

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
 Data File : VD074567.D
 Acq On : 18 Oct 2022 16:07
 Operator : VA/SY
 Sample : N5140-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-3.5-4.0

Quant Time: Oct 19 02:46:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	15085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	30503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	28691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10748	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16344	125.873	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	251.740%#
35) Dibromofluoromethane	7.805	113	14182	78.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	157.540%#
50) Toluene-d8	10.269	98	35931	51.406	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.569	95	11018	51.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.080%

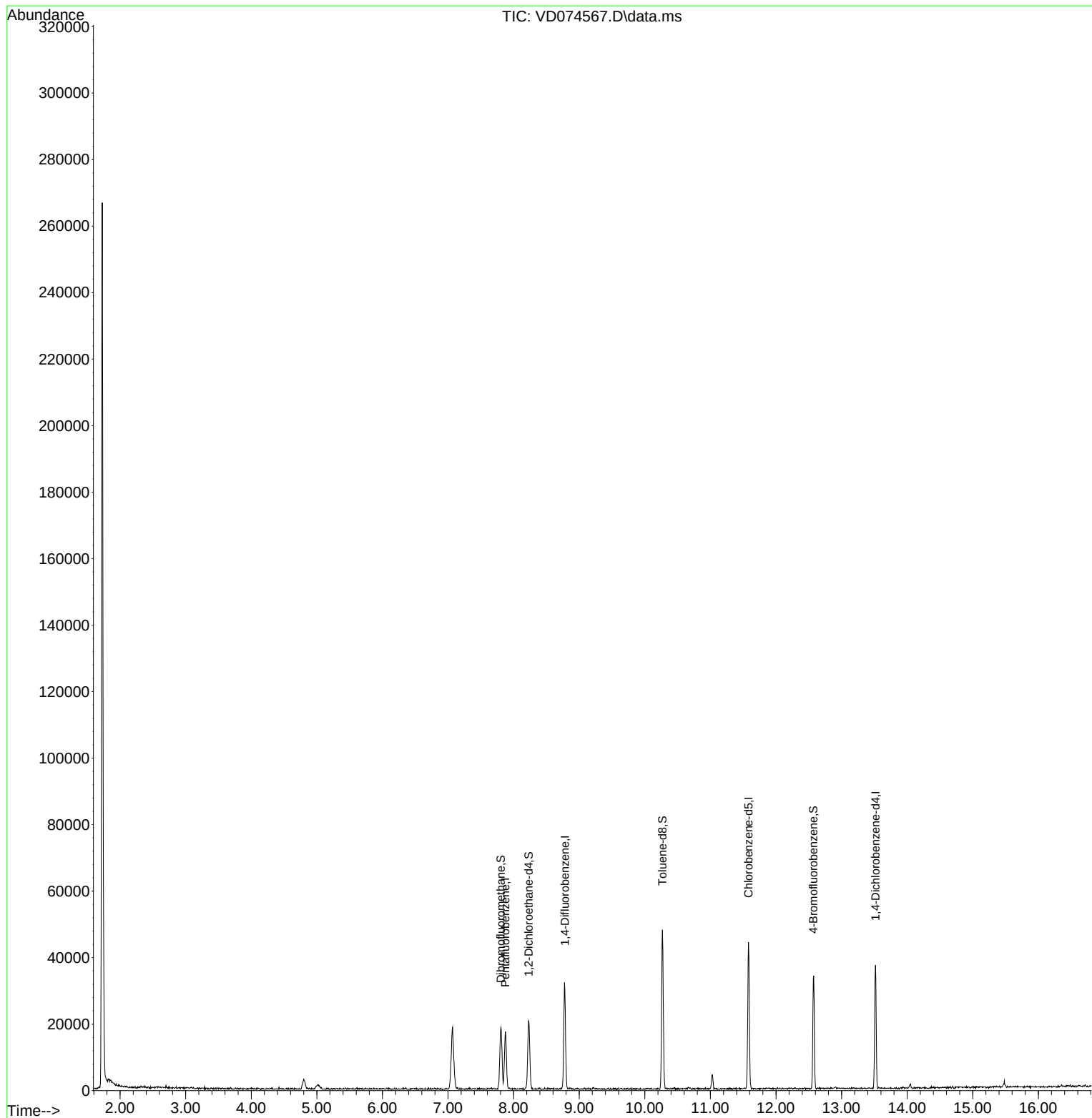
Target Compounds	Qvalue

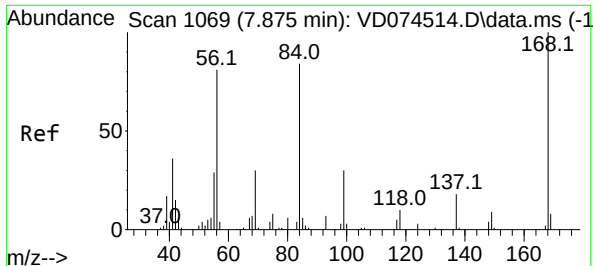
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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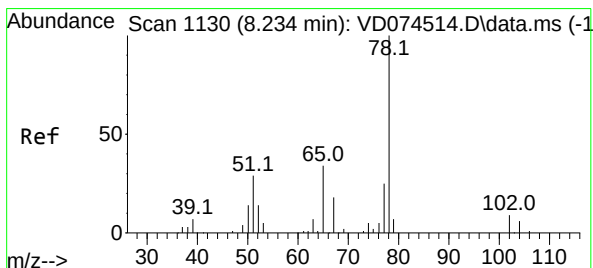
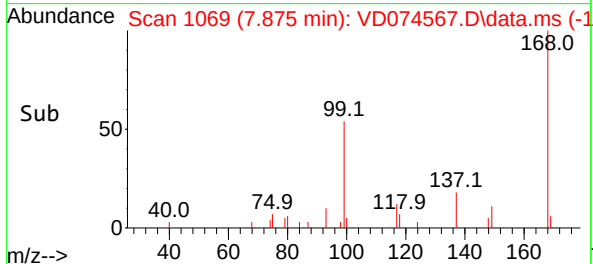
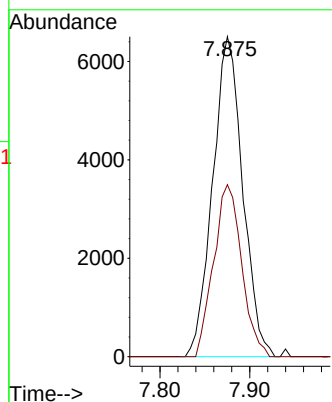
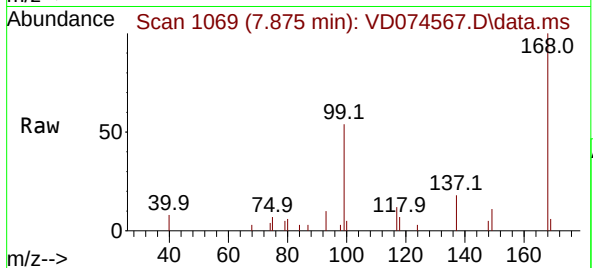




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074567.D
Acq: 18 Oct 2022 16:07

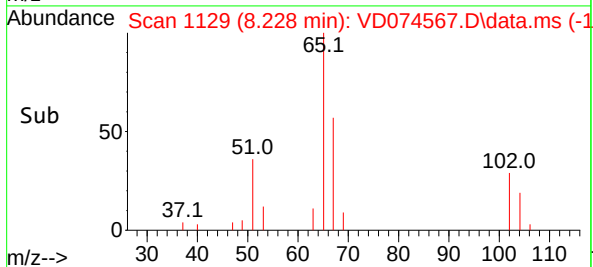
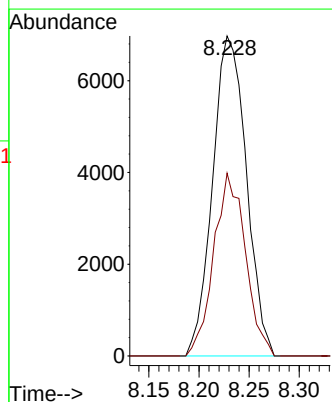
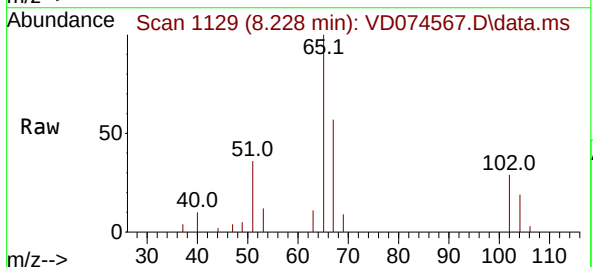
Instrument :
MSVOA_D
ClientSampleId :
SB-05-3.5-4.0

