

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075235.D
 Acq On : 30 Jan 2023 13:56
 Operator : KP/SY
 Sample : 01361-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW10-GW-458-460

Quant Time: Jan 31 00:22:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	54974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	98066	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	86300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	27837	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	29295	52.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.440%
35) Dibromofluoromethane	7.810	113	31352	52.907	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.269	98	119897	51.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.780%
62) 4-Bromofluorobenzene	12.574	95	32008	43.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.460%

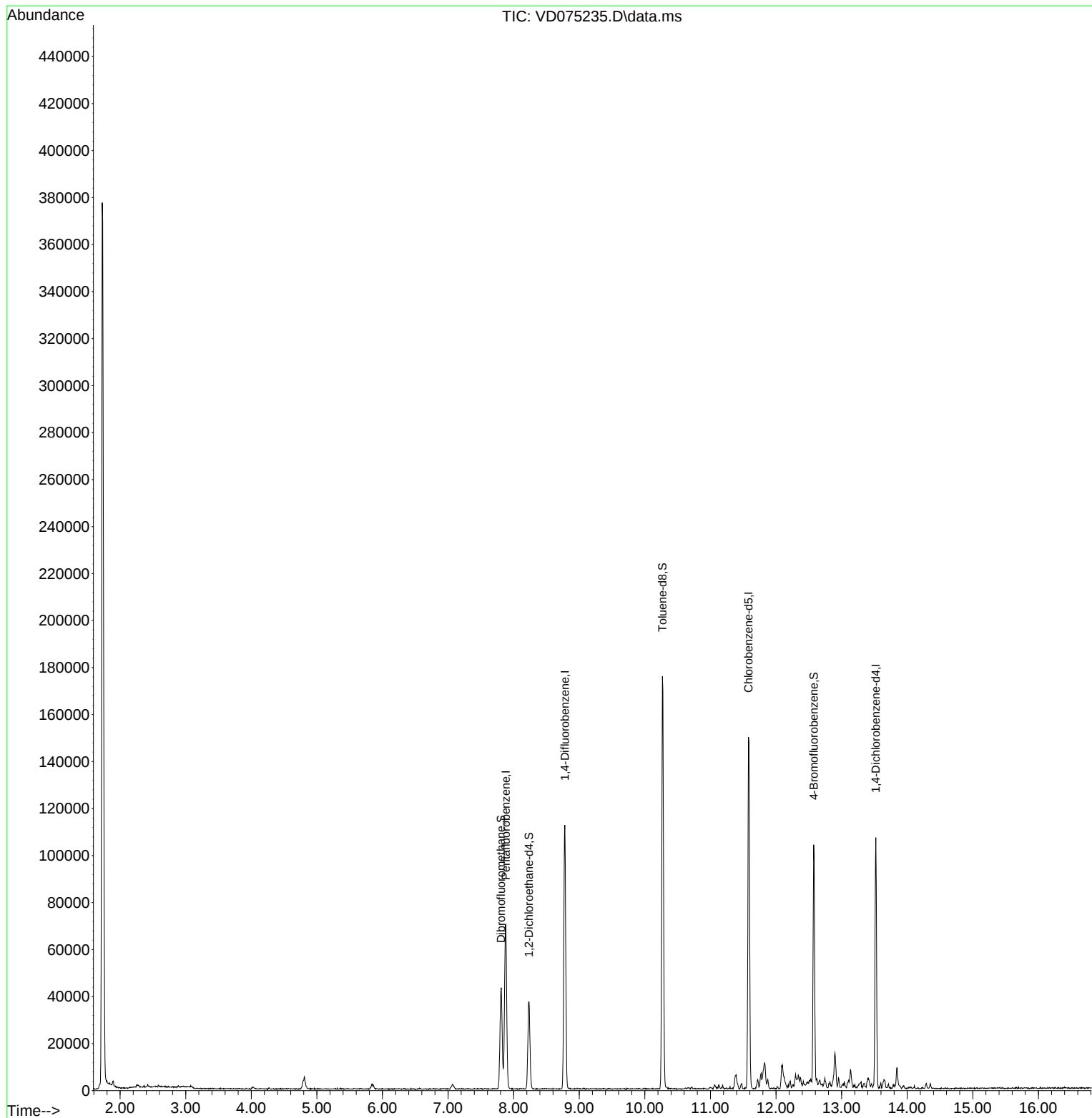
Target Compounds	Qvalue

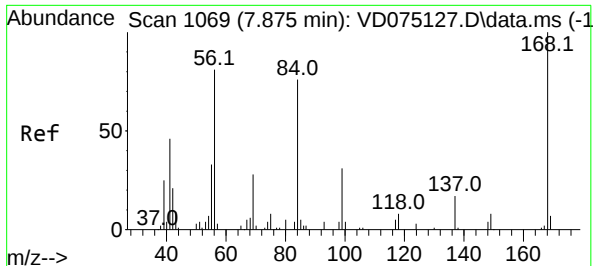
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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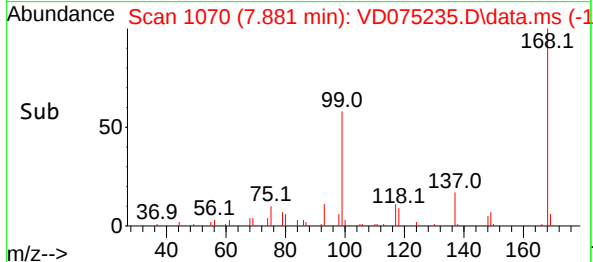
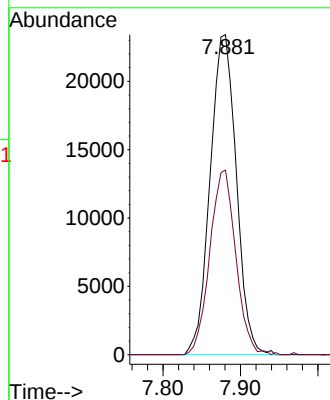
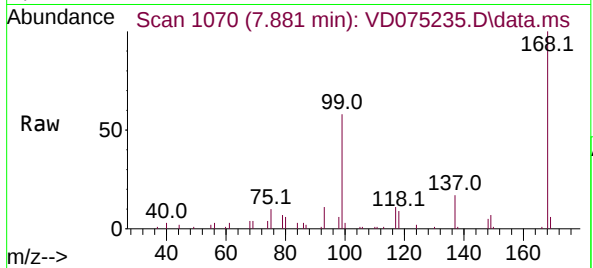




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

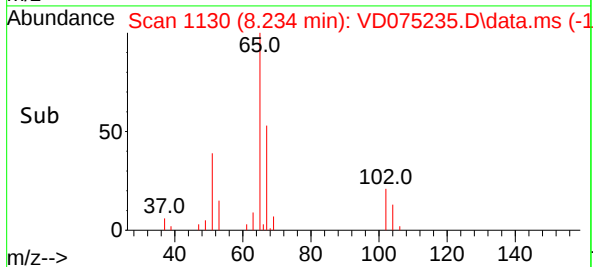
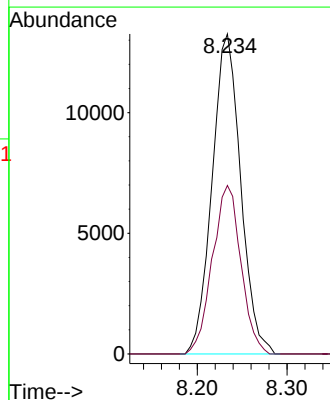
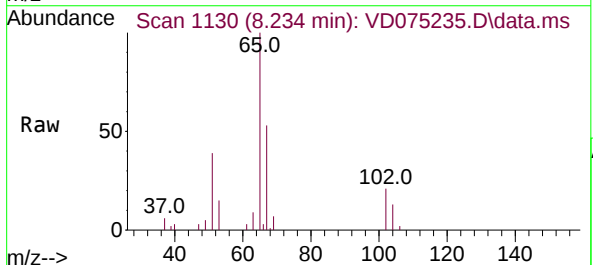
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460

