

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075156.D
 Acq On : 20 Jan 2023 16:31
 Operator : KP/SY
 Sample : 01233-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P34B

Quant Time: Jan 23 00:32:25 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	7.875	168	84972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	180305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	168970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	72096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	50474	58.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.420%
35) Dibromofluoromethane	7.810	113	54900	50.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.780%
50) Toluene-d8	10.275	98	225923	52.664	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.320%
62) 4-Bromofluorobenzene	12.575	95	70837	52.029	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.060%

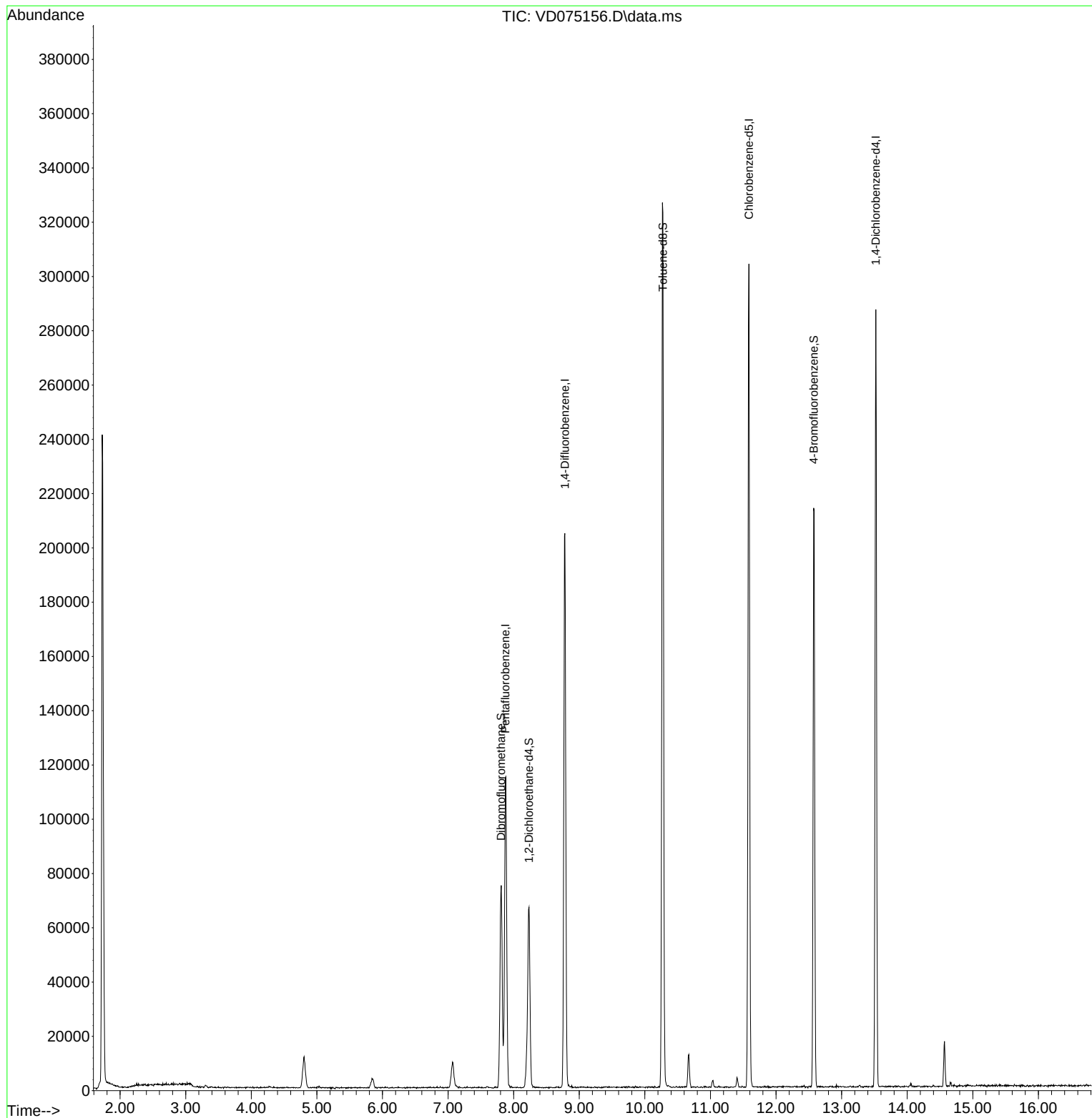
Target Compounds	Qvalue

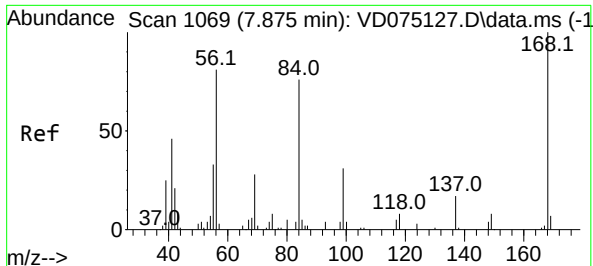
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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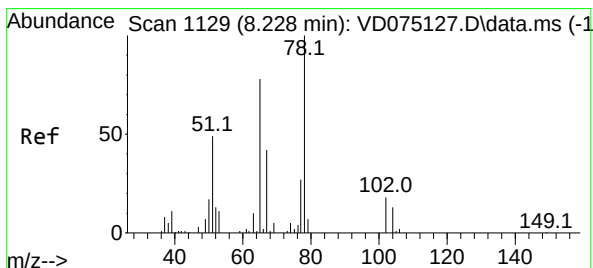
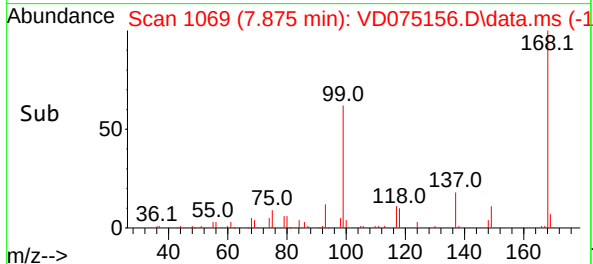
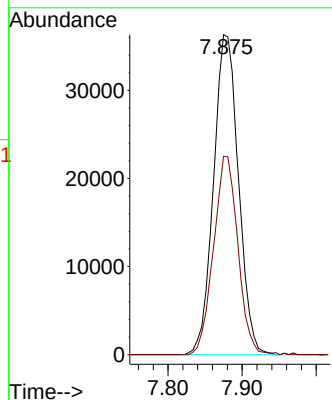
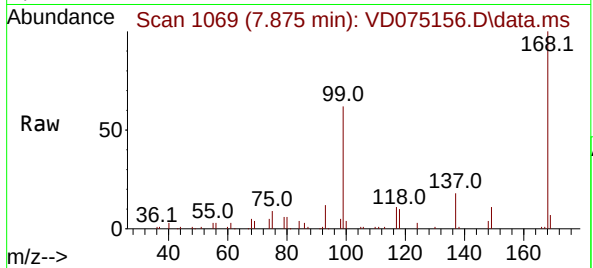




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075156.D
Acq: 20 Jan 2023 16:31

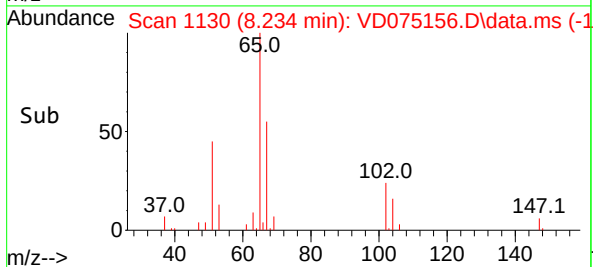
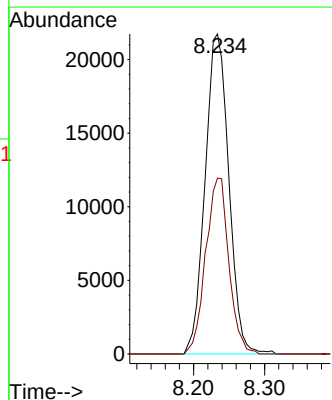
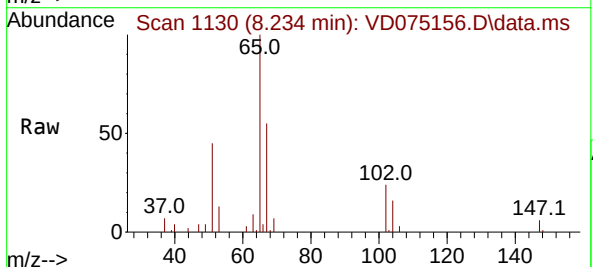
Instrument :
MSVOA_D
ClientSampleId :
B-P34B