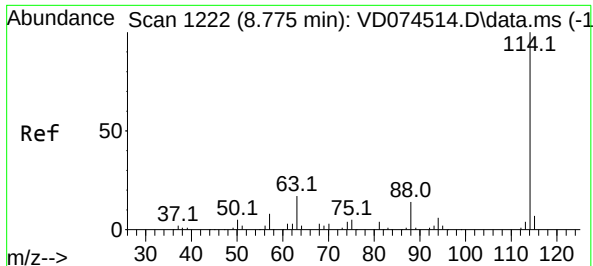
Tgt Ion:168 Resp: 15085
Ion Ratio Lower Upper
168 100
99 53.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 125.873 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074567.D
Acq: 18 Oct 2022 16:07

Tgt Ion: 65 Resp: 16344
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074567.D

Acq: 18 Oct 2022 16:07

Instrument :

MSVOA_D

ClientSampleId :

SB-05-3.5-4.0

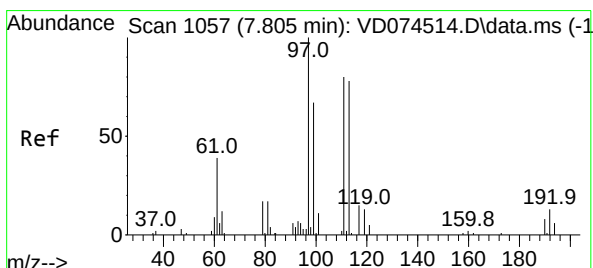
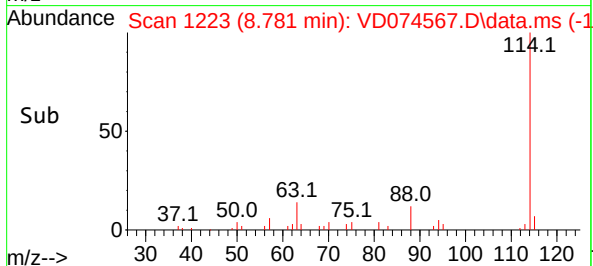
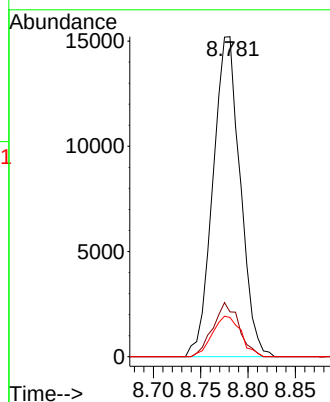
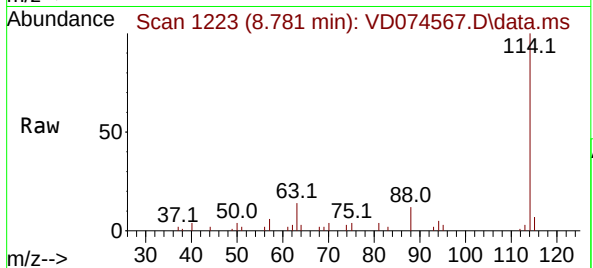
Tgt Ion:114 Resp: 30503

Ion Ratio Lower Upper

114 100

63 14.0 0.0 33.2

88 12.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 78.770 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074567.D

