

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086499.D
 Acq On : 05 May 2025 20:26
 Operator : JC\MD
 Sample : Q1939-03 20X
 Misc : 7.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GB2

Quant Time: May 06 01:48:22 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)

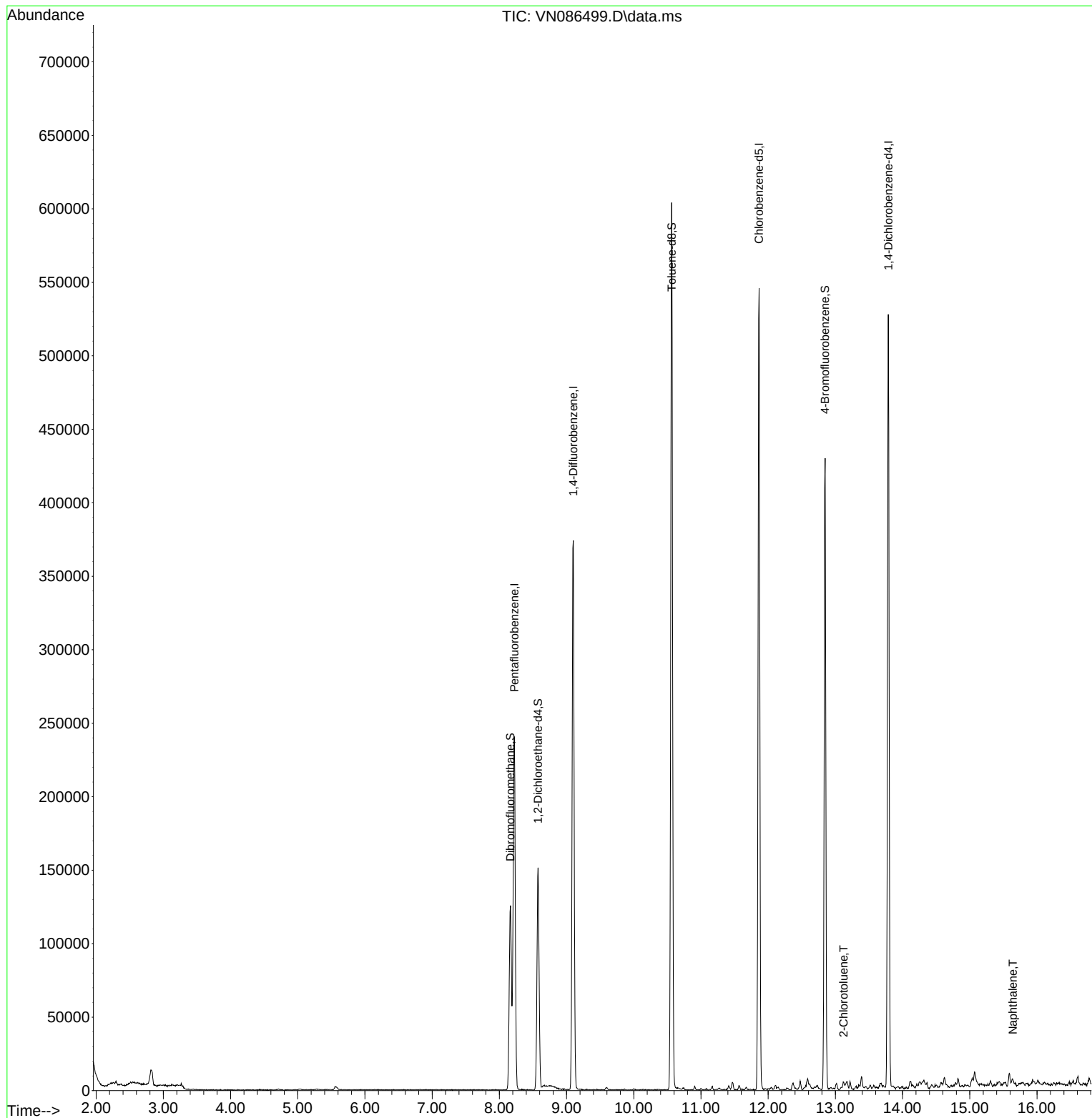
Internal Standards						
1) Pentafluorobenzene	8.224	168	182084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	339373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	123585	46.806	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.620%
35) Dibromofluoromethane	8.165	113	93708	59.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.980%
50) Toluene-d8	10.565	98	427180	50.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.847	95	154461	50.307	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.620%
Target Compounds						
					Qvalue	
79) 2-Chlorotoluene	13.123	91	3835	0.438	ug/l	92
95) Naphthalene	15.641	128	4849	0.596	ug/l	96