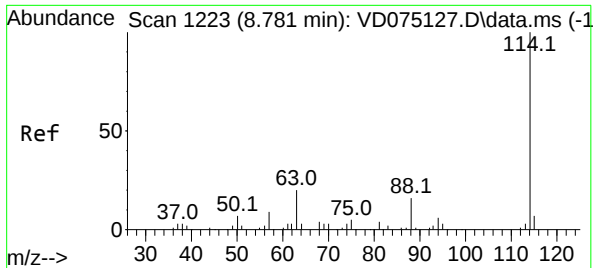
Tgt Ion:168 Resp: 54974
Ion Ratio Lower Upper
168 100
99 57.7 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 52.222 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion: 65 Resp: 29295
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075235.D

Acq: 30 Jan 2023 13:56

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW10-GW-458-460

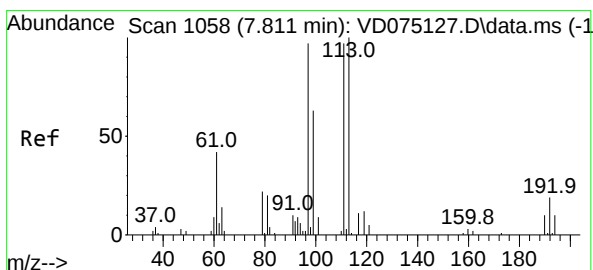
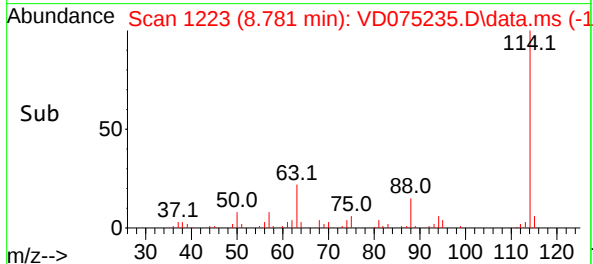
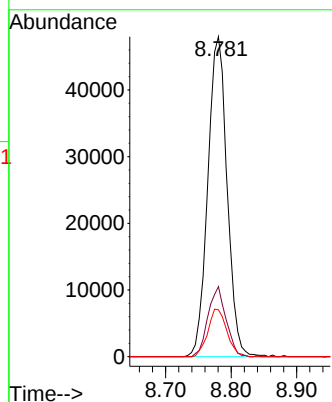
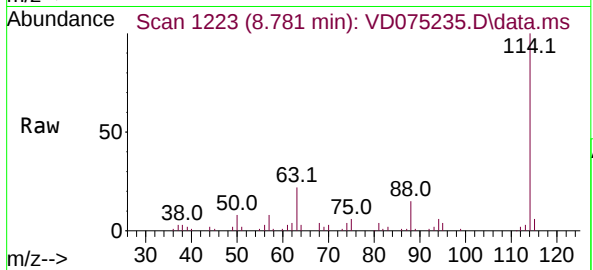
Tgt Ion:114 Resp: 98066

Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.2

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 52.907 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.001 min

Lab File: VD075235.D

Acq: 30 Jan 2023 13:56

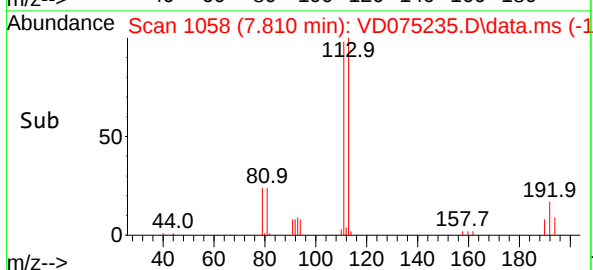
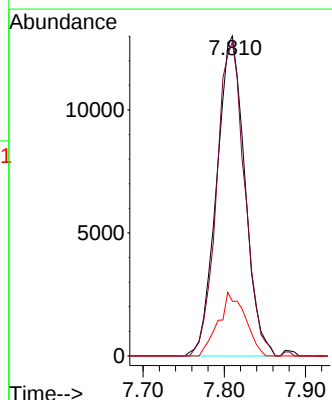
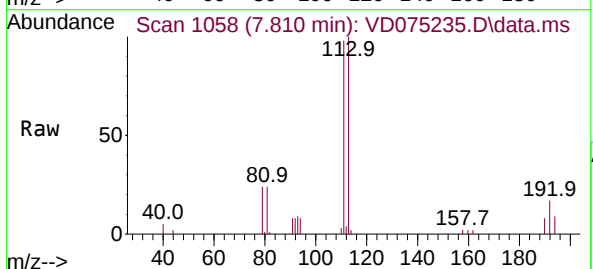
Tgt Ion:113 Resp: 31352

