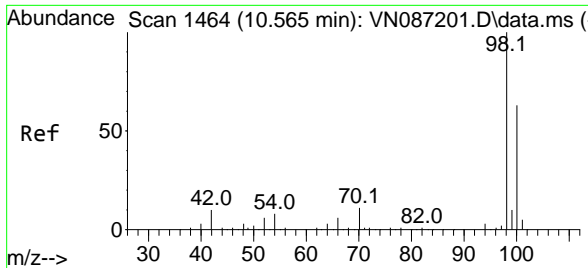
Tgt Ion	Resp	Ion Ratio	Lower	Upper
114	398772	100		
63	20.9	0.0	0.0	42.0
88	16.2	0.0	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 48.600 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

Tgt Ion	Resp	Ion Ratio	Lower	Upper
113	125295	100		
111	102.4	82.6	82.6	124.0
192	16.7	13.5	13.5	20.3

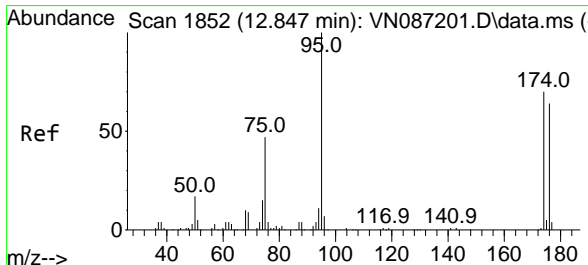
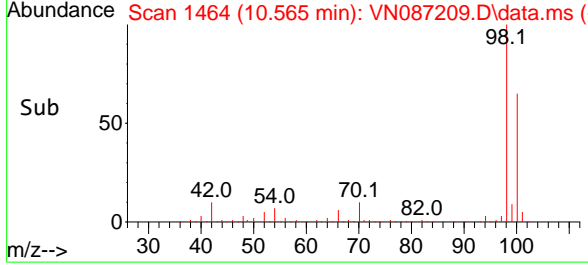
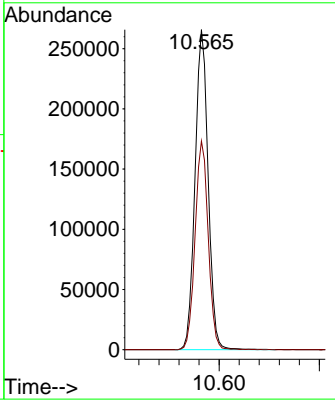
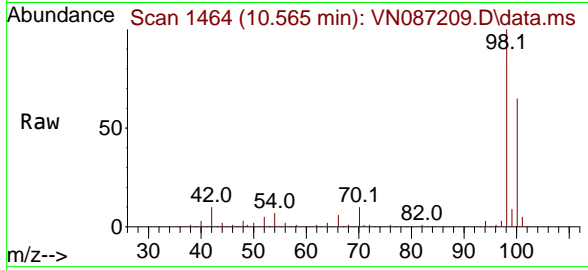




#50
 Toluene-d8
 Concen: 45.073 ug/l
 RT: 10.565 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

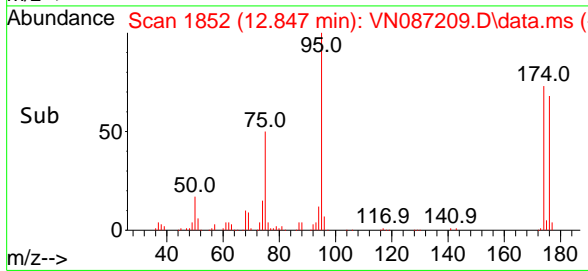
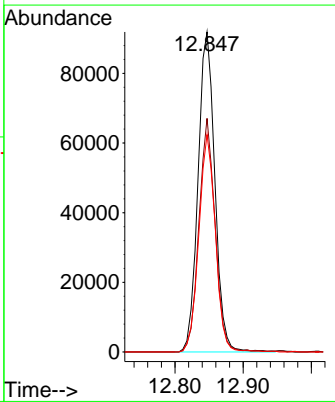
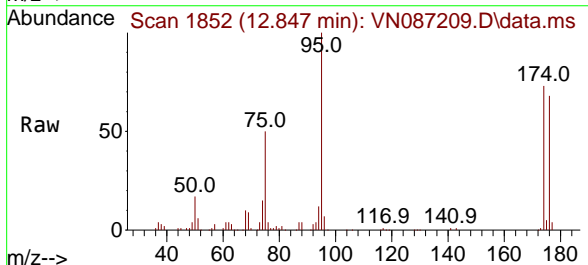
Instrument : MSVOA_N
 ClientSampleId : VN0627WBL01

