

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086505.D
 Acq On : 06 May 2025 11:11
 Operator : JC\MD
 Sample : VN0506MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0506MBL01

Quant Time: May 07 02:53:55 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	194854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	360705	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132474	46.884	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.760%
35) Dibromofluoromethane	8.165	113	101375	60.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.120%
50) Toluene-d8	10.565	98	453908	50.733	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.847	95	158981	48.717	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.440%

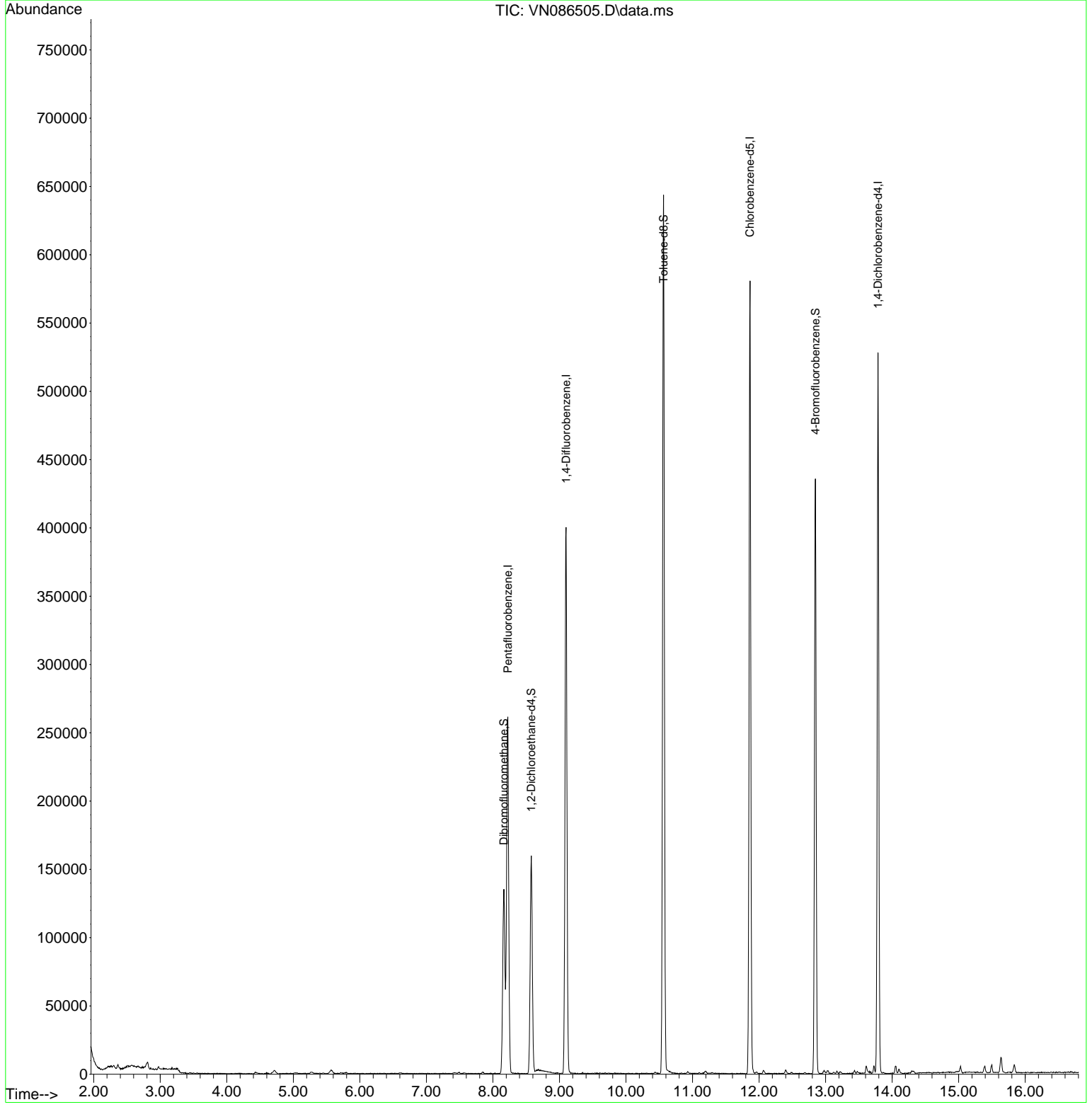
Target Compounds Qvalue

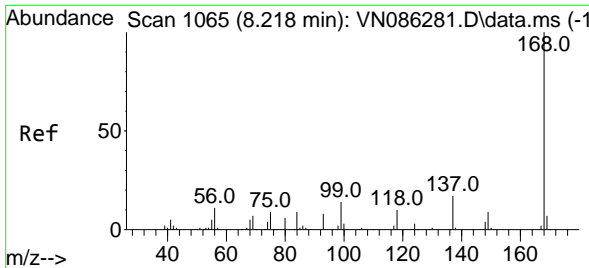
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN086505.D
 Acq: 06 May 2025 11:11

