

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111824\
 Data File : VD080079.D
 Acq On : 18 Nov 2024 19:49
 Operator : RP/MD
 Sample : P4860-08
 Misc : 6.33G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH2-BOT-007

Quant Time: Nov 19 04:51:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 15 16:25:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	216854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	352745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96719	43.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.640%
35) Dibromofluoromethane	7.810	113	115447	49.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.269	98	399589	45.161	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.575	95	122092	42.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.120%

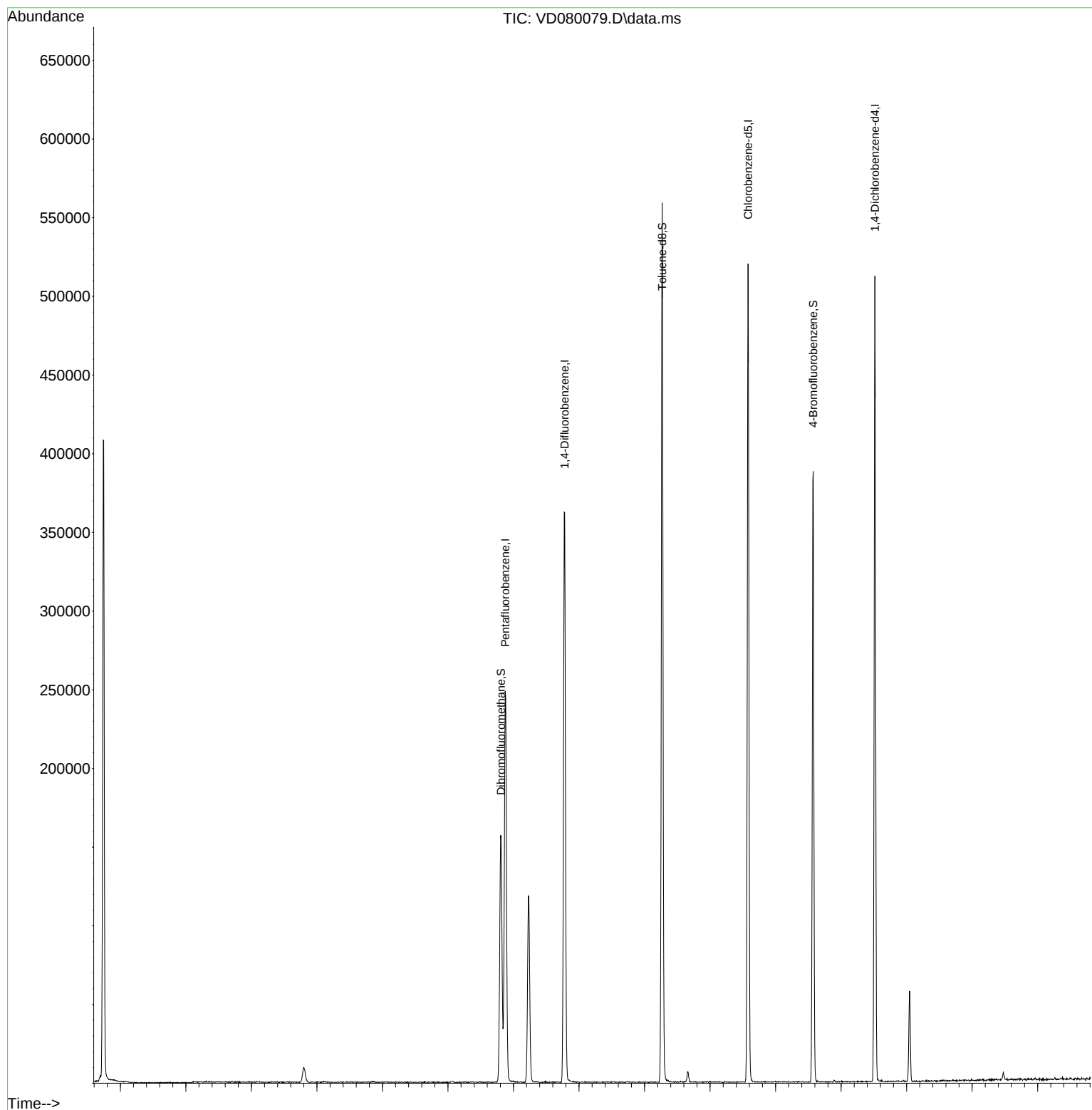
Target Compounds	Qvalue

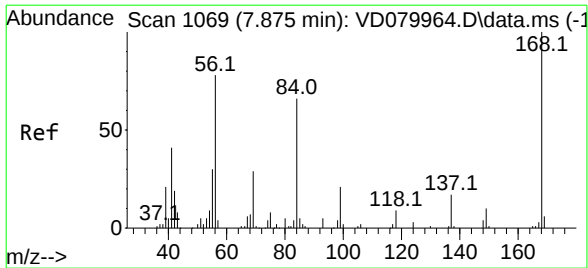
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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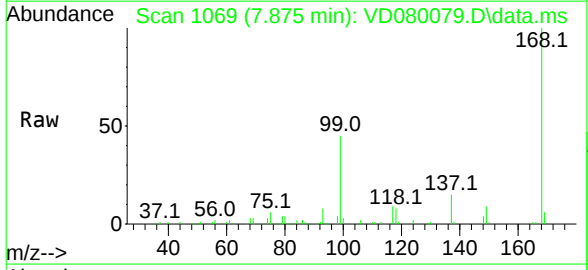
Quant Time: Nov 19 04:51:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111524S.M
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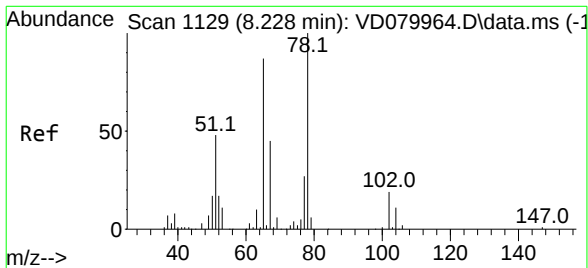
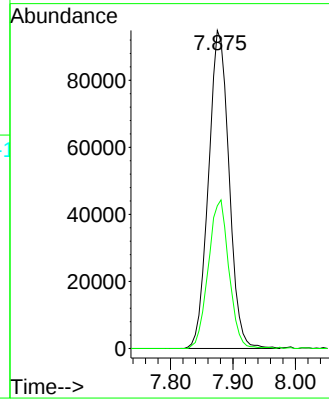
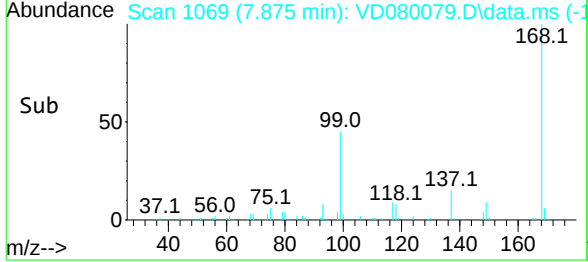


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Instrument :
MSVOA_D
ClientSampleId :
PH2-BOT-007

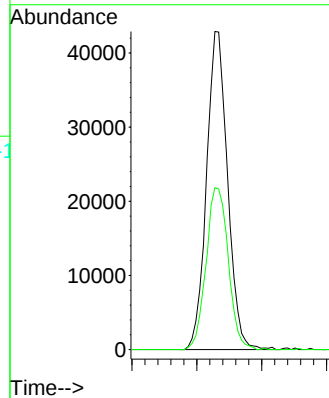
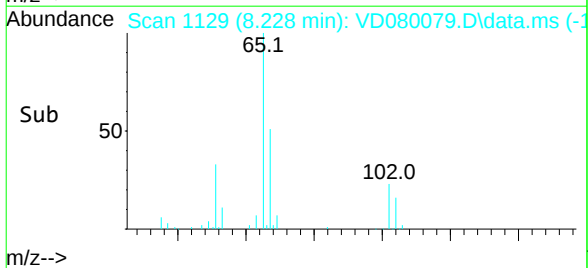
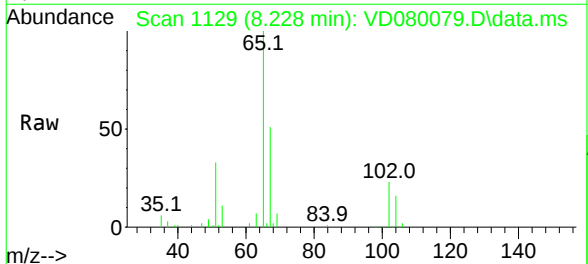


