

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100622\
 Data File : VD074467.D
 Acq On : 06 Oct 2022 15:40
 Operator : VA/SY
 Sample : N5014-05
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-2.0-4.0

Quant Time: Oct 07 01:26:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	133070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	237732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	87545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51576	43.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.240%
35) Dibromofluoromethane	7.805	113	68688	43.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.640%
50) Toluene-d8	10.269	98	211649	37.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	74.880%
62) 4-Bromofluorobenzene	12.569	95	72694	39.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.640%

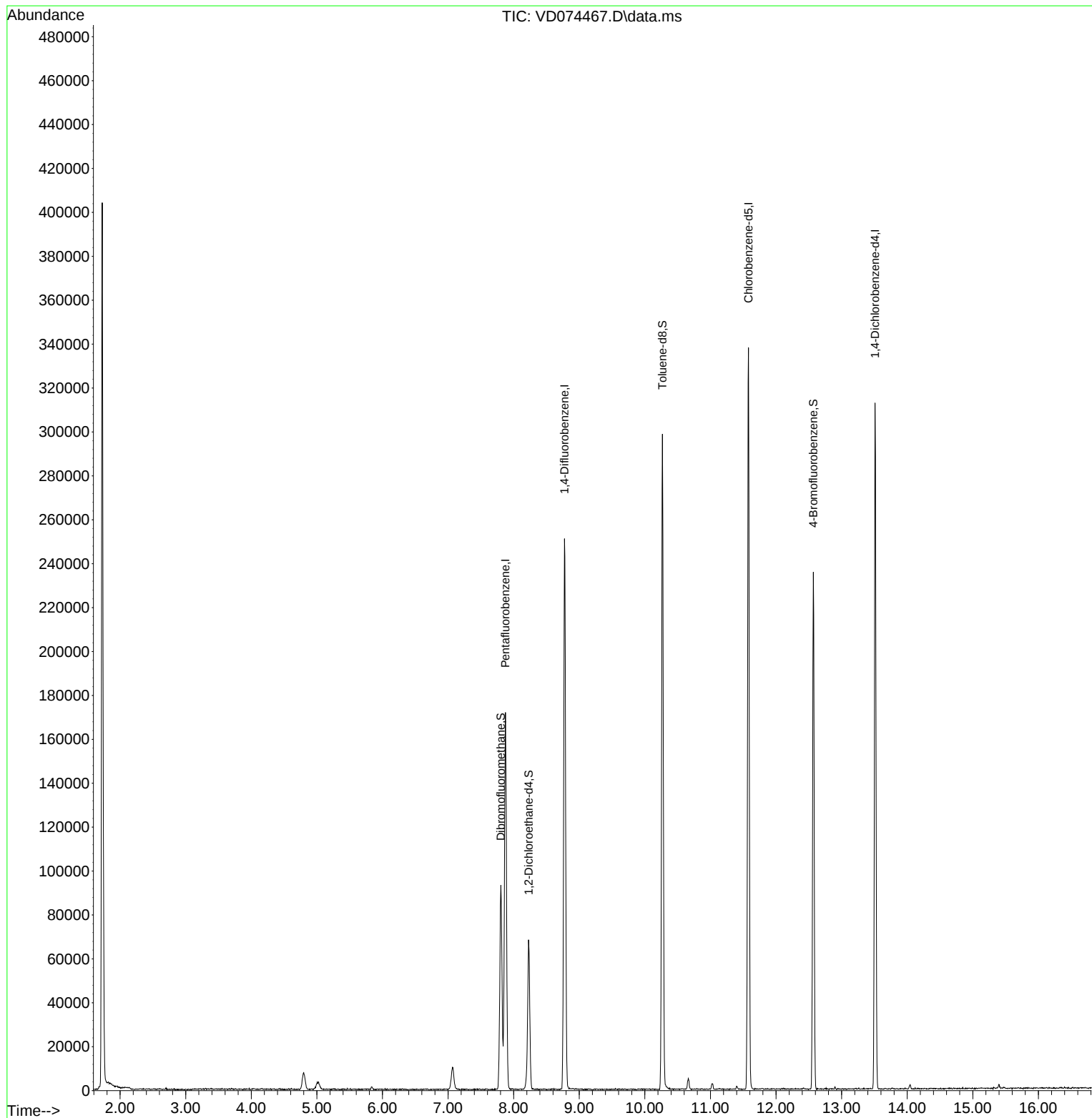
Target Compounds	Qvalue

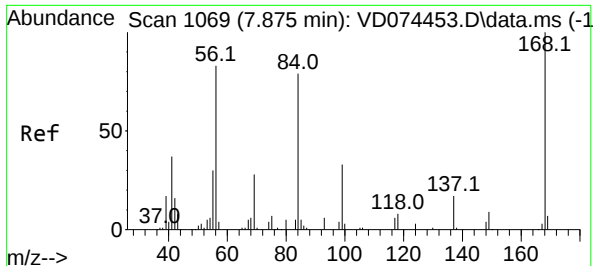