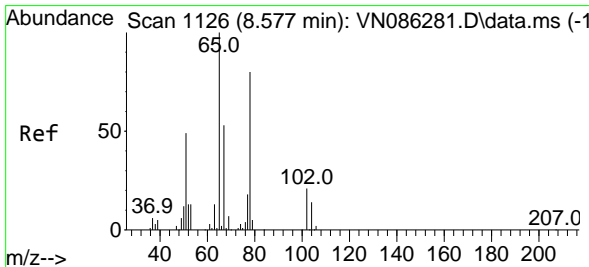
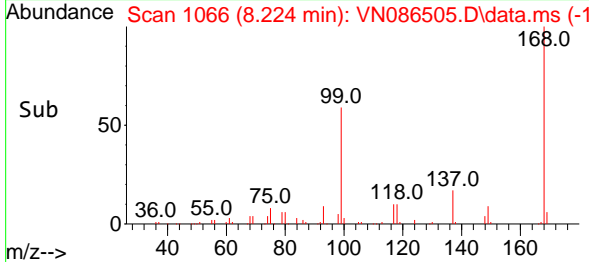
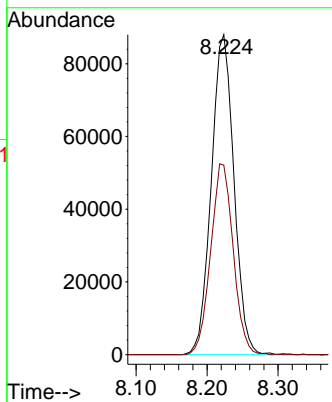
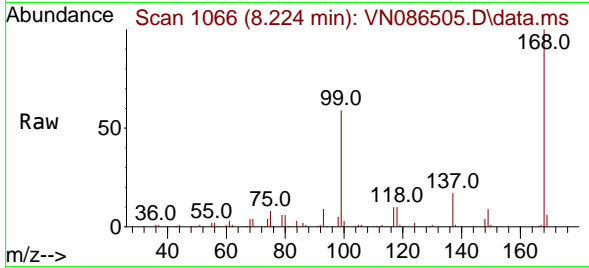
Instrument :

MSVOA_N

ClientSampleId :

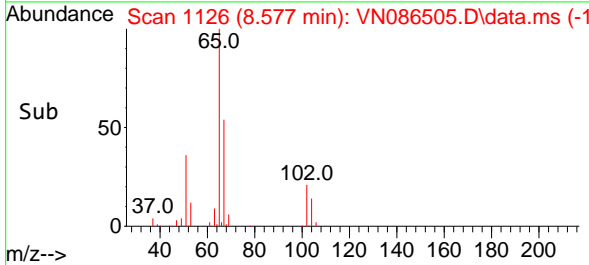
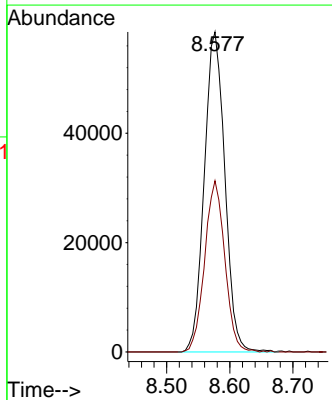
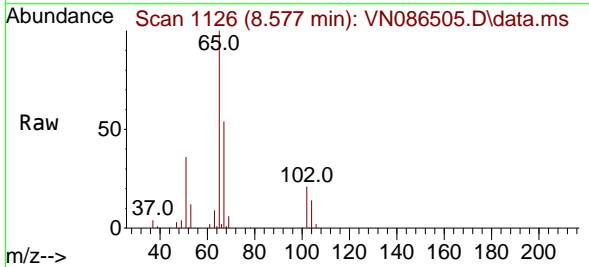
VN0506MBL01