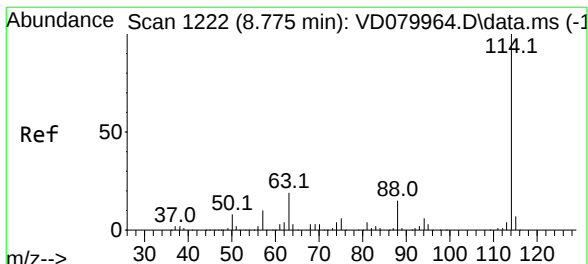
Tgt Ion:168 Resp: 216854
Ion Ratio Lower Upper
168 100
99 44.9 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 43.319 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Tgt Ion: 65 Resp: 96719
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.2

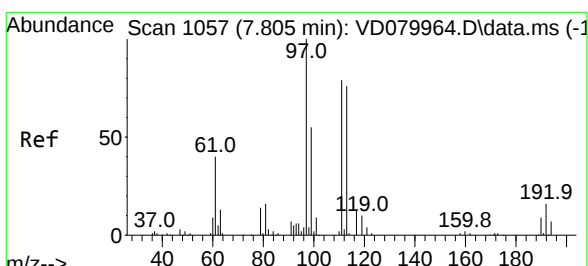
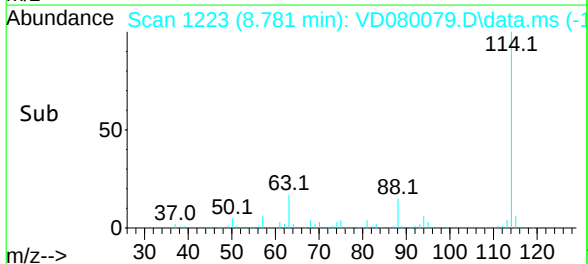
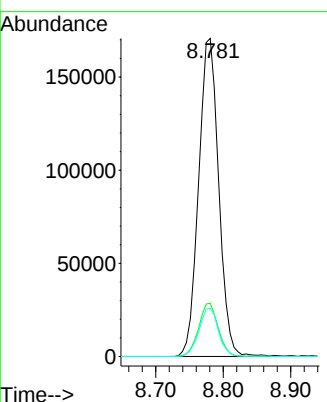
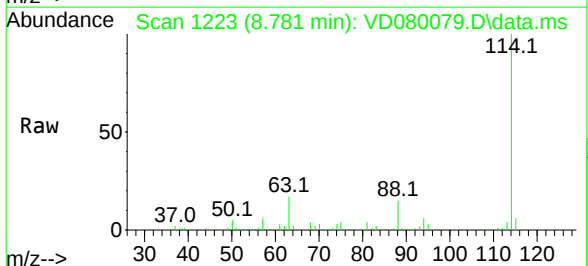




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VD080079.D
 Acq: 18 Nov 2024 19:49

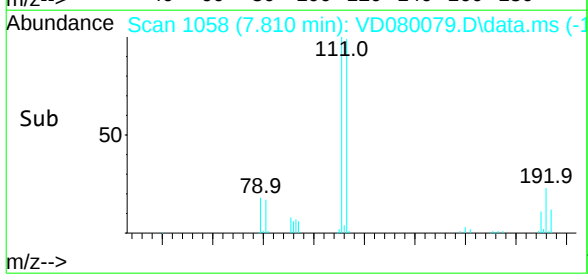
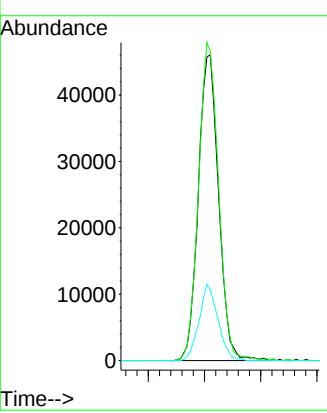
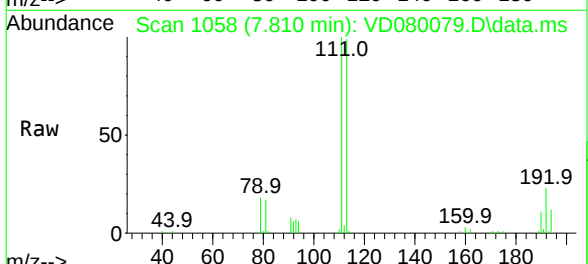
Instrument :
 MSVOA_D
 ClientSampleId :
 PH2-BOT-007

