

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012323\
 Data File : VD075177.D
 Acq On : 23 Jan 2023 15:55
 Operator : KP/SY
 Sample : 01240-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-011923

Quant Time: Jan 23 16:38:47 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	75769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	150671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	140354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	60190	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44103	57.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.810	113	45296	49.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.500%
50) Toluene-d8	10.275	98	189866	52.964	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.920%
62) 4-Bromofluorobenzene	12.575	95	60109	52.833	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.660%

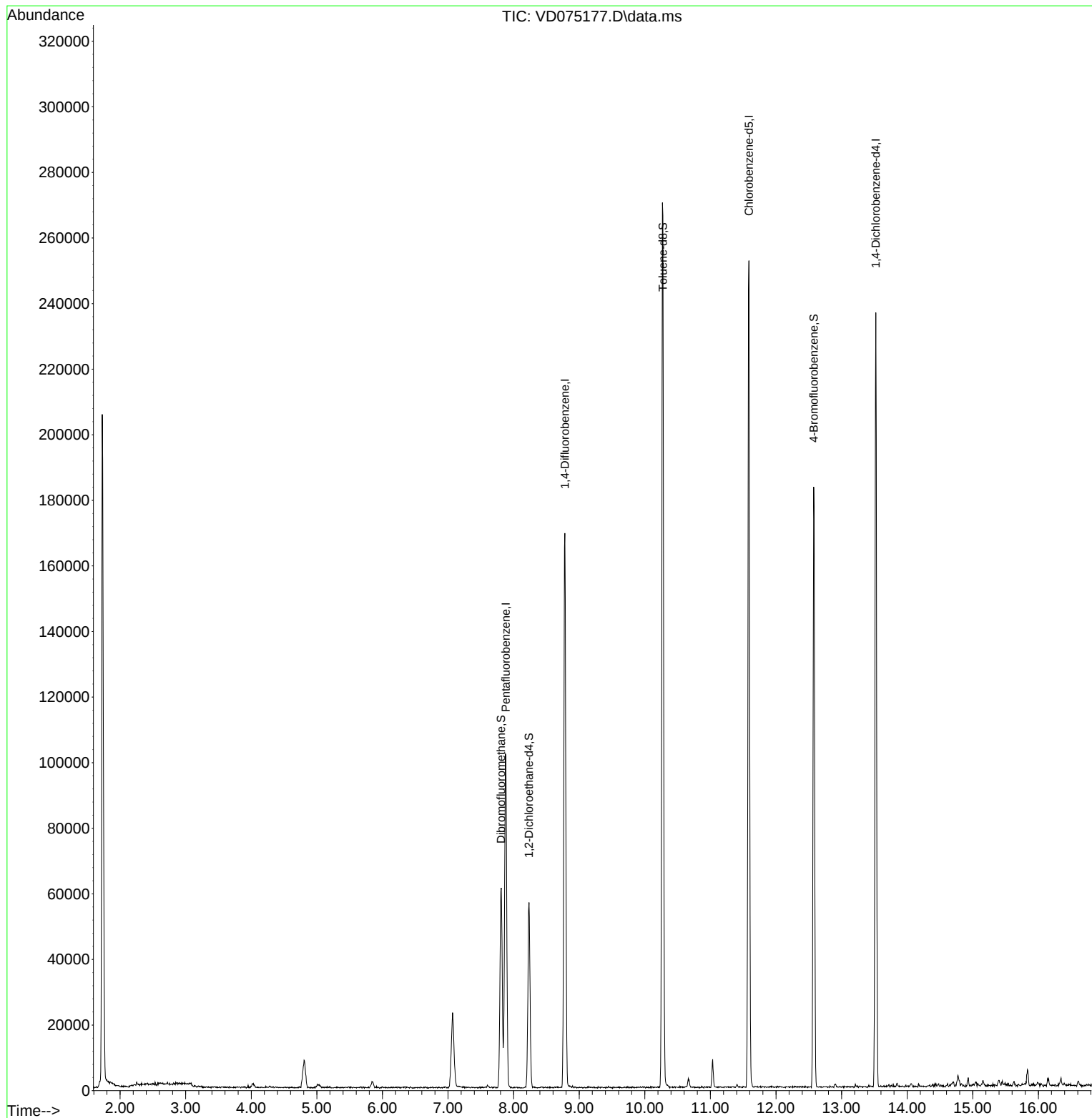
Target Compounds	Qvalue

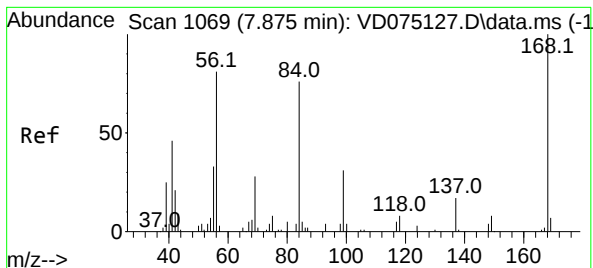
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD075177.D

Acq: 23 Jan 2023 15:55

Instrument :

MSVOA_D

ClientSampleId :

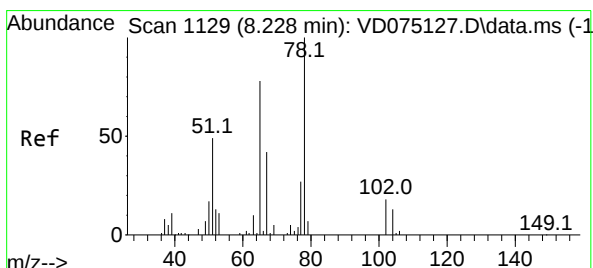
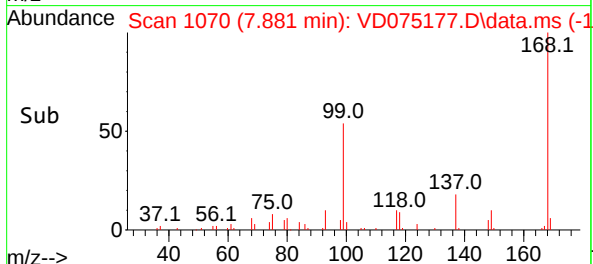
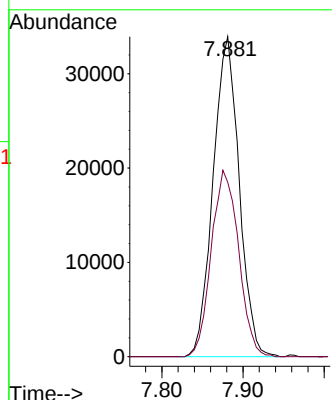
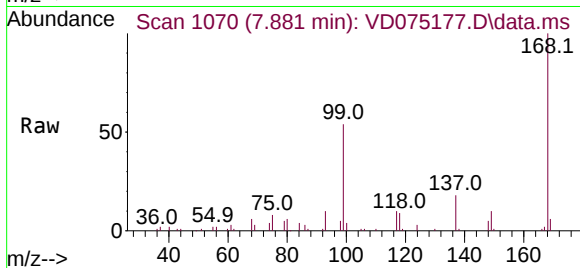
TR-05-011923

Tgt Ion:168 Resp: 75769

Ion Ratio Lower Upper

168 100

99 54.5 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 57.042 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD075177.D

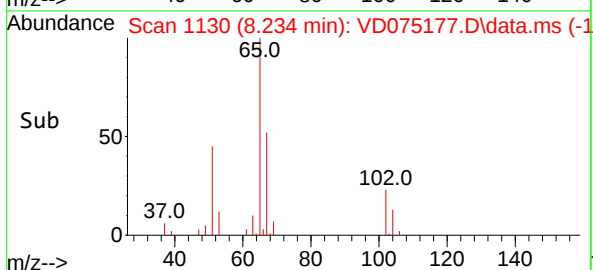
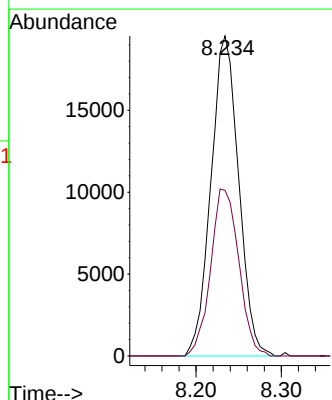
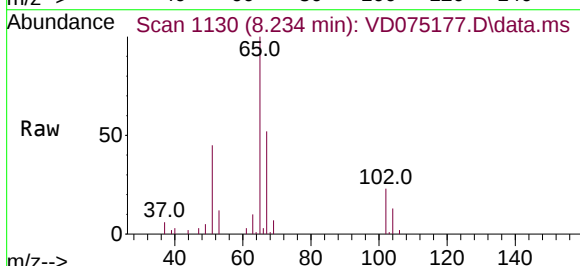
Acq: 23 Jan 2023 15:55