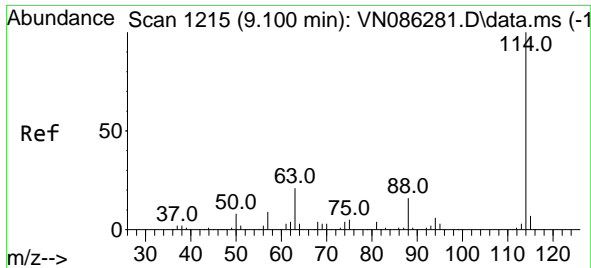
Tgt Ion:168 Resp: 194854
 Ion Ratio Lower Upper
 168 100
 99 59.3 52.5 78.7



#33
 1,2-Dichloroethane-d4
 Concen: 46.884 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086505.D
 Acq: 06 May 2025 11:11

Tgt Ion: 65 Resp: 132474
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.0



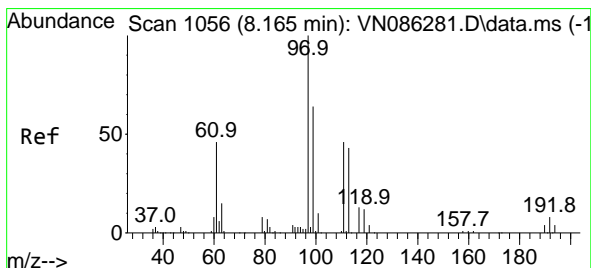
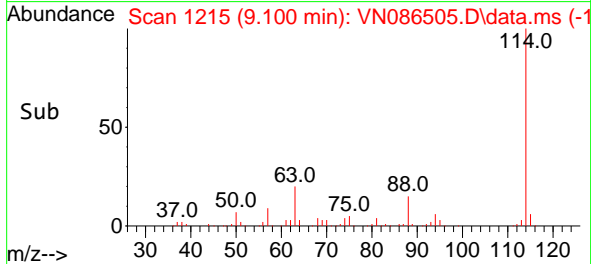
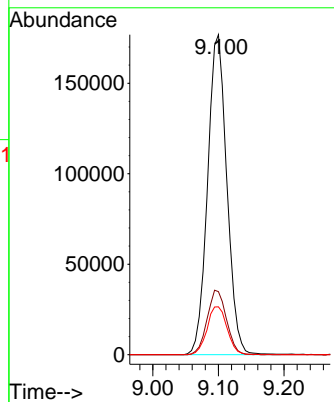
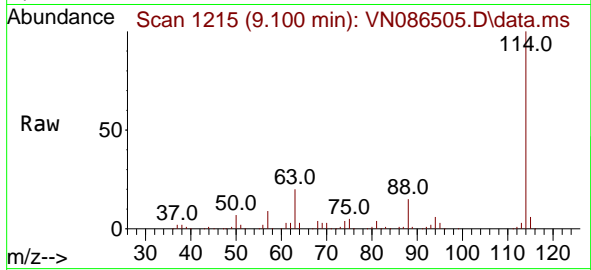


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086505.D
 Acq: 06 May 2025 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506MBL01

Tgt Ion:114 Resp: 360705

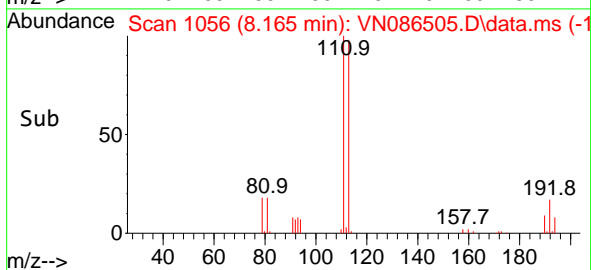
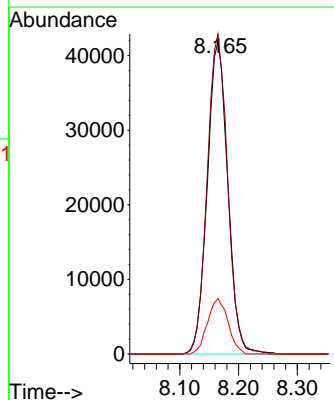
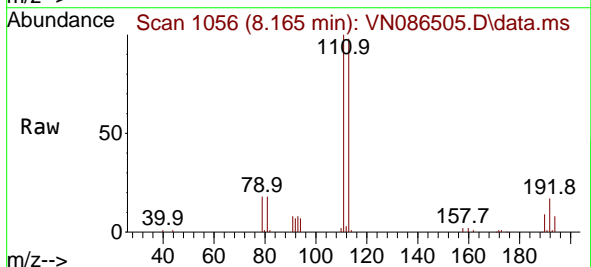
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.6
88	14.9	0.0	31.8