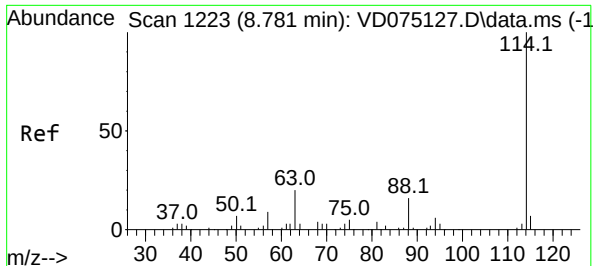
Tgt Ion:168 Resp: 84972
Ion Ratio Lower Upper
168 100
99 62.0 45.2 67.8



#33
1,2-Dichloroethane-d4
Concen: 58.212 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD075156.D
Acq: 20 Jan 2023 16:31

Tgt Ion: 65 Resp: 50474
Ion Ratio Lower Upper
65 100
67 53.7 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: VD075156.D

Acq: 20 Jan 2023 16:31

Instrument :

MSVOA_D

ClientSampleId :

B-P34B

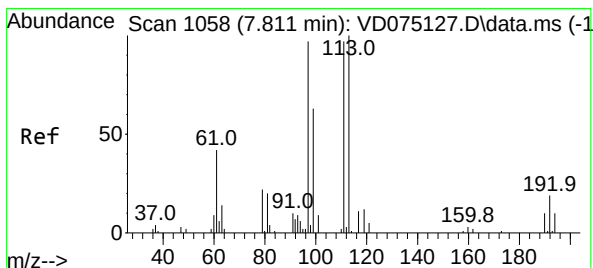
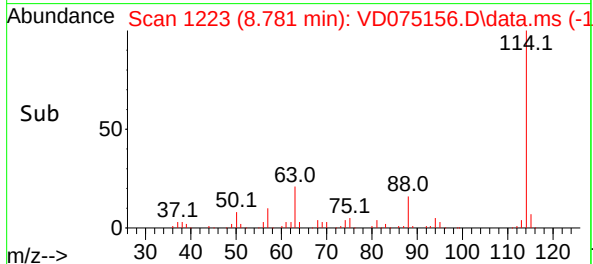
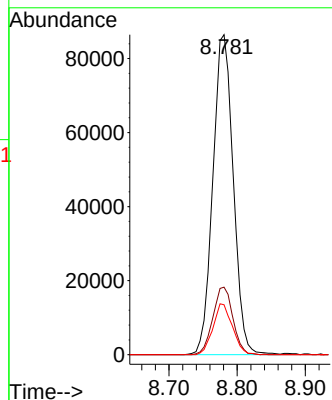
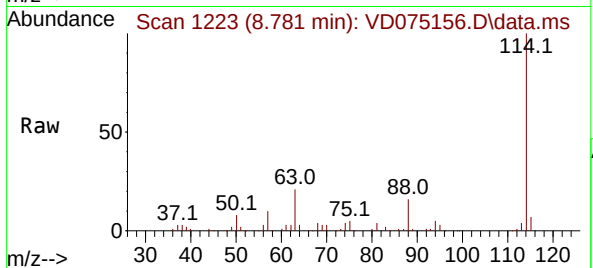
Tgt Ion:114 Resp: 180305

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 15.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 50.389 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD075156.D

Acq: 20 Jan 2023 16:31

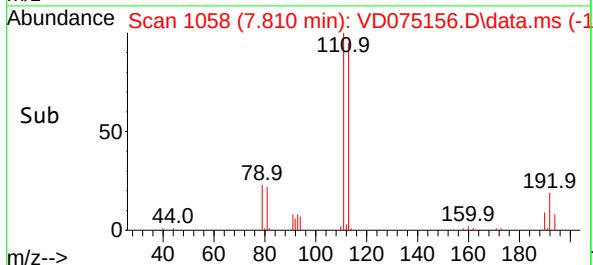
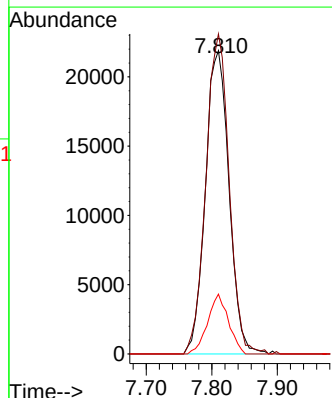
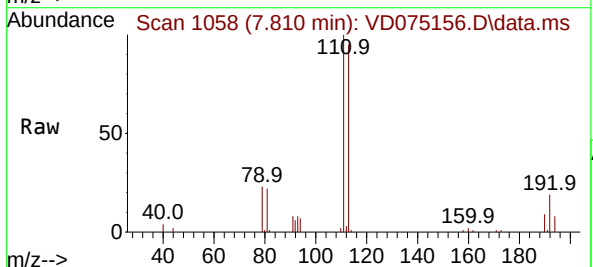
Tgt Ion:113 Resp: 54900

