

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084809.D
 Acq On : 12 Nov 2024 20:26
 Operator : JC\MD
 Sample : P4780-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Nov 13 02:37:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

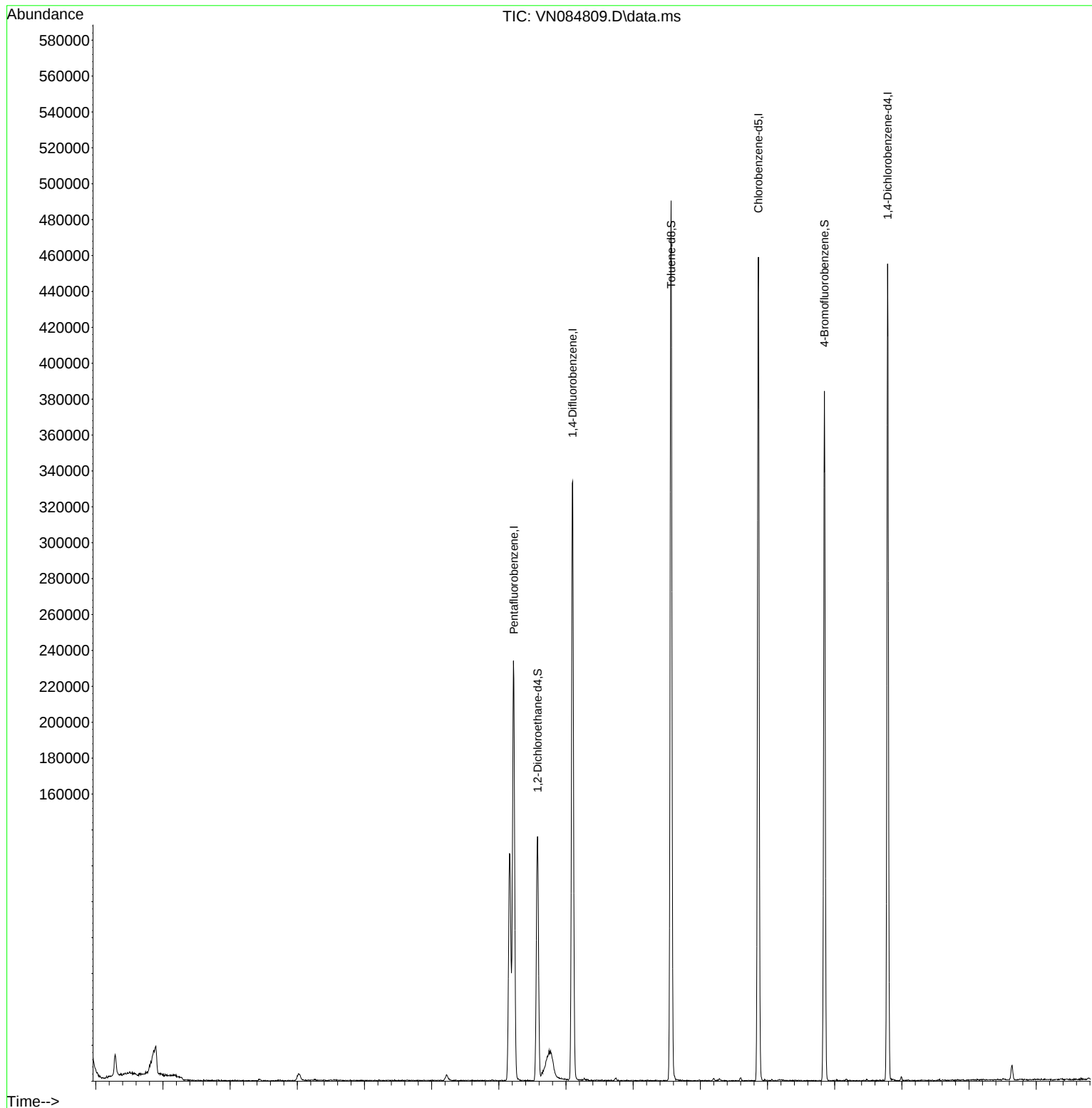
Internal Standards						
1) Pentafluorobenzene	8.224	168	171524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116568	47.053	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.100%		
35) Dibromofluoromethane	8.165	113	94949	47.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.660%		
50) Toluene-d8	10.565	98	334645	45.280	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.560%		
62) 4-Bromofluorobenzene	12.847	95	136021	49.246	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.500%		
Target Compounds						
95) Naphthalene	15.641	128	9010	1.286	ug/l	Qvalue 99