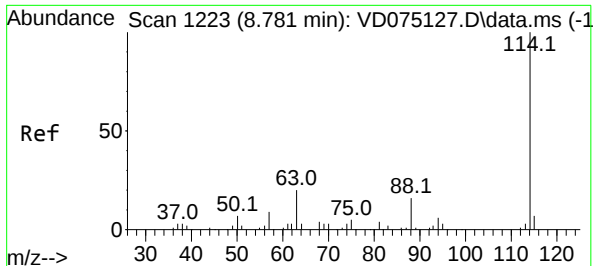
Tgt Ion: 65 Resp: 44103

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075177.D

Acq: 23 Jan 2023 15:55

Instrument :

MSVOA_D

ClientSampleId :

TR-05-011923

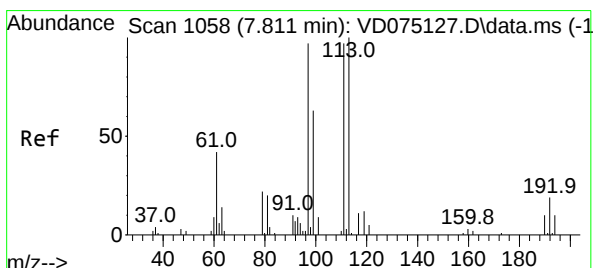
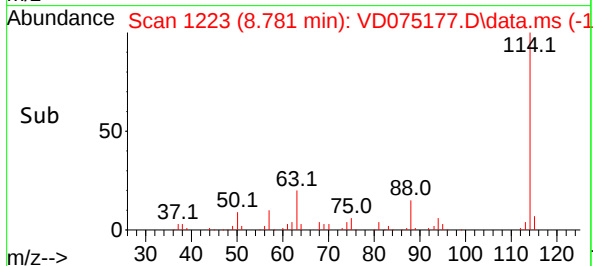
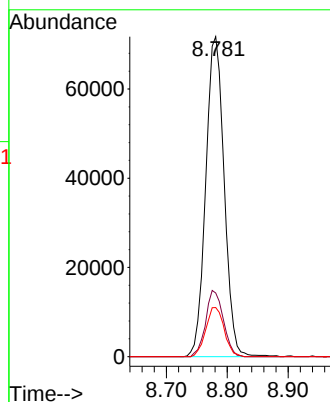
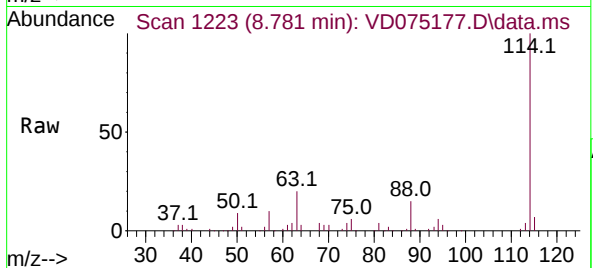
Tgt Ion:114 Resp: 150671

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.751 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075177.D