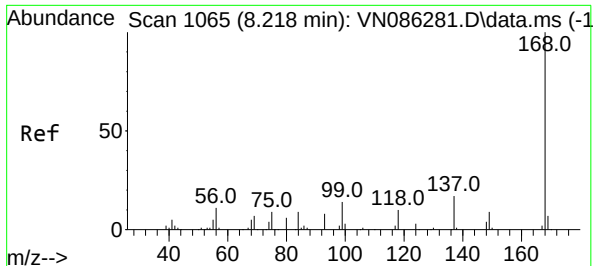
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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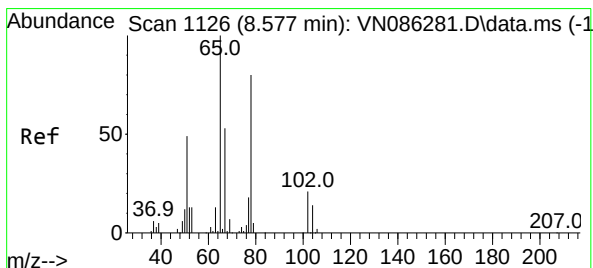
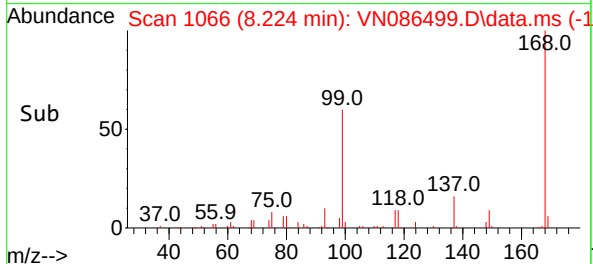
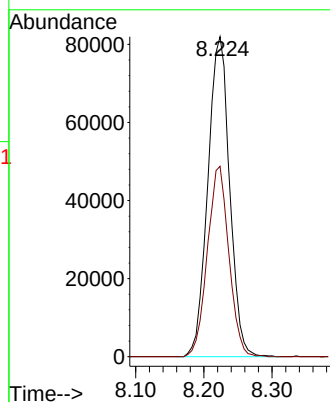
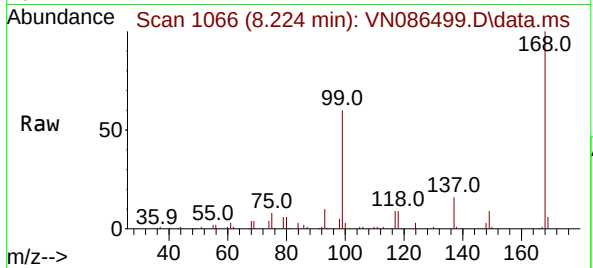




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

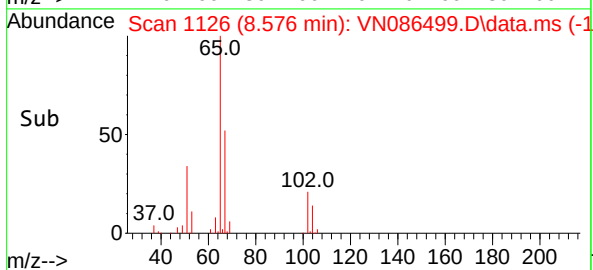
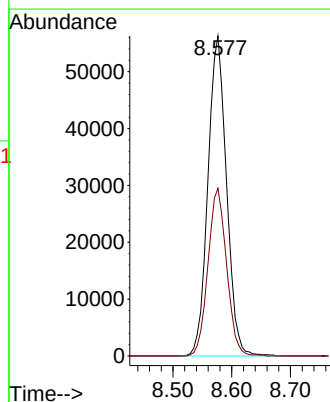
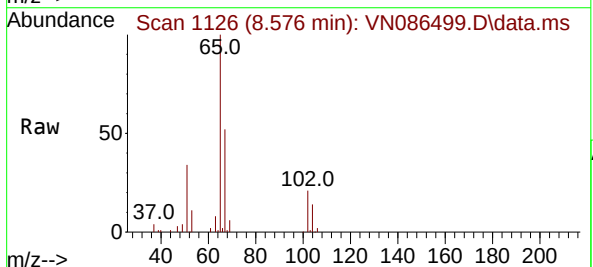
Instrument :
MSVOA_N
ClientSampleId :
GB2