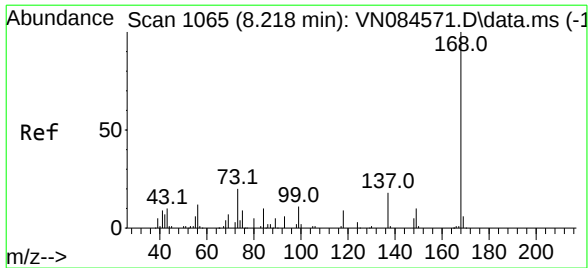
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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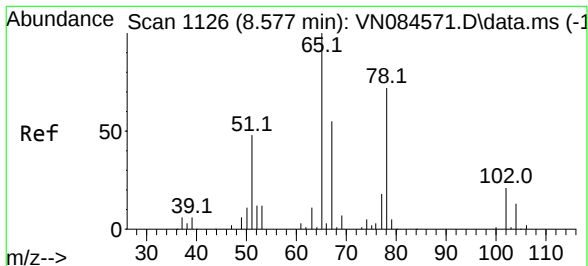
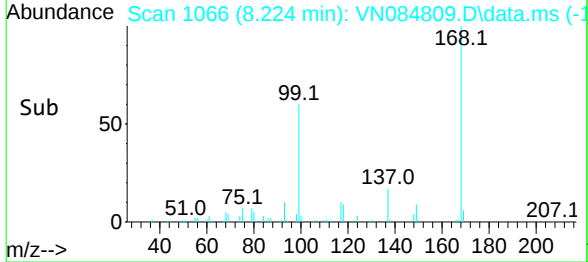
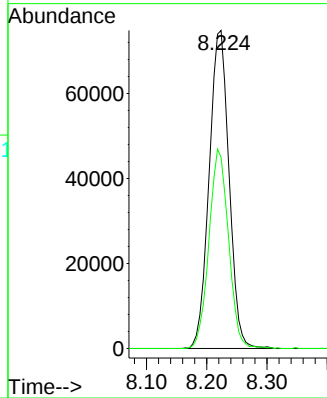
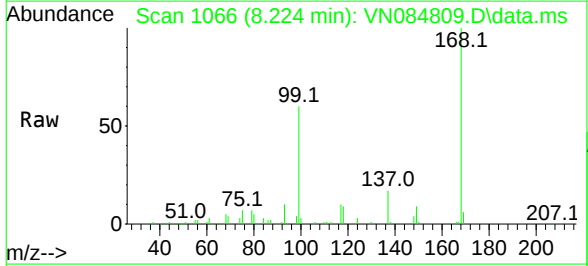




