

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084524.D
 Acq On : 25 Oct 2024 18:26
 Operator : JC\MD
 Sample : P4550-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-GW-298-300

Quant Time: Oct 26 01:12:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	129311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	205331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	82305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108934	56.817	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.640%
35) Dibromofluoromethane	8.165	113	88206	55.932	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.860%
50) Toluene-d8	10.565	98	283116	48.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.600%
62) 4-Bromofluorobenzene	12.847	95	92209	43.624	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.240%

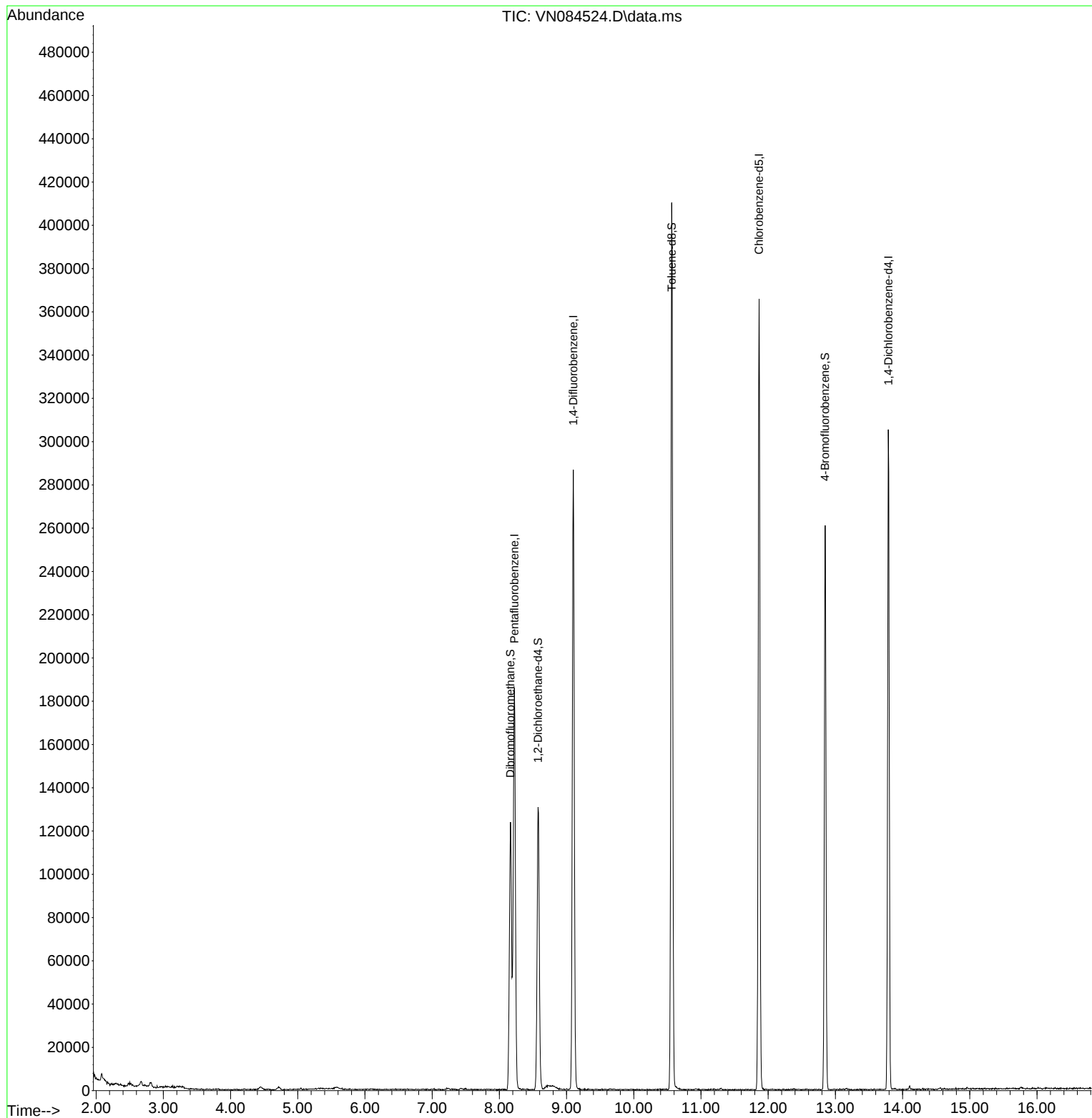
Target Compounds	Qvalue

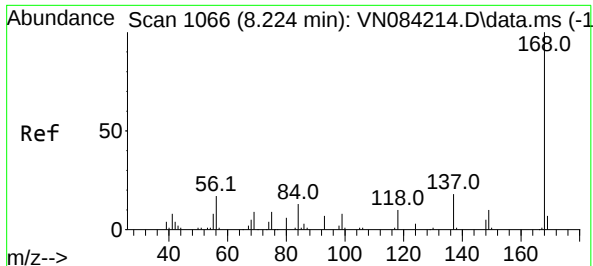
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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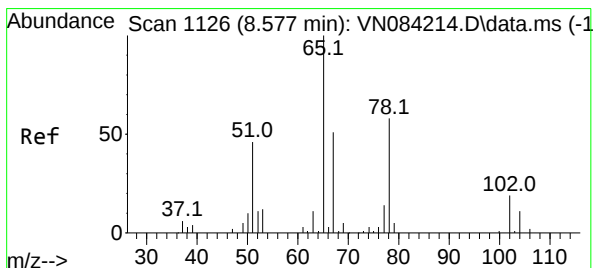
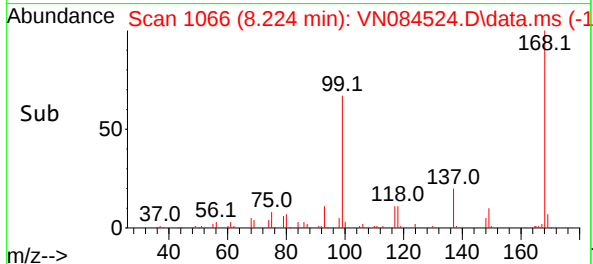
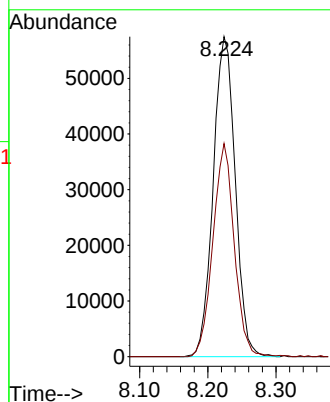
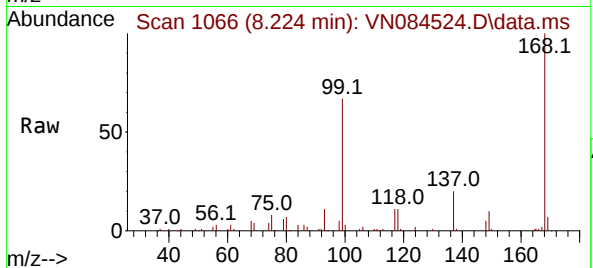




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

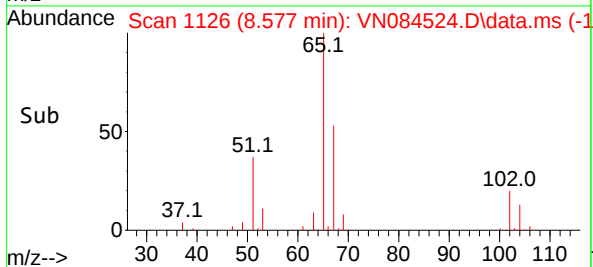
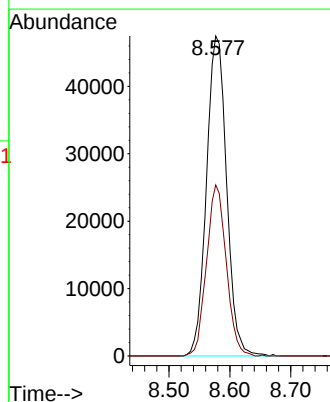
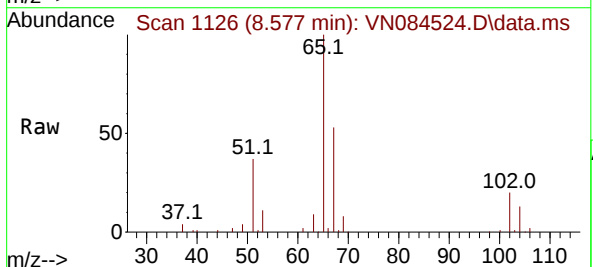
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-298-300