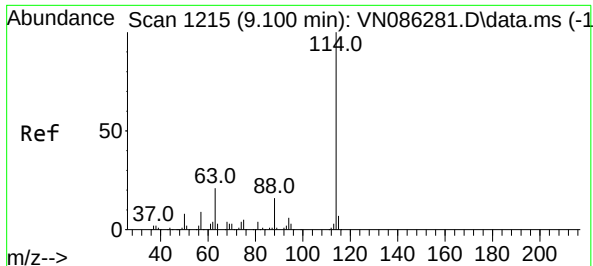
Tgt Ion:168 Resp: 182084
Ion Ratio Lower Upper
168 100
99 59.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 46.806 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

Tgt Ion: 65 Resp: 123585
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0

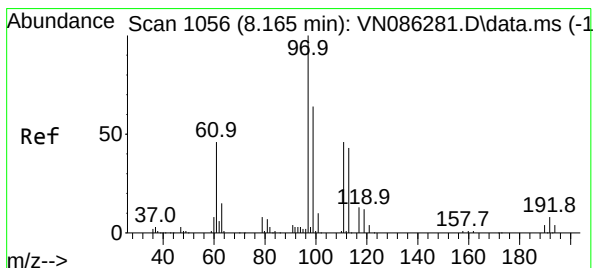
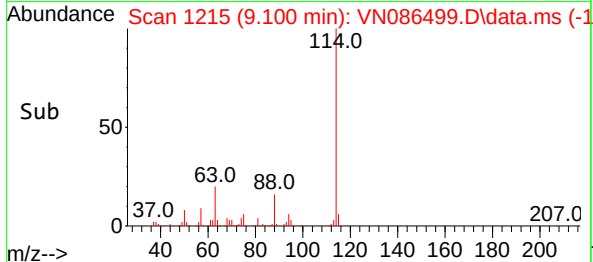
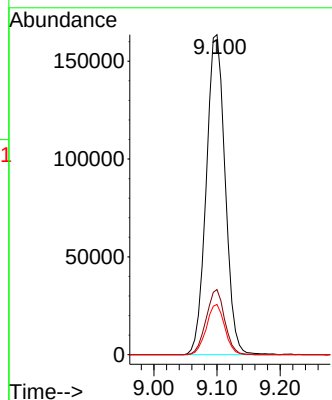
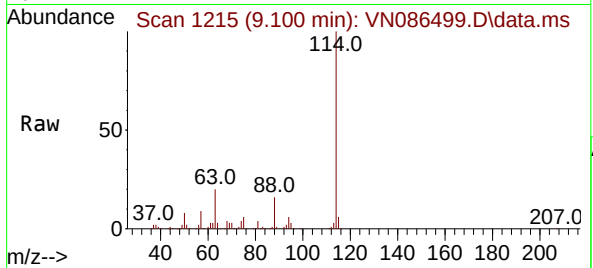




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

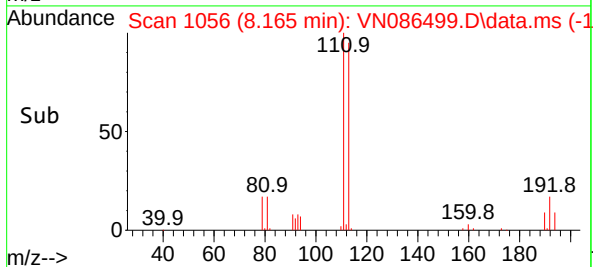
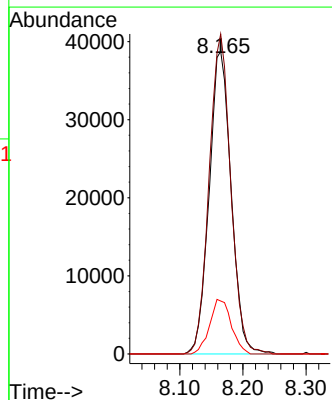
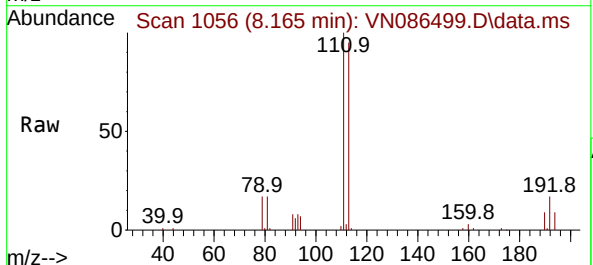
Instrument :
MSVOA_N
ClientSampleId :
GB2