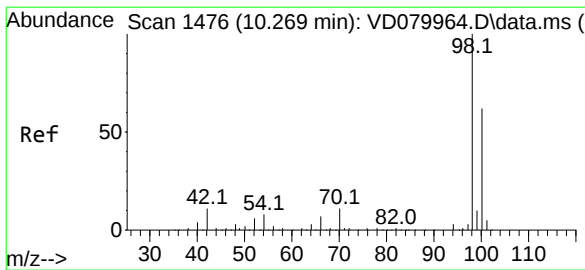
Tgt Ion:	114	Resp:	352745
Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	38.8
88	15.1	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 49.176 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD080079.D
 Acq: 18 Nov 2024 19:49

Tgt Ion:	113	Resp:	115447
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.5	123.7
192	23.3	16.6	25.0





#50

Toluene-d8

Concen: 45.161 ug/l

RT: 10.269 min Scan# 14

Delta R.T. -0.000 min

Lab File: VD080079.D

Acq: 18 Nov 2024 19:49

Instrument :

MSVOA_D

ClientSampleId :

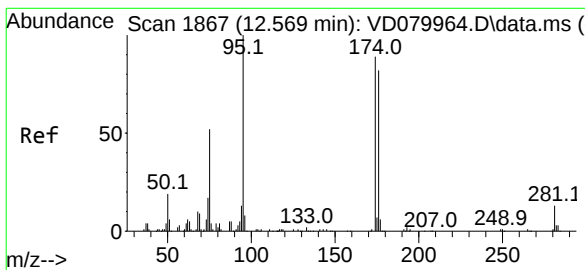
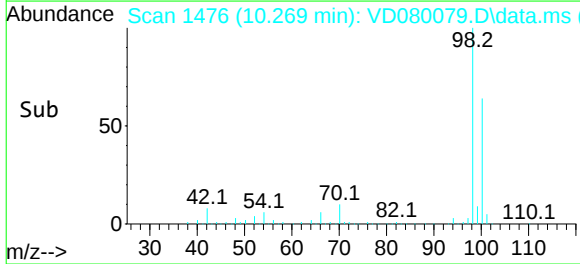
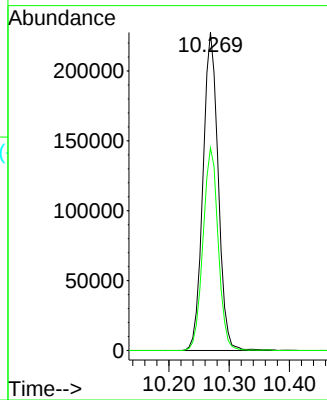
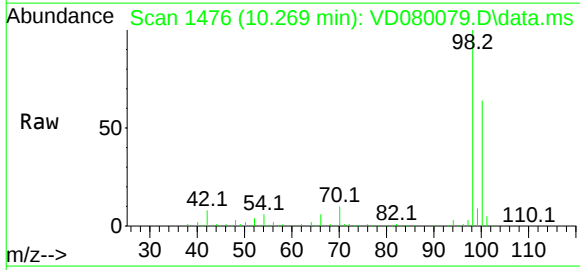
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Tgt Ion: 98 Resp: 399589