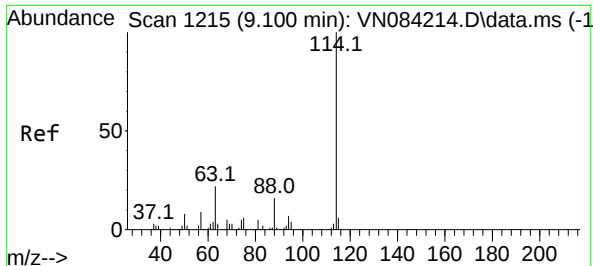
Tgt Ion:168 Resp: 129311
Ion Ratio Lower Upper
168 100
99 66.6 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 56.817 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion: 65 Resp: 108934
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.0

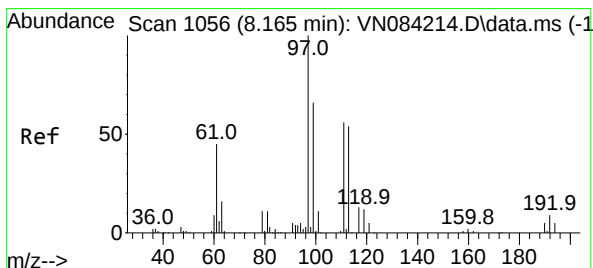
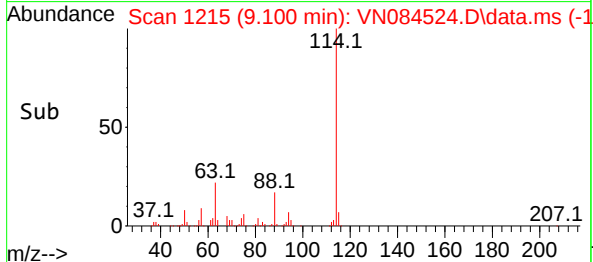
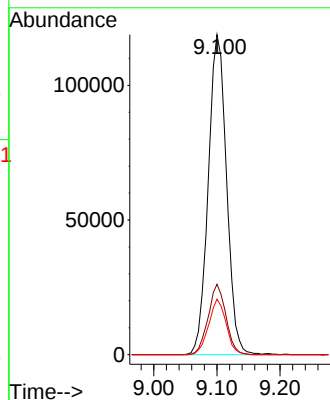
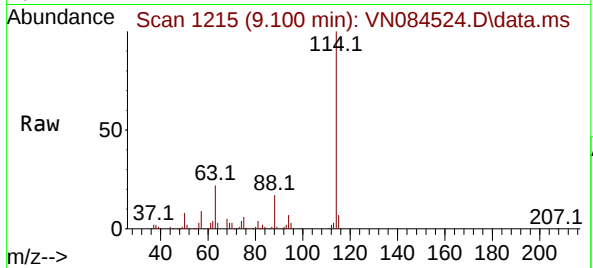