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

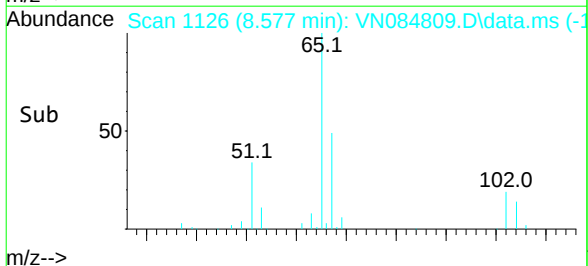
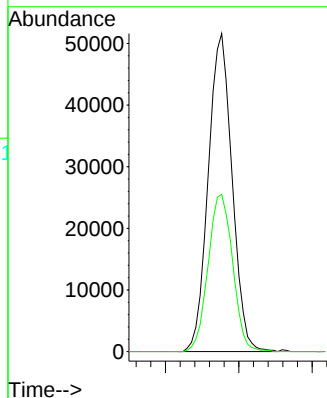
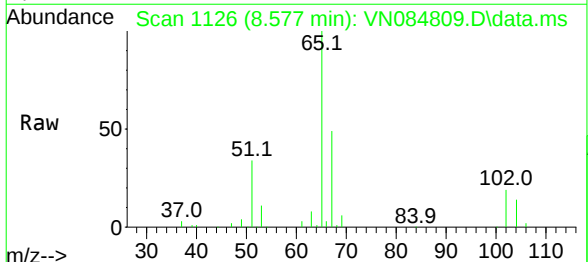
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

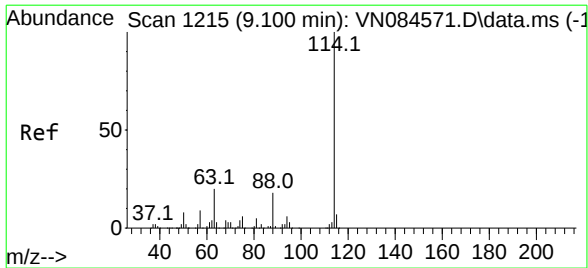
Tgt Ion:168 Resp: 171524
Ion Ratio Lower Upper
168 100
99 60.1 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.053 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion: 65 Resp: 116568
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.0

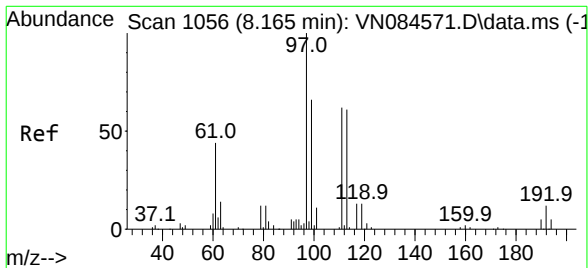
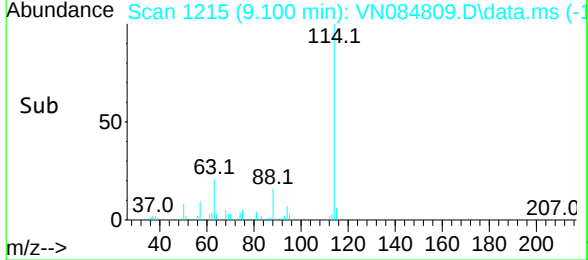
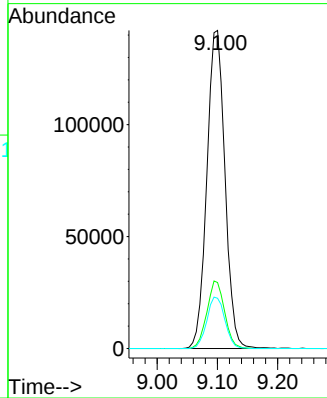
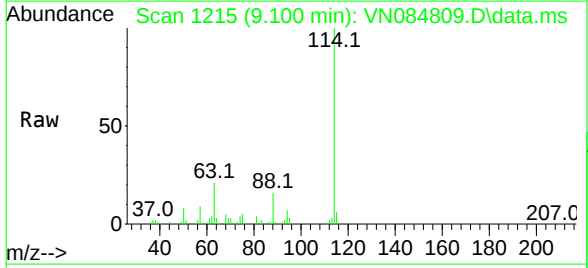