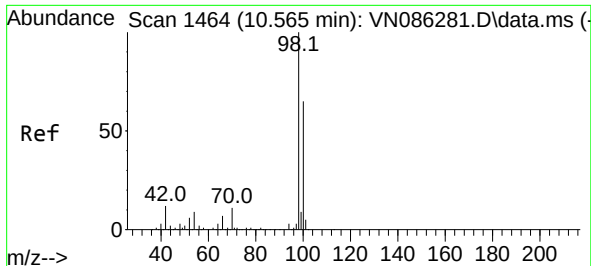
Tgt Ion:114 Resp: 339373
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.494 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

Tgt Ion:113 Resp: 93708
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.0
192 17.7 13.7 20.5

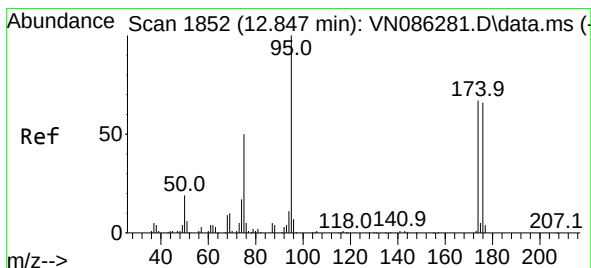
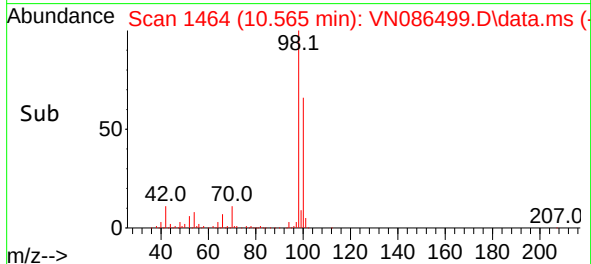
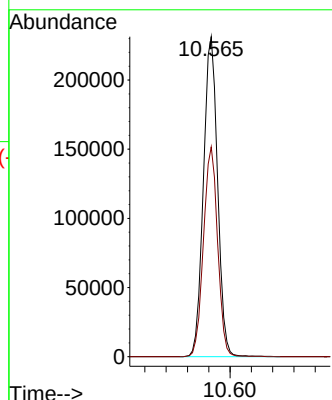
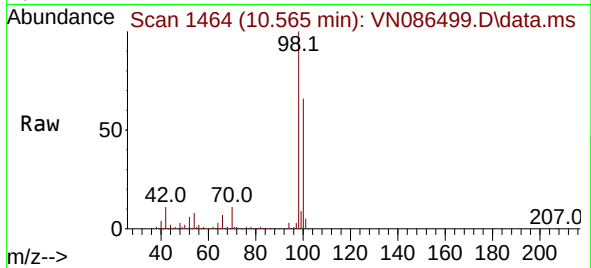




#50
Toluene-d8
Concen: 50.746 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

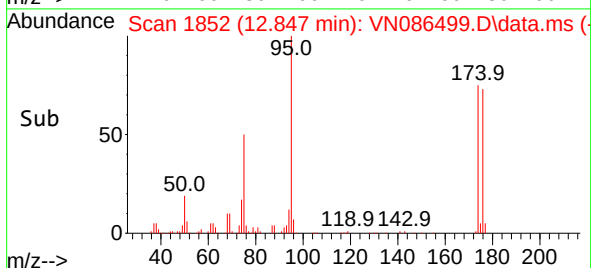
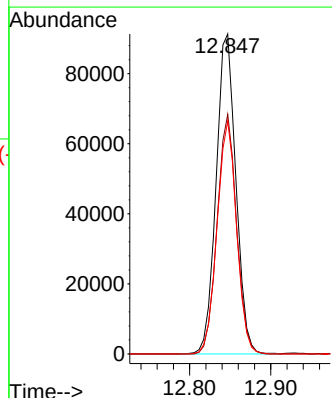
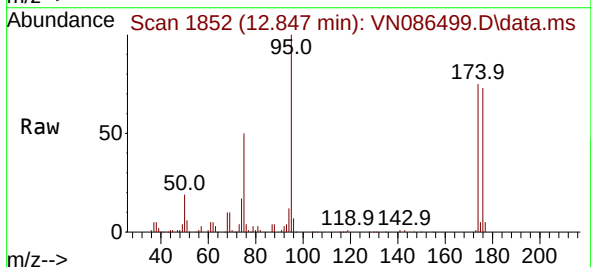
Instrument :
MSVOA_N
ClientSampleId :
GB2