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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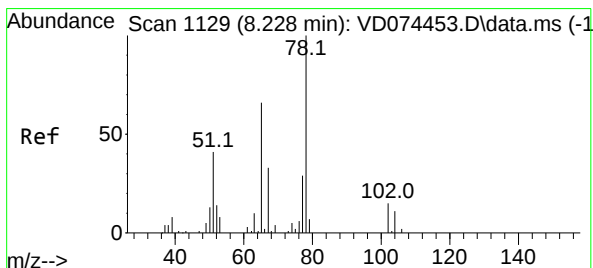
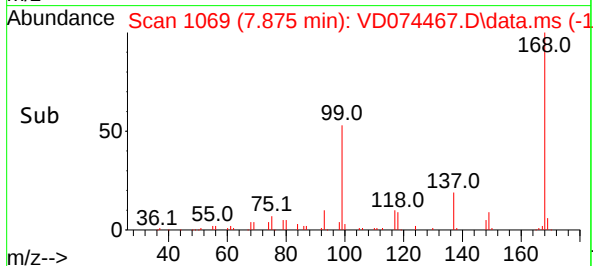
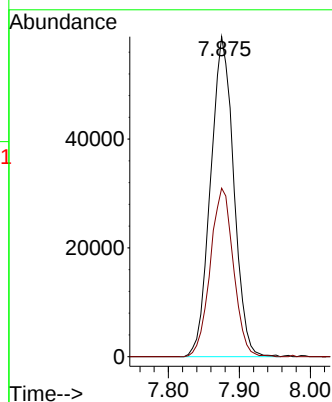
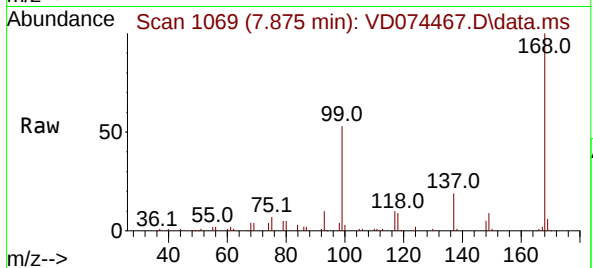




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074467.D
Acq: 06 Oct 2022 15:40

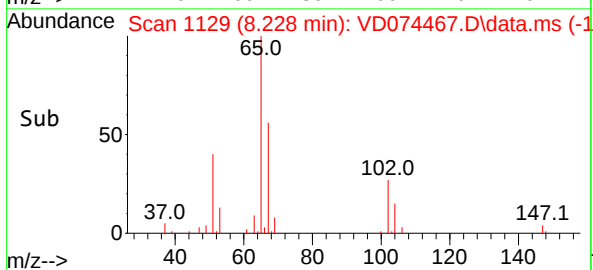
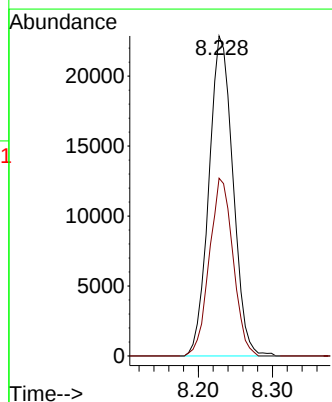
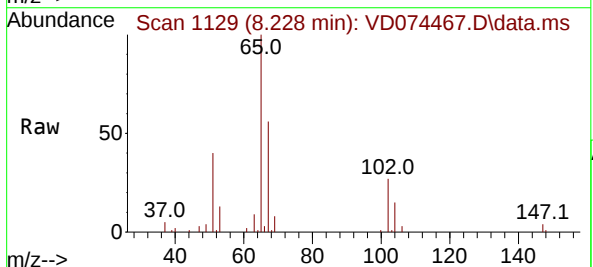
Instrument :
MSVOA_D
ClientSampleId :
SB-06-2.0-4.0

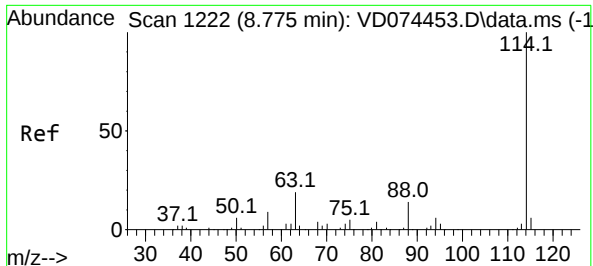
Tgt Ion:168 Resp: 133070
Ion Ratio Lower Upper
168 100
99 52.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 43.624 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074467.D
Acq: 06 Oct 2022 15:40

Tgt Ion: 65 Resp: 51576
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074467.D

Acq: 06 Oct 2022 15:40

Instrument :

MSVOA_D

ClientSampleId :