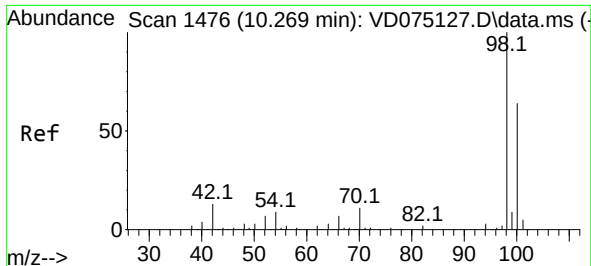
Ion Ratio Lower Upper

113 100

111 103.7 80.1 120.1

192 17.3 15.4 23.0

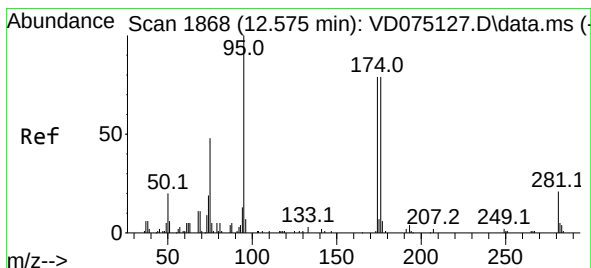
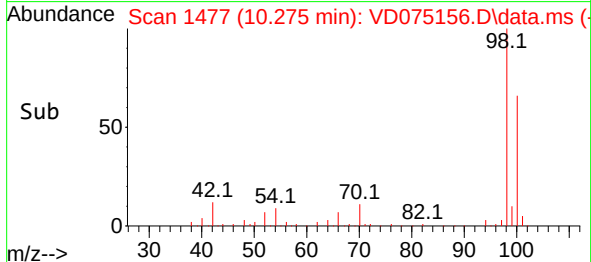
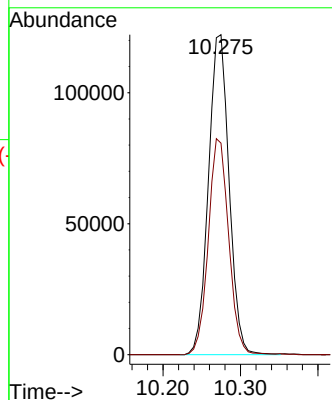
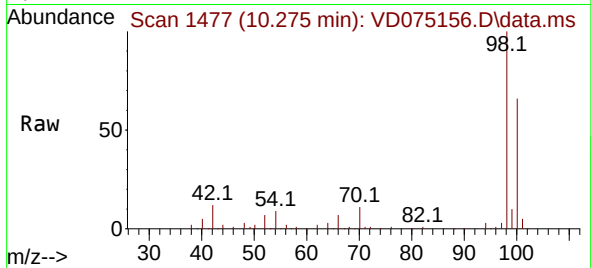




#50
Toluene-d8
Concen: 52.664 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD075156.D
Acq: 20 Jan 2023 16:31