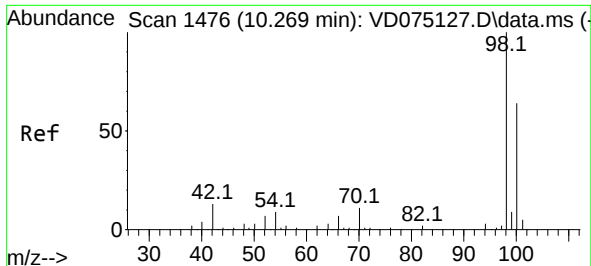
Ion Ratio Lower Upper

113 100

111 97.6 80.1 120.1

192 18.9 15.4 23.0

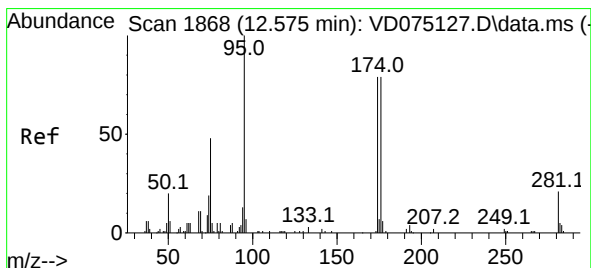
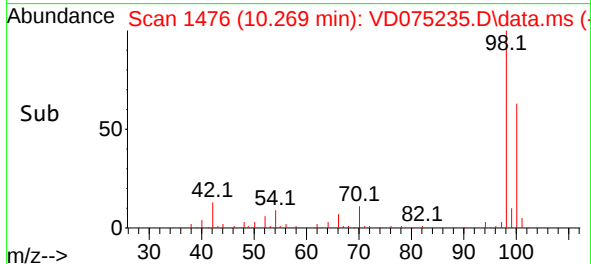
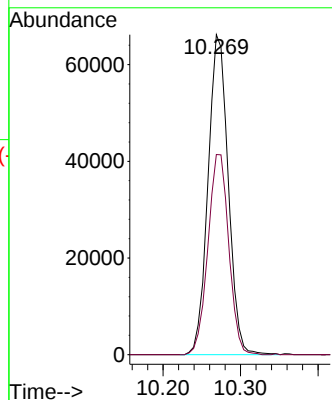
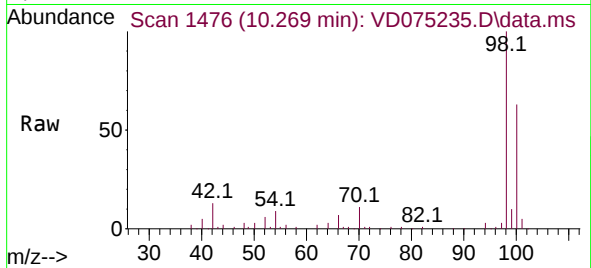




#50
Toluene-d8
Concen: 51.387 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