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

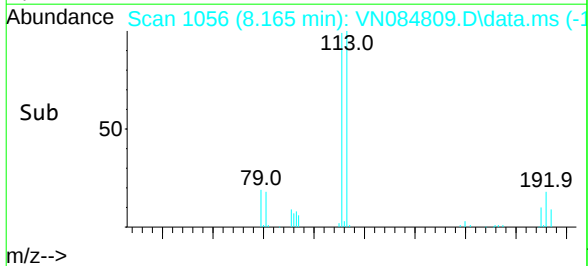
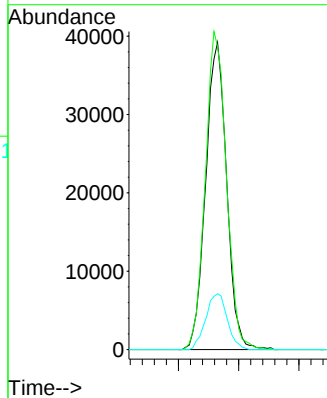
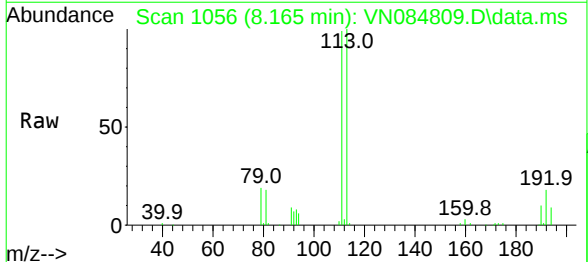
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MSVOA_N
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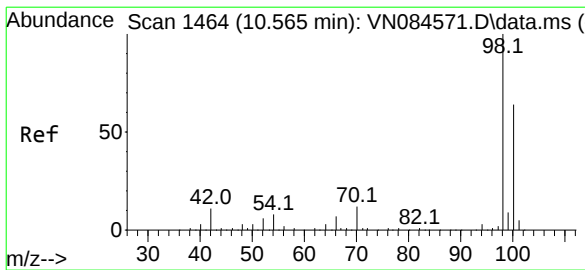
Tgt Ion:	114	Resp:	296404
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	43.8
88	15.8	0.0	31.6



#35
Dibromofluoromethane
Concen: 47.325 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion:	113	Resp:	94949
Ion Ratio	Lower	Upper	
113	100		
111	104.2	83.3	124.9
192	18.6	13.5	20.3

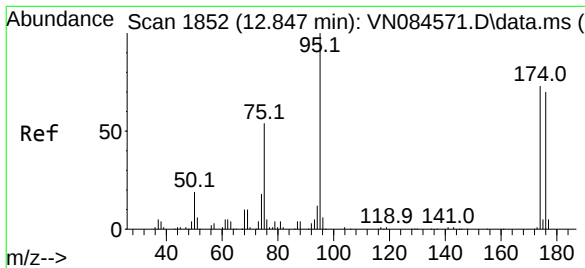
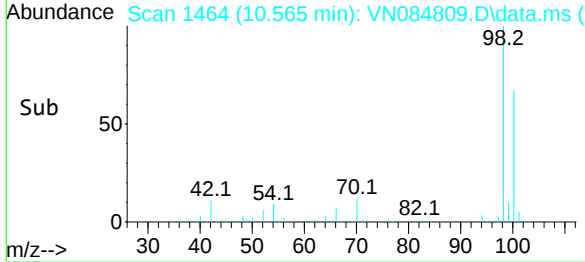
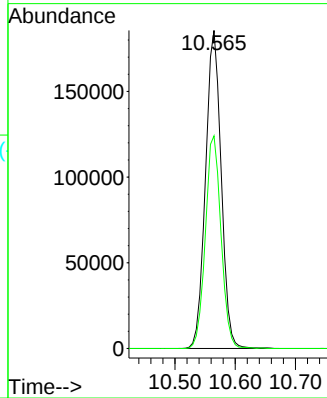
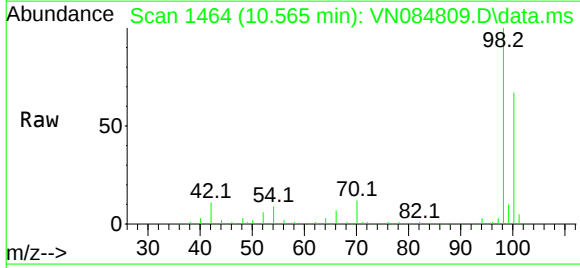