Acq: 23 Jan 2023 15:55

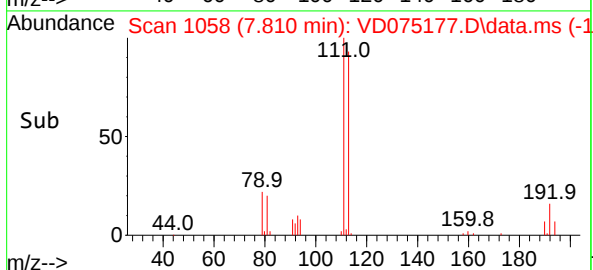
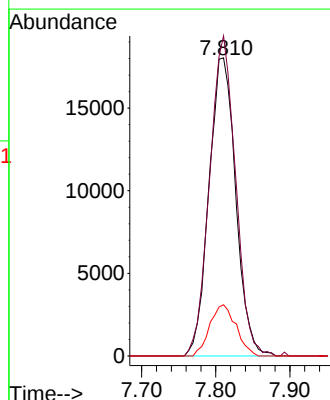
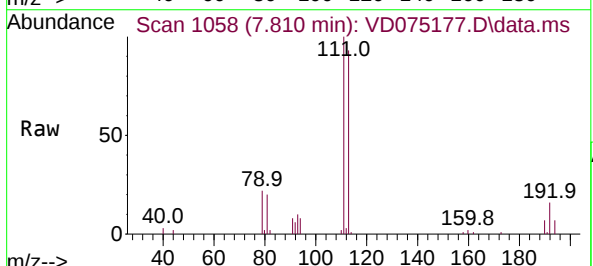
Tgt Ion:113 Resp: 45296

Ion Ratio Lower Upper

113 100

111 104.2 80.1 120.1

192 16.9 15.4 23.0

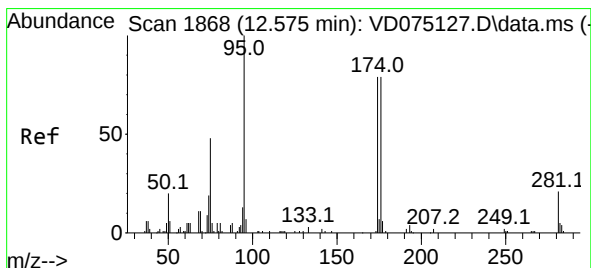
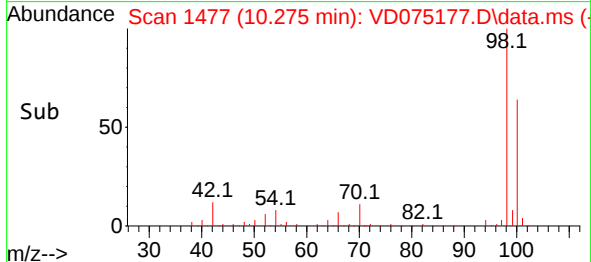
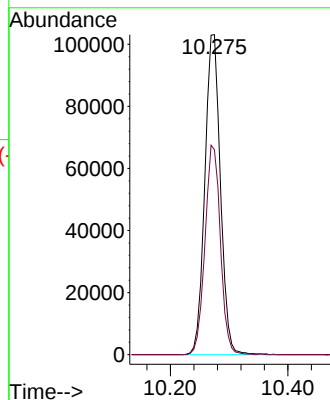
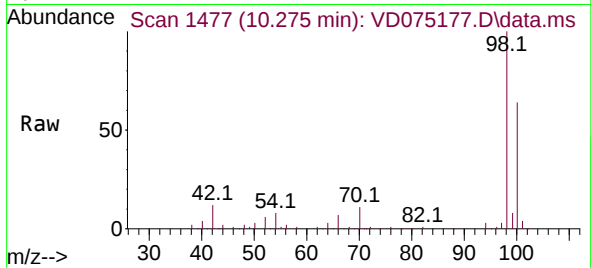




#50
Toluene-d8
Concen: 52.964 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