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

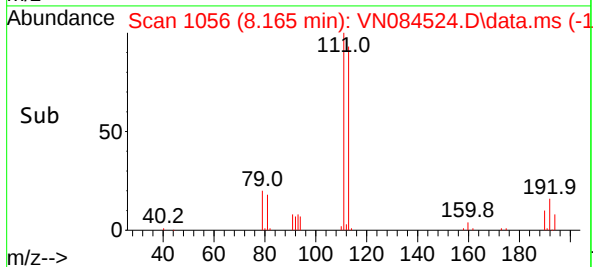
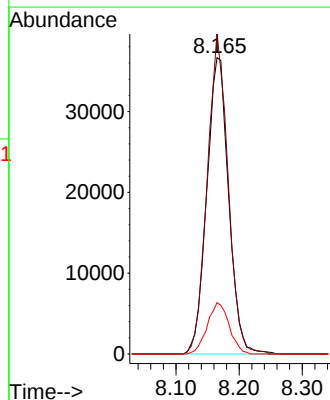
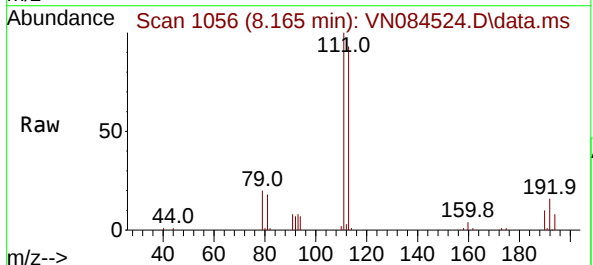
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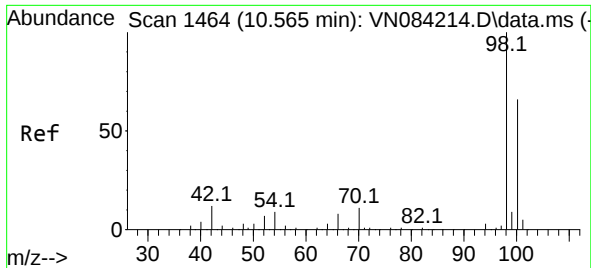
Tgt Ion:	114	Resp:	239210
Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	17.4	0.0	31.6



#35
Dibromofluoromethane
Concen: 55.932 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion:	113	Resp:	88206
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.3	124.9
192	17.3	13.5	20.3

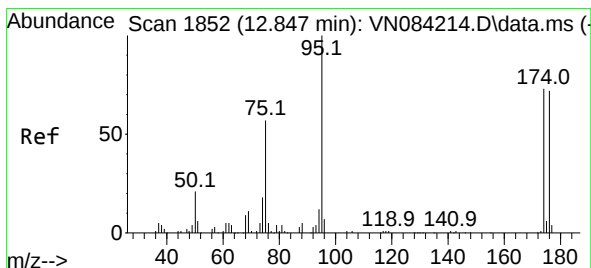
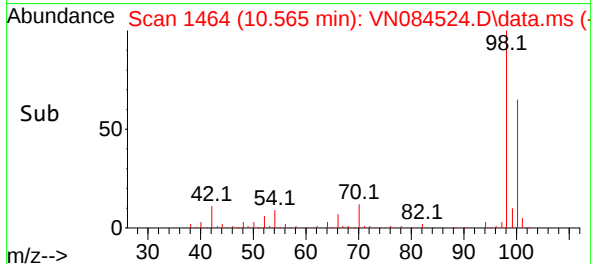
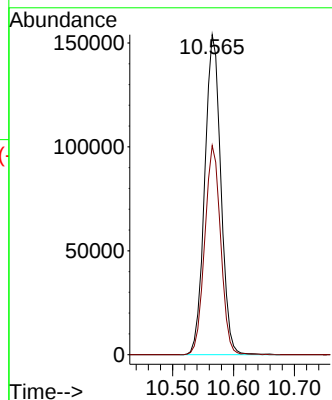
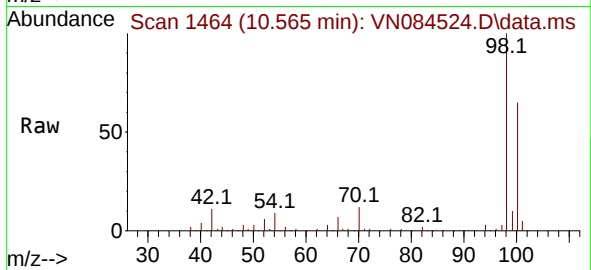




#50
Toluene-d8
Concen: 48.796 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