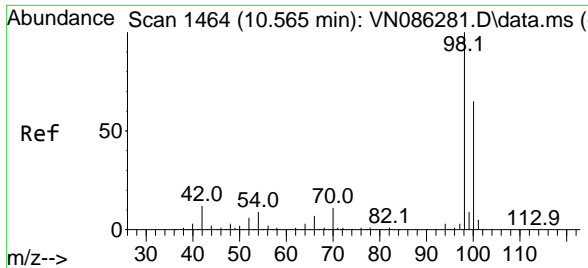


#35
 Dibromofluoromethane
 Concen: 60.556 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN086505.D
 Acq: 06 May 2025 11:11

Tgt Ion:113 Resp: 101375

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.0
192	17.8	13.7	20.5





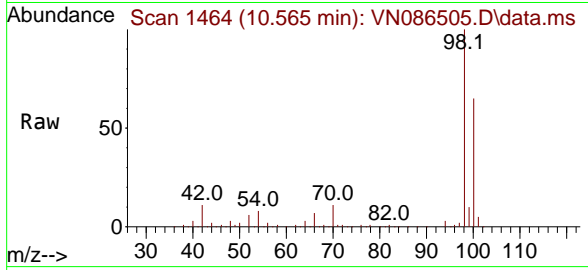
#50
 Toluene-d8
 Concen: 50.733 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086505.D
 Acq: 06 May 2025 11:11

Instrument :

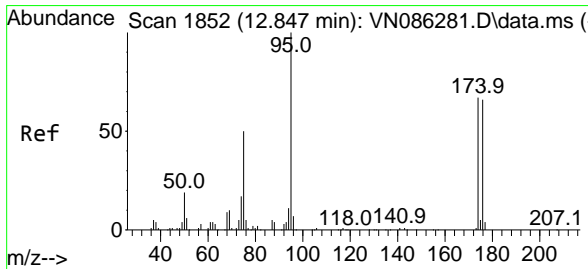
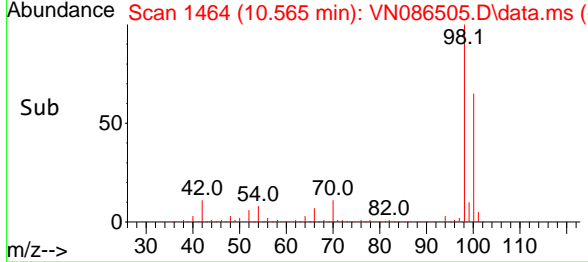
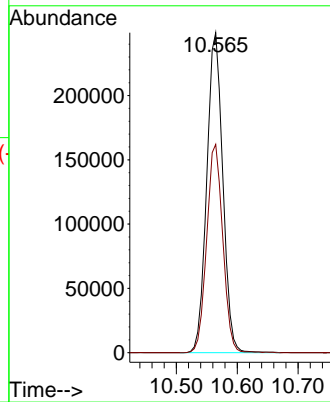
MSVOA_N

ClientSampleId :

VN0506MBL01

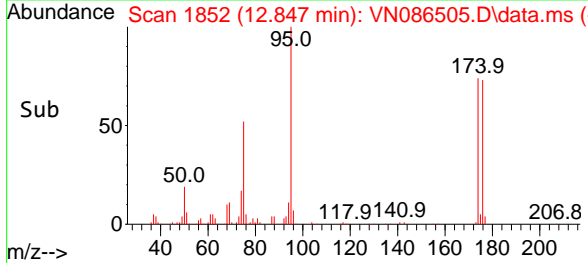
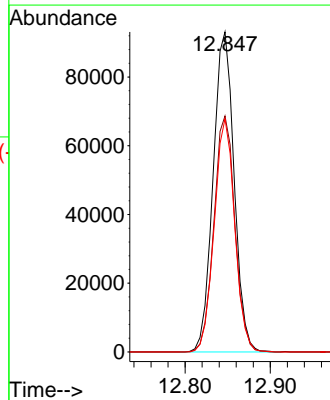
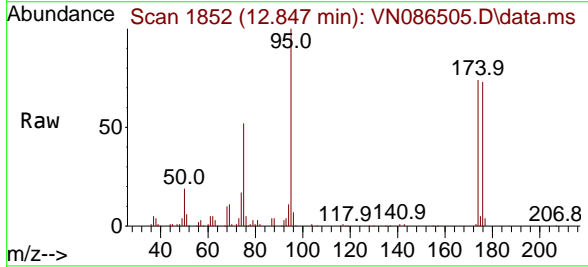