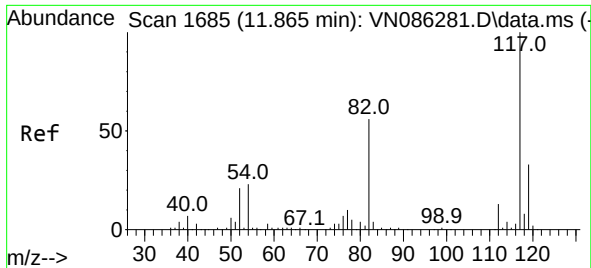
Tgt Ion: 98 Resp: 427180
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.307 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

Tgt Ion: 95 Resp: 154461
Ion Ratio Lower Upper
95 100
174 73.5 0.0 133.4
176 71.6 0.0 129.2

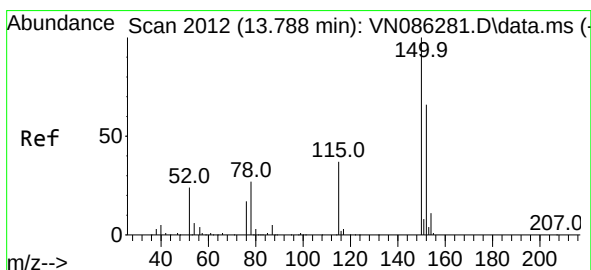
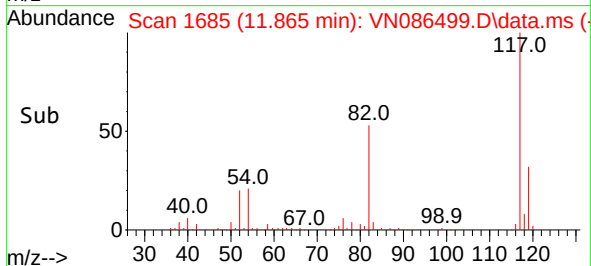
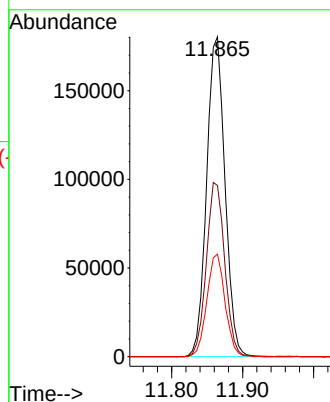
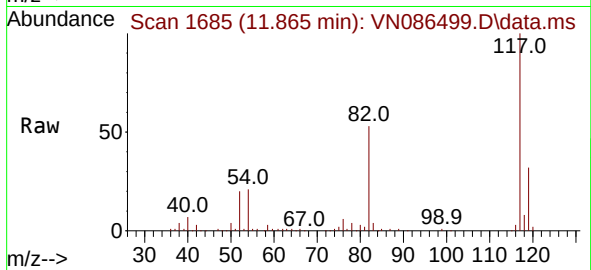