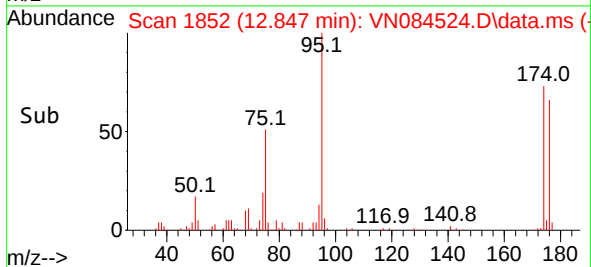
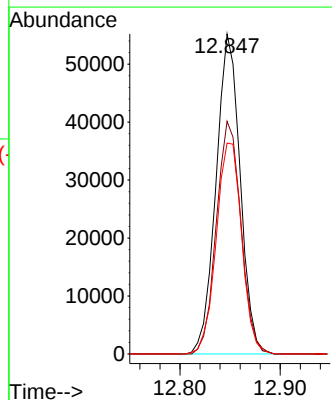
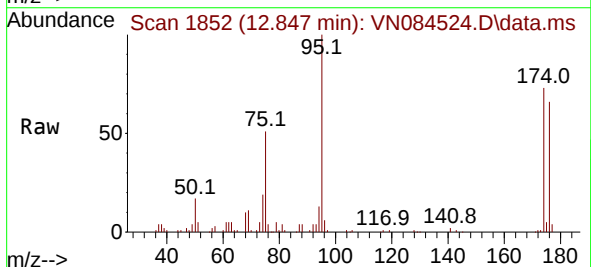
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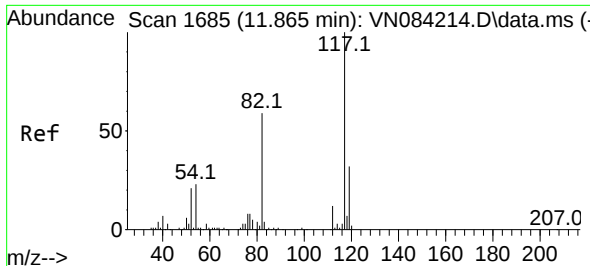
Tgt Ion: 98 Resp: 283116
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.624 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion: 95 Resp: 92209
Ion Ratio Lower Upper
95 100
174 74.3 0.0 145.2
176 69.6 0.0 140.0

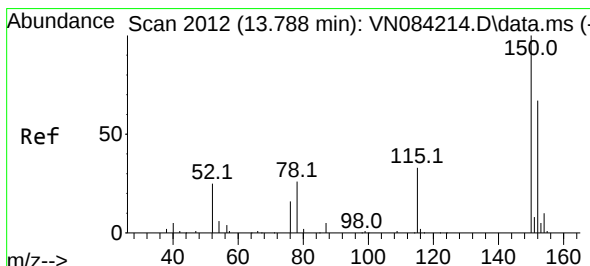
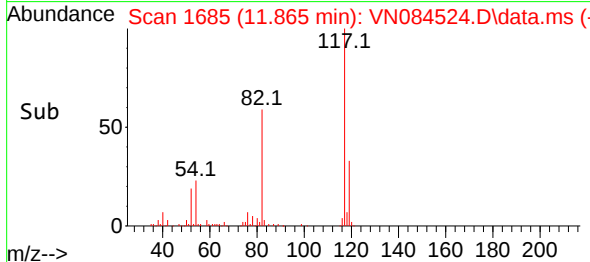
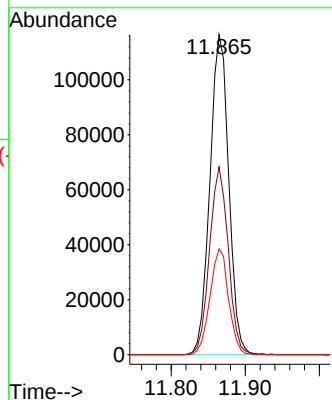
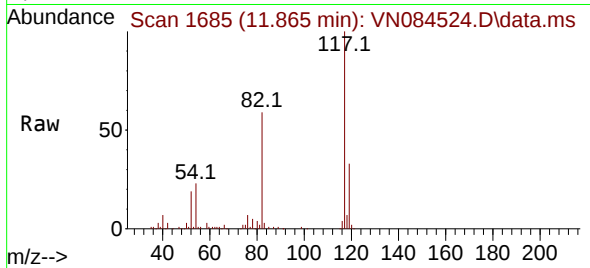




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-GW-298-300

Tgt Ion:117 Resp: 205331
Ion Ratio Lower Upper
117 100
82 58.7 47.2 70.8
119 33.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084524.D
Acq: 25 Oct 2024 18:26

Tgt Ion:152 Resp: 82305
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.9
150 157.4 0.0 349.8