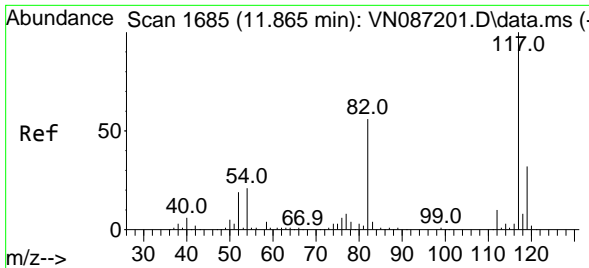
Tgt Ion: 98 Resp: 480608
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.7 79.1



#62
 4-Bromofluorobenzene
 Concen: 42.668 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

Tgt Ion: 95 Resp: 157866
 Ion Ratio Lower Upper
 95 100
 174 70.3 0.0 142.2
 176 66.8 0.0 134.8



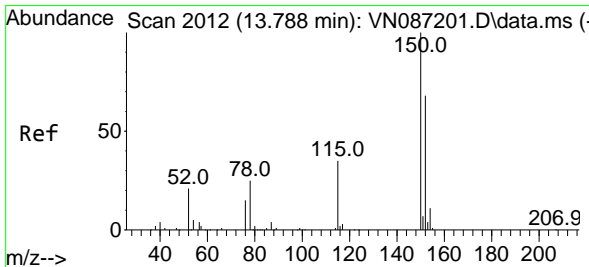
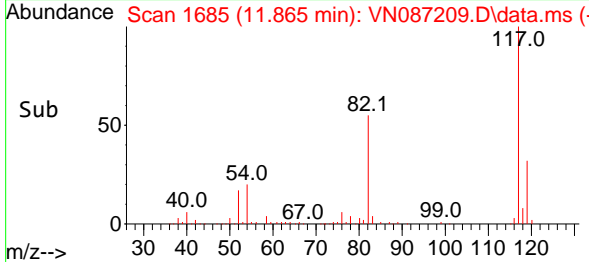
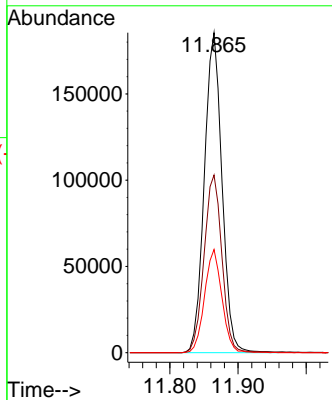
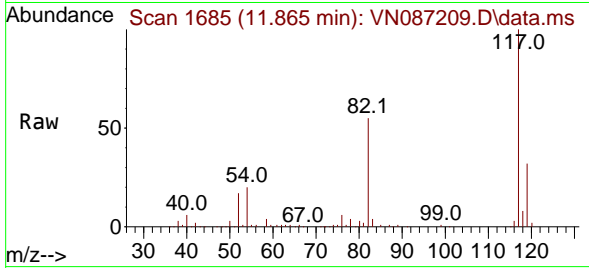


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 117
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

Instrument : MSVOA_N
 ClientSampleId : VN0627WBL01

Tgt Ion:117 Resp: 333801

Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.0	67.4
119	32.3	25.9	38.9



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

Tgt Ion:152 Resp: 147923

Ion	Ratio	Lower	Upper
152	100		
115	61.8	30.6	91.8
150	158.1	0.0	347.8