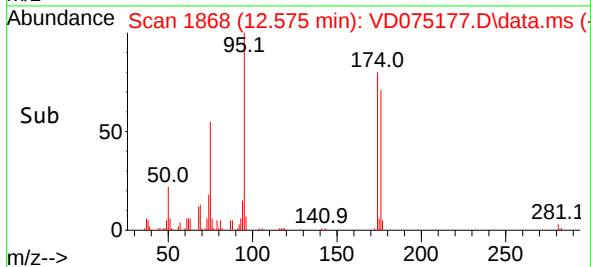
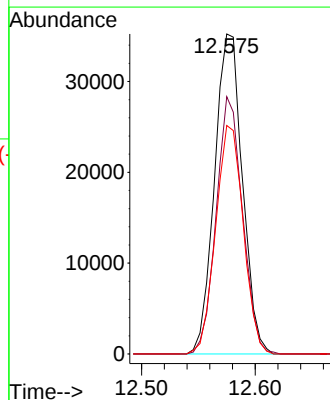
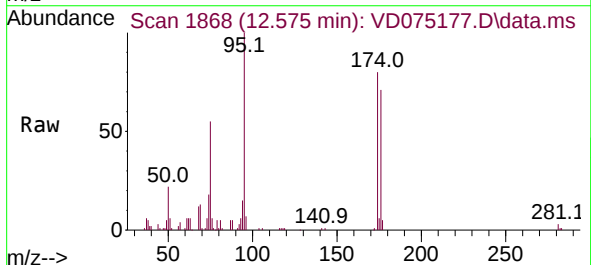
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TR-05-011923

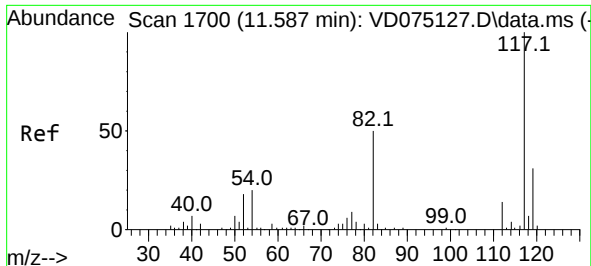
Tgt Ion: 98 Resp: 189866
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.833 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion: 95 Resp: 60109
Ion Ratio Lower Upper
95 100
174 75.8 0.0 161.2
176 70.7 0.0 160.2

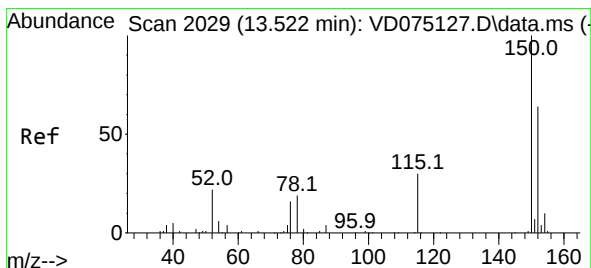
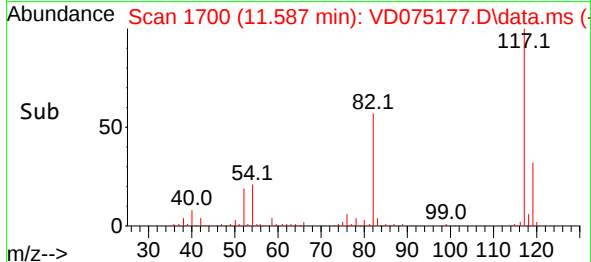
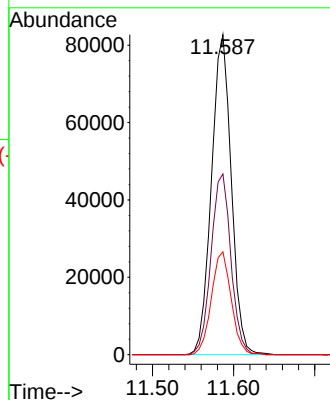
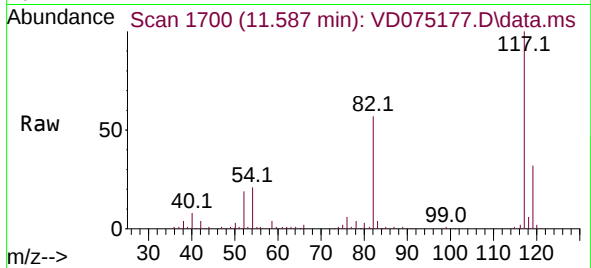




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Instrument :
MSVOA_D
ClientSampleId :
TR-05-011923

Tgt Ion:117 Resp: 140354
Ion Ratio Lower Upper
117 100
82 56.5 39.6 59.4
119 32.2 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075177.D
Acq: 23 Jan 2023 15:55

Tgt Ion:152 Resp: 60190
Ion Ratio Lower Upper
152 100
115 59.6 28.8 86.4
150 157.1 0.0 348.6