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

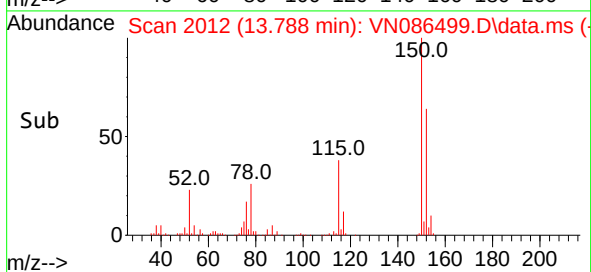
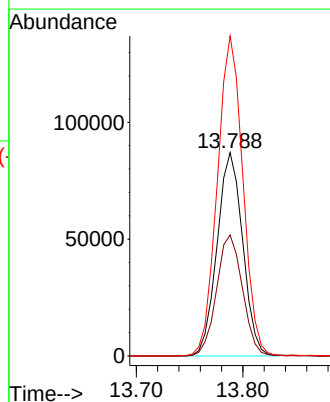
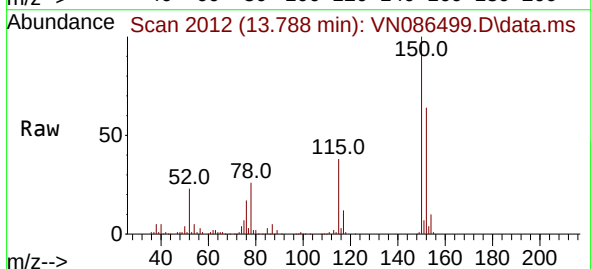
Instrument :
MSVOA_N
ClientSampleId :
GB2

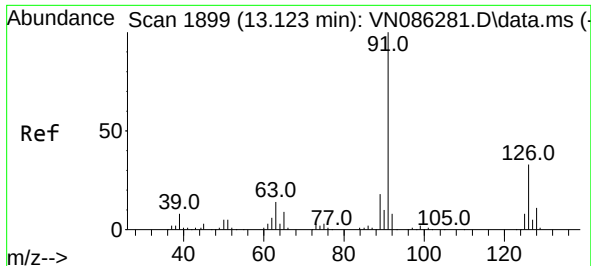
Tgt Ion:117 Resp: 324368
Ion Ratio Lower Upper
117 100
82 53.5 44.7 67.1
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

Tgt Ion:152 Resp: 145198
Ion Ratio Lower Upper
152 100
115 60.1 31.9 95.9
150 157.1 0.0 352.0

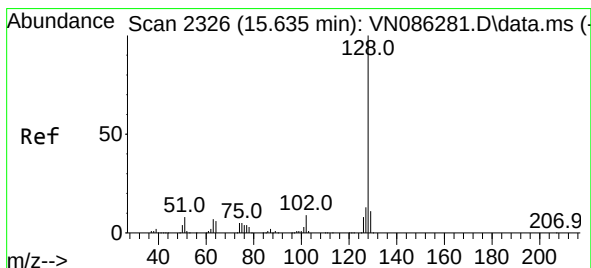
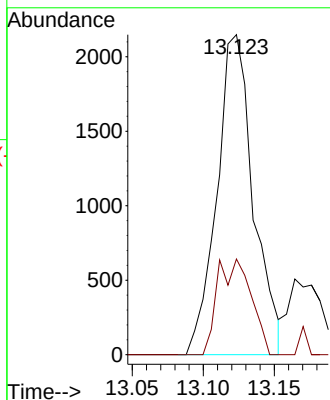
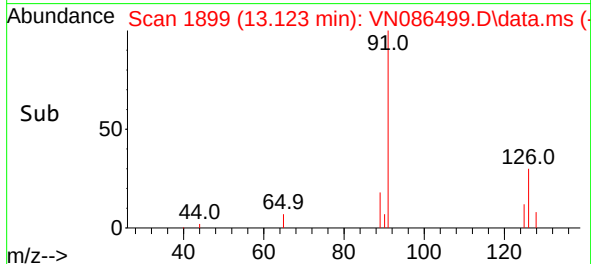
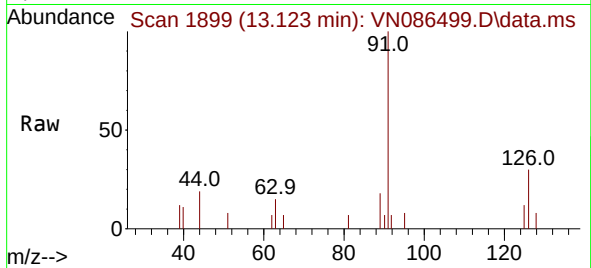




#79
2-Chlorotoluene
Concen: 0.438 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

Instrument :
MSVOA_N
ClientSampleId :
GB2

Tgt Ion: 91 Resp: 3835
Ion Ratio Lower Upper
91 100
126 27.6 16.1 48.2



#95
Naphthalene
Concen: 0.596 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086499.D
Acq: 05 May 2025 20:26

Tgt Ion: 128 Resp: 4849
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.4
129 12.9 8.6 13.0