#50
Toluene-d8
Concen: 45.280 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

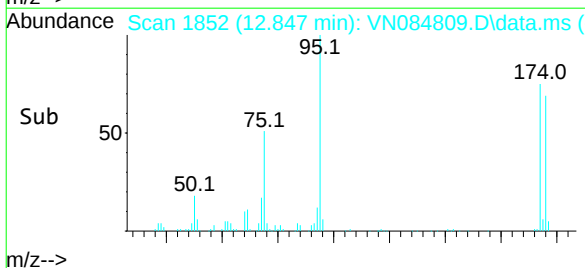
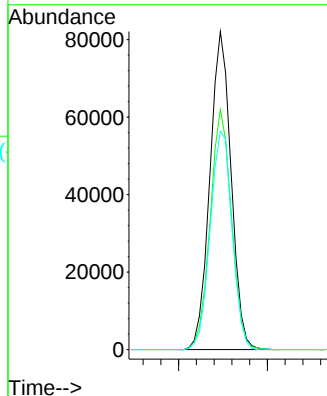
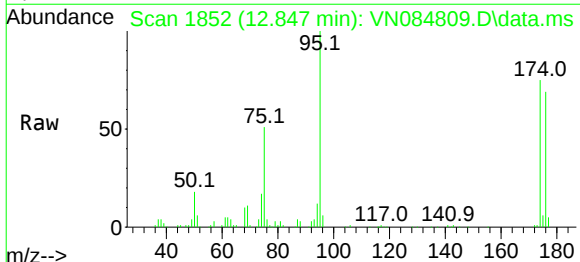
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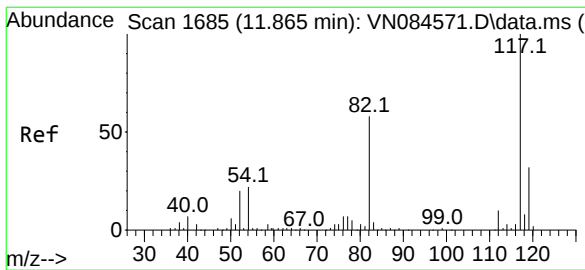
Tgt Ion: 98 Resp: 334645
Ion Ratio Lower Upper
98 100
100 66.9 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 49.246 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Tgt Ion: 95 Resp: 136021
Ion Ratio Lower Upper
95 100
174 75.7 0.0 145.2
176 70.9 0.0 140.0

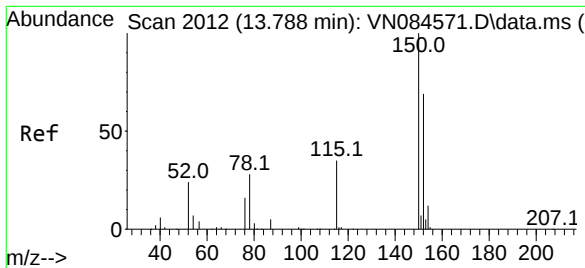
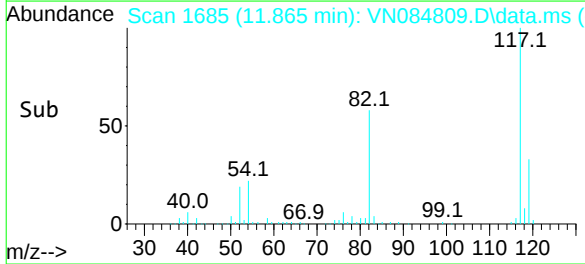
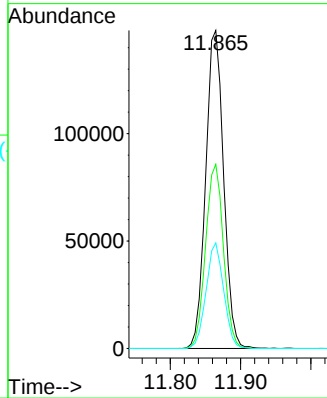
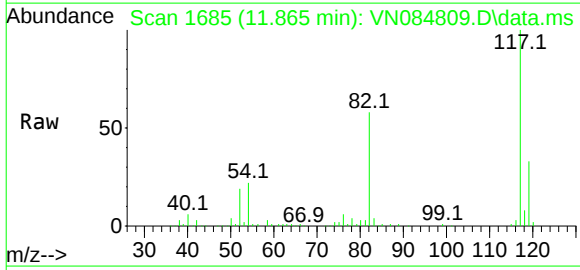