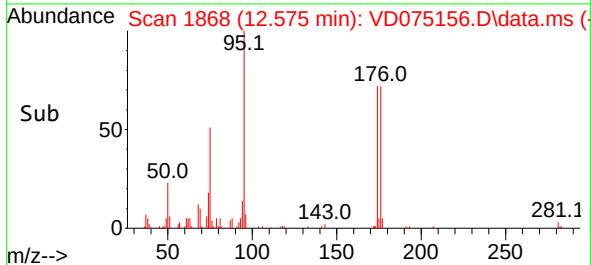
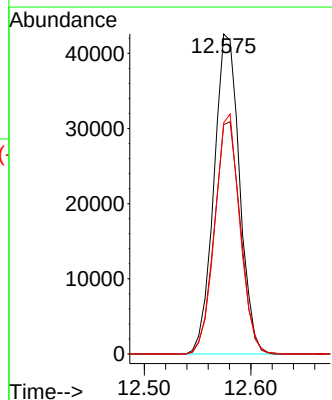
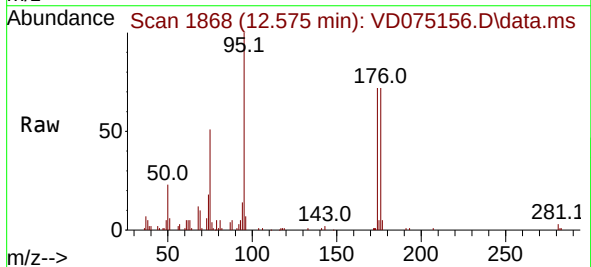
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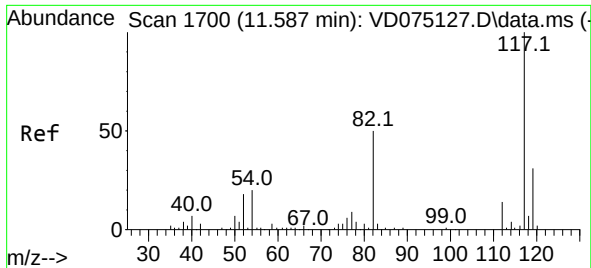
Tgt Ion: 98 Resp: 225923
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 52.029 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075156.D
Acq: 20 Jan 2023 16:31

Tgt Ion: 95 Resp: 70837
Ion Ratio Lower Upper
95 100
174 73.8 0.0 161.2
176 73.5 0.0 160.2

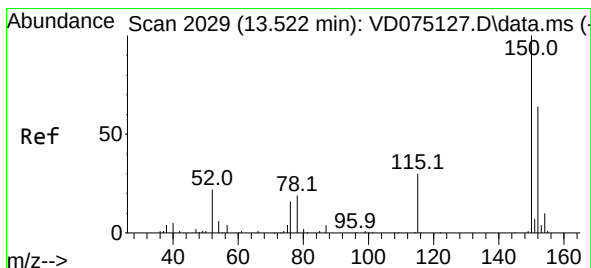
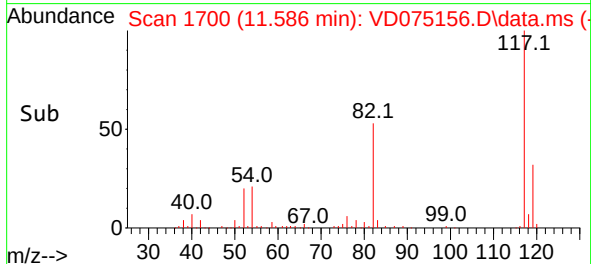
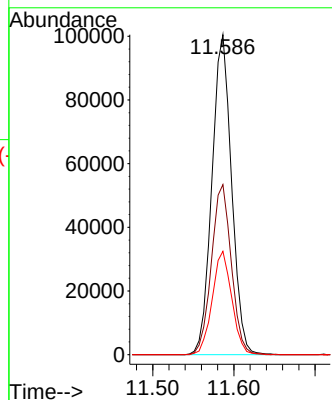
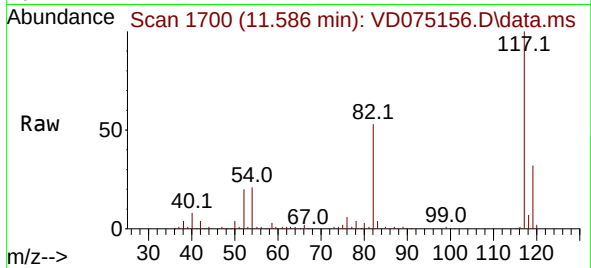




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075156.D
Acq: 20 Jan 2023 16:31

Instrument :
MSVOA_D
ClientSampleId :
B-P34B

Tgt Ion:117 Resp: 168970
Ion Ratio Lower Upper
117 100
82 53.2 39.6 59.4
119 32.3 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: VD075156.D
Acq: 20 Jan 2023 16:31

Tgt Ion:152 Resp: 72096
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.4
150 157.8 0.0 348.6