Acq: 18 Oct 2022 16:07

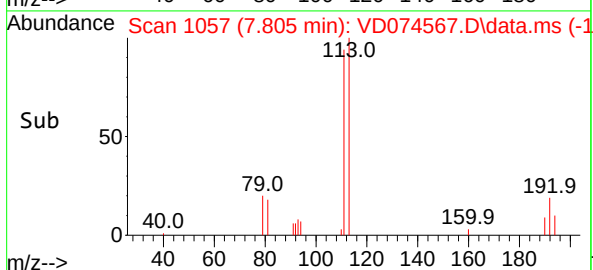
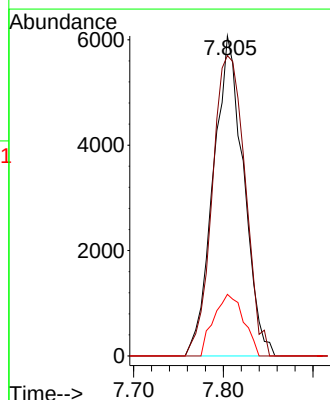
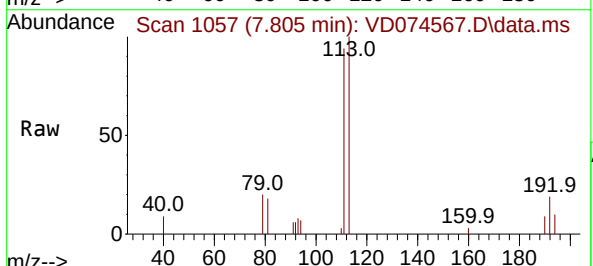
Tgt Ion:113 Resp: 14182

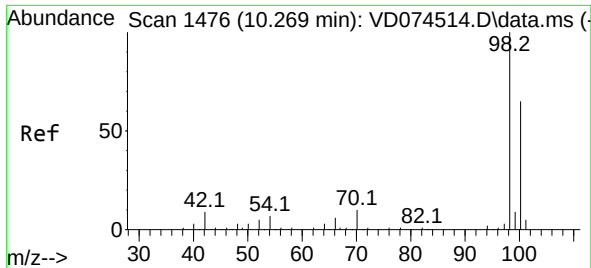
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 19.0 16.4 24.6

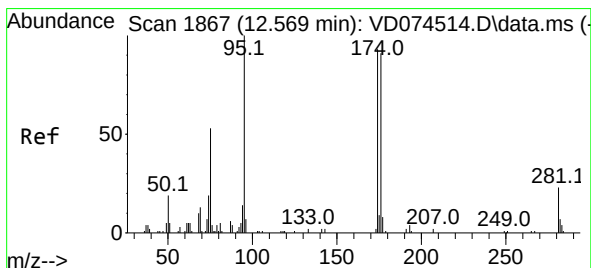
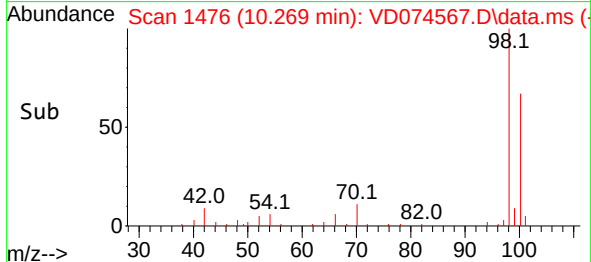
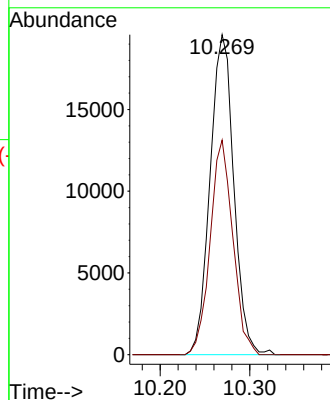
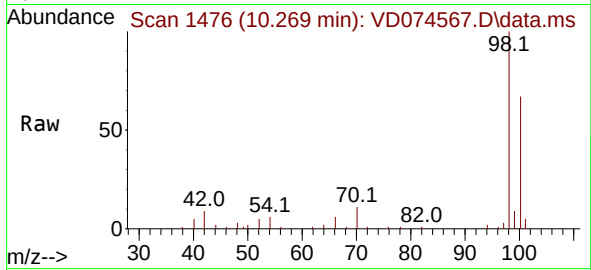




#50
Toluene-d8
Concen: 51.406 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074567.D
Acq: 18 Oct 2022 16:07