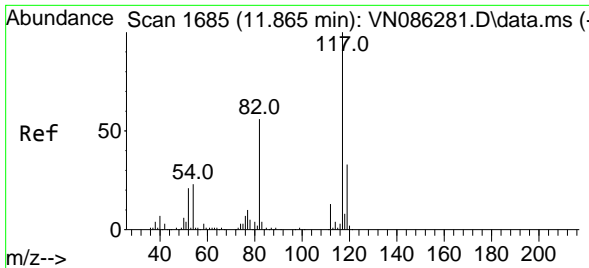
Tgt Ion: 98 Resp: 453908
 Ion Ratio Lower Upper
 98 100
 100 65.5 52.5 78.7



#62
 4-Bromofluorobenzene
 Concen: 48.717 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN086505.D
 Acq: 06 May 2025 11:11

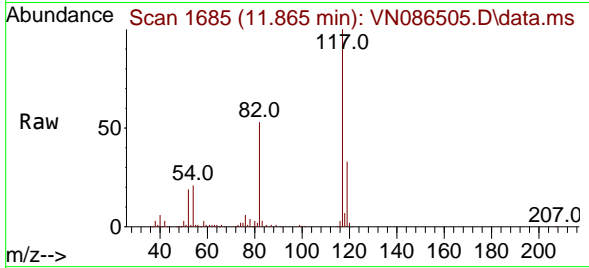
Tgt Ion: 95 Resp: 158981
 Ion Ratio Lower Upper
 95 100
 174 74.0 0.0 133.4
 176 71.1 0.0 129.2





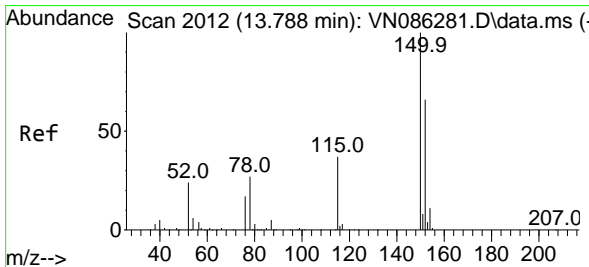
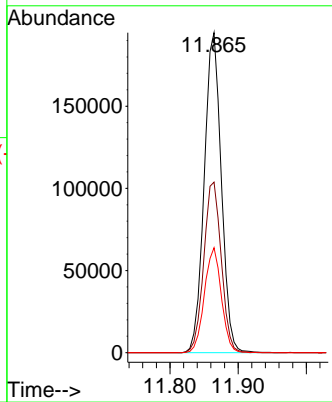
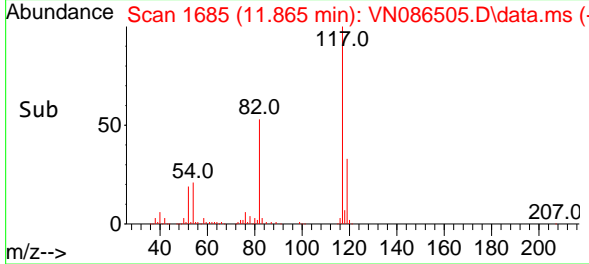
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN086505.D
 Acq: 06 May 2025 11:11

Instrument : MSVOA_N
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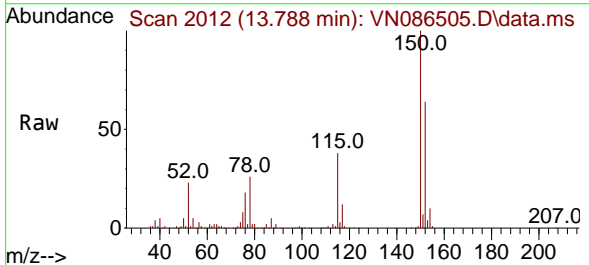


Tgt Ion:117 Resp: 339328

Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.7	67.1
119	32.8	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: VN086505.D
 Acq: 06 May 2025 11:11



Tgt Ion:152 Resp: 141530

Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.9	95.9
150	159.0	0.0	352.0