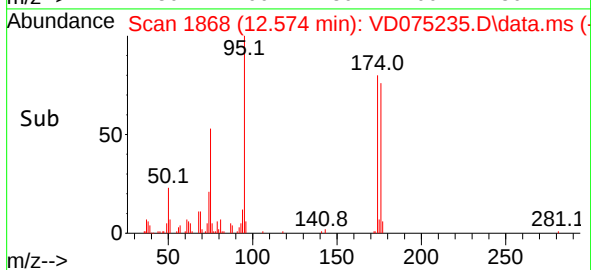
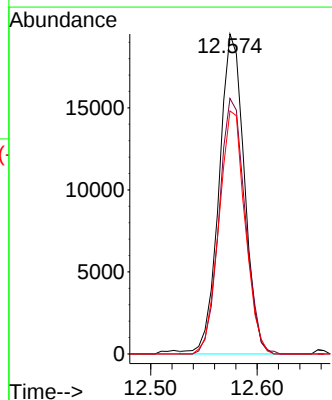
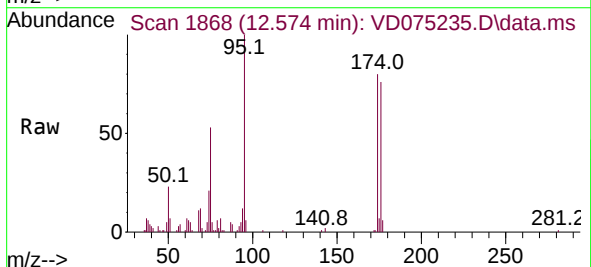
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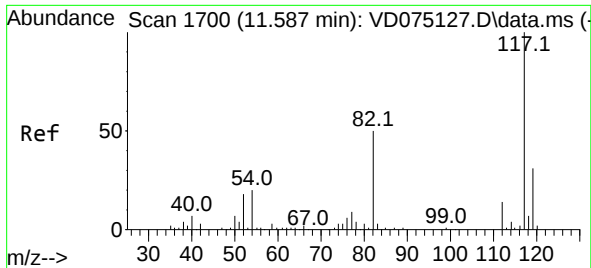
Tgt Ion: 98 Resp: 119897
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 43.225 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion: 95 Resp: 32008
Ion Ratio Lower Upper
95 100
174 82.0 0.0 161.2
176 78.3 0.0 160.2

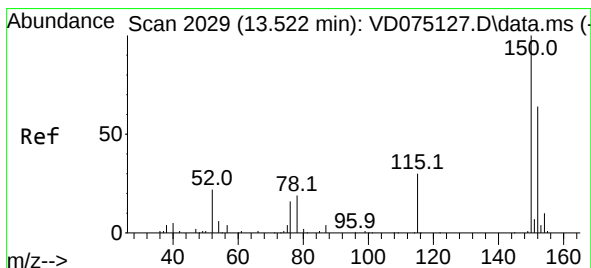
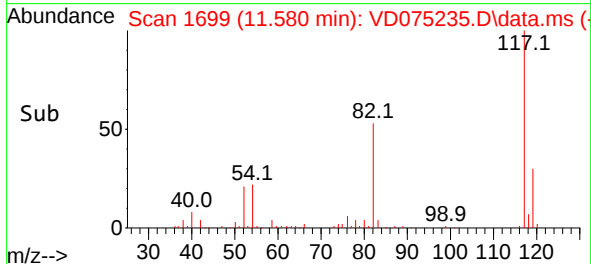
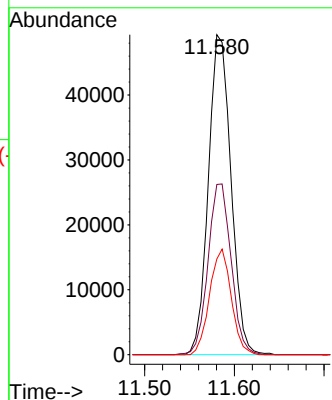
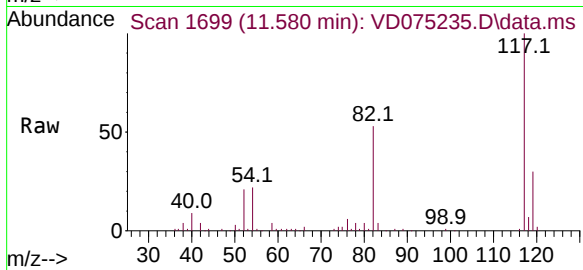




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW10-GW-458-460

Tgt Ion:117 Resp: 86300
Ion Ratio Lower Upper
117 100
82 53.2 39.6 59.4
119 29.9 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.001 min
Lab File: VD075235.D
Acq: 30 Jan 2023 13:56

Tgt Ion:152 Resp: 27837
Ion Ratio Lower Upper
152 100
115 57.1 28.8 86.4
150 151.2 0.0 348.6