Ion Ratio Lower Upper

98 100

100 63.6 50.2 75.4



#62

4-Bromofluorobenzene

Concen: 42.057 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD080079.D

Acq: 18 Nov 2024 19:49

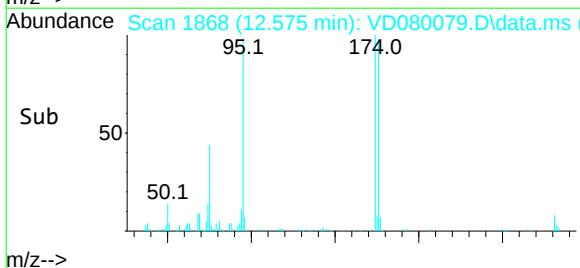
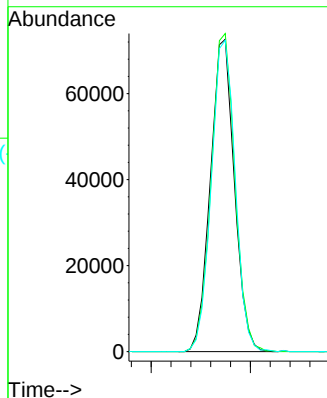
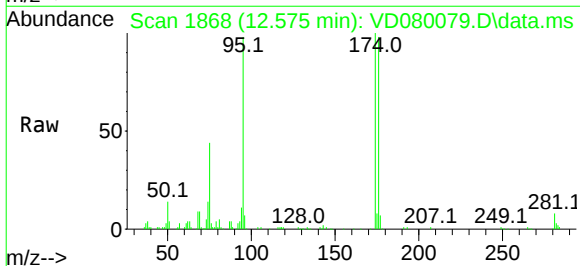
Tgt Ion: 95 Resp: 122092

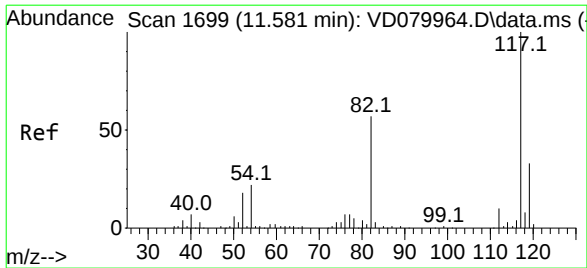
Ion Ratio Lower Upper

95 100

174 100.7 0.0 173.4

176 99.1 0.0 166.6

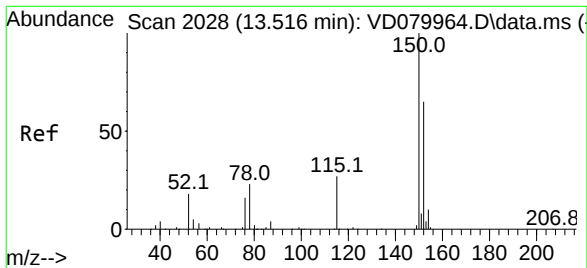
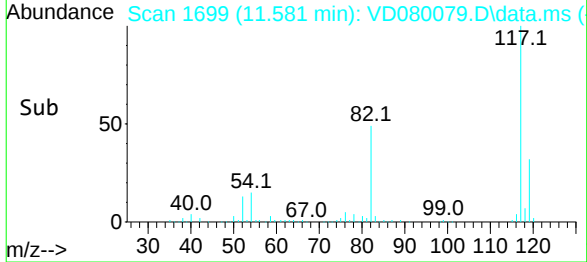
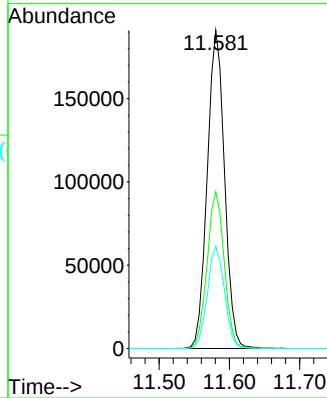
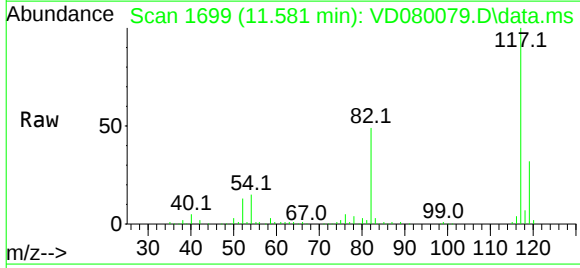




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Instrument :
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Tgt Ion:	117	Resp:	326096
Ion	Ratio	Lower	Upper
117	100		
82	49.3	45.8	68.6
119	32.1	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080079.D
Acq: 18 Nov 2024 19:49

Tgt Ion:	152	Resp:	151026
Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.9	86.8
150	156.4	0.0	354.8