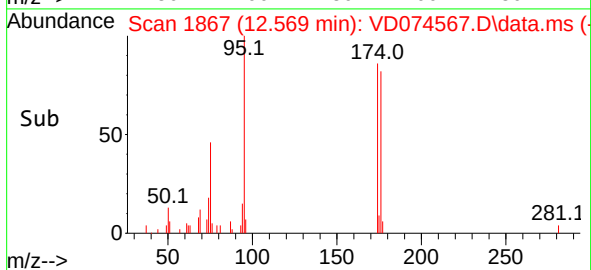
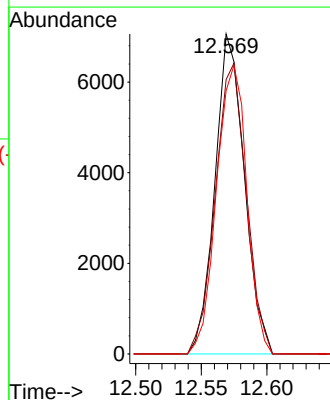
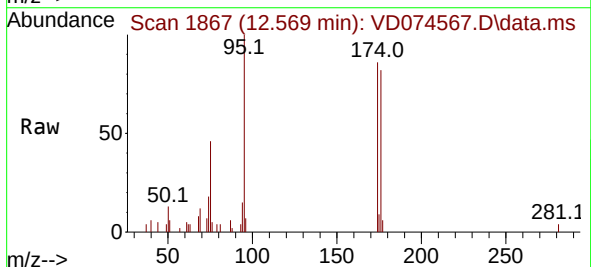
Instrument :
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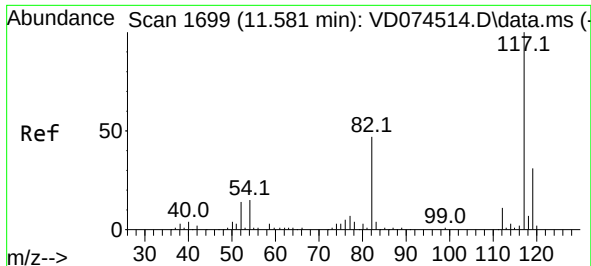
Tgt Ion: 98 Resp: 35931
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.539 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074567.D
Acq: 18 Oct 2022 16:07

Tgt Ion: 95 Resp: 11018
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.0
176 92.6 0.0 182.6

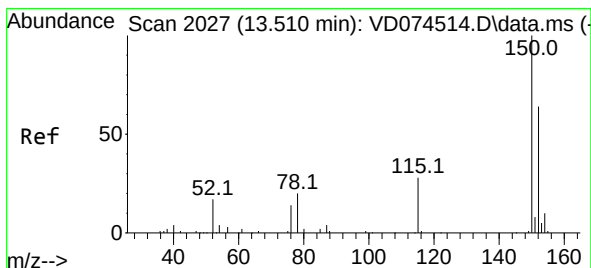
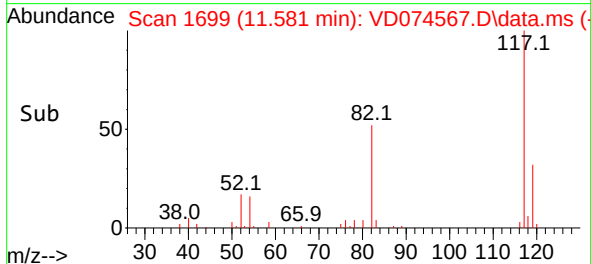
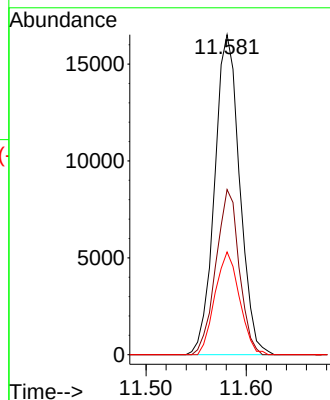
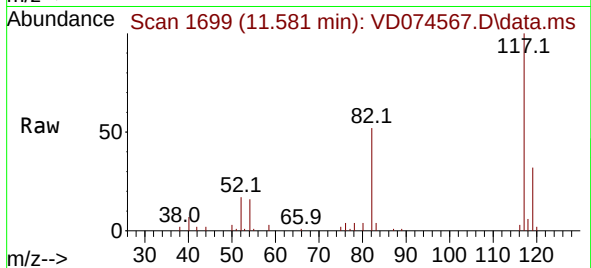




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074567.D
Acq: 18 Oct 2022 16:07

Instrument :
MSVOA_D
ClientSampleId :
SB-05-3.5-4.0

Tgt Ion:117 Resp: 28691
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074567.D
Acq: 18 Oct 2022 16:07

Tgt Ion:152 Resp: 10748
Ion Ratio Lower Upper
152 100
115 59.1 26.8 80.4
150 171.1 0.0 348.2