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

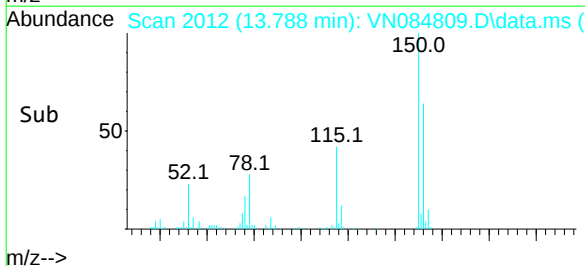
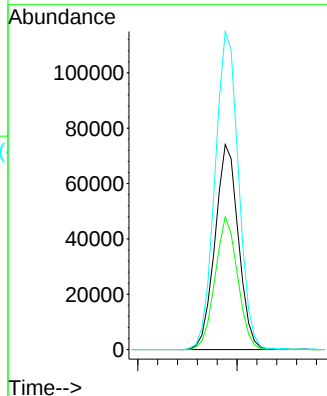
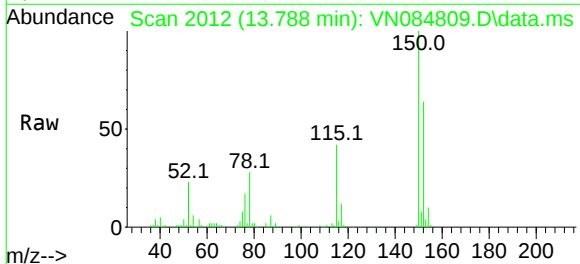
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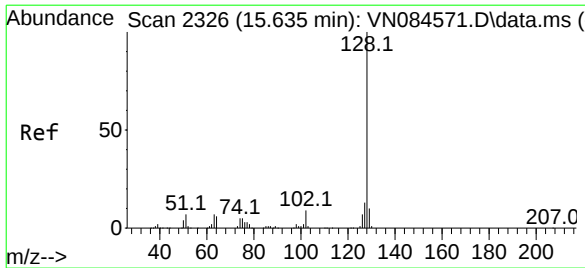
Tgt Ion:	117	Resp:	262417
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.2	70.8
119	33.2	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

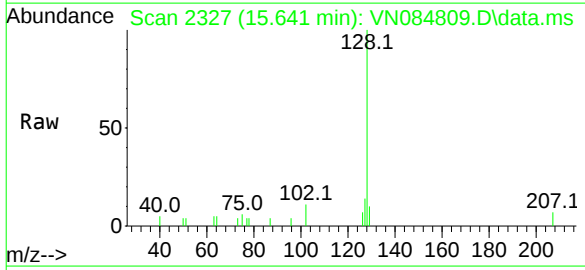
Tgt Ion:	152	Resp:	121062
Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.9
150	156.5	0.0	349.8





#95
Naphthalene
Concen: 1.286 ug/l
RT: 15.641 min Scan# 23
Delta R.T. 0.006 min
Lab File: VN084809.D
Acq: 12 Nov 2024 20:26

Instrument :
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Tgt Ion:	128	Resp:	9010
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	10.7	8.7	13.1