SB-06-2.0-4.0

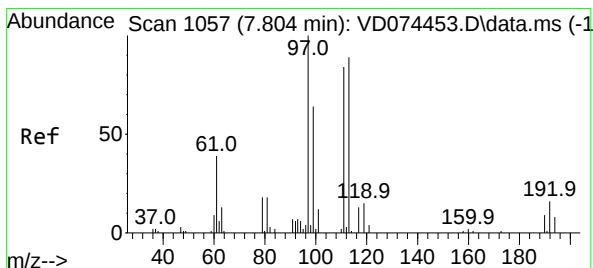
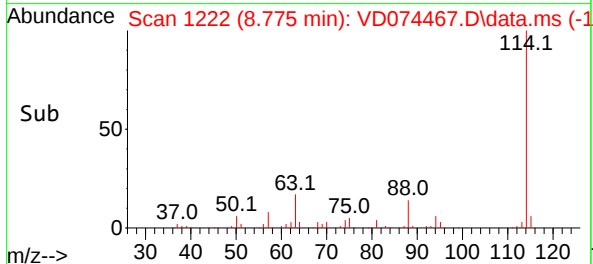
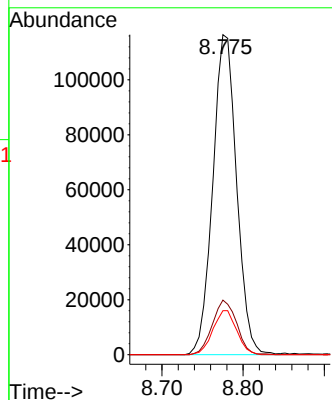
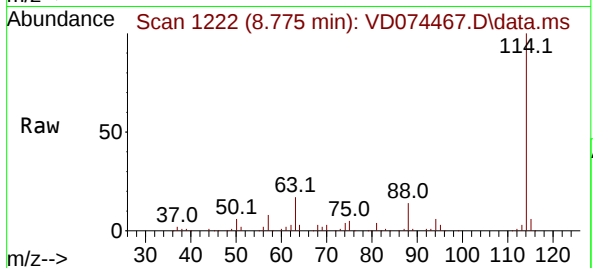
Tgt Ion:114 Resp: 237732

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 43.816 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074467.D

Acq: 06 Oct 2022 15:40

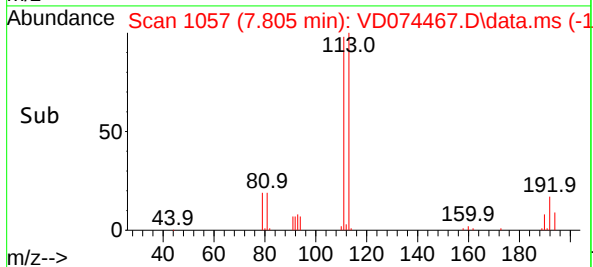
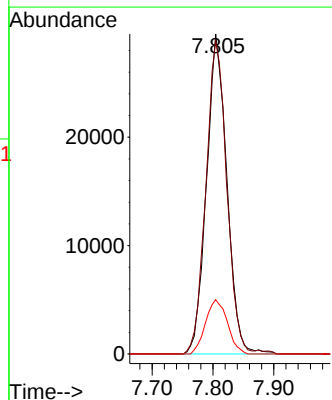
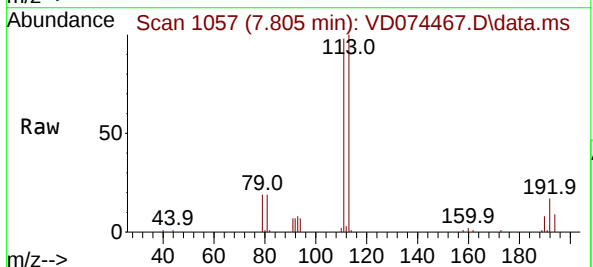
Tgt Ion:113 Resp: 68688

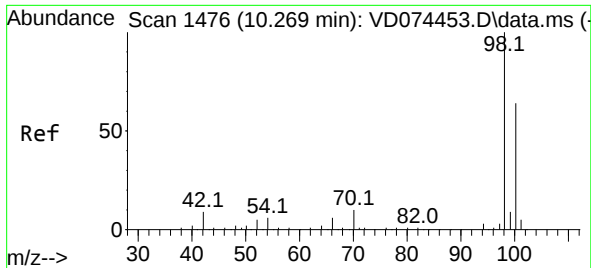
Ion Ratio Lower Upper

113 100

111 100.2 82.3 123.5

192 18.2 16.4 24.6

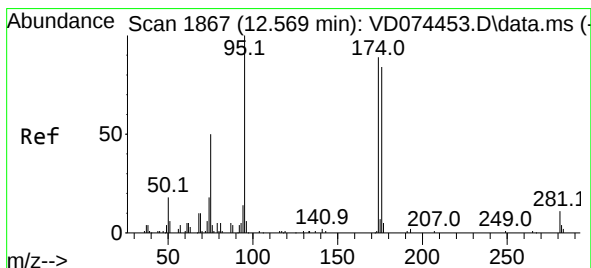
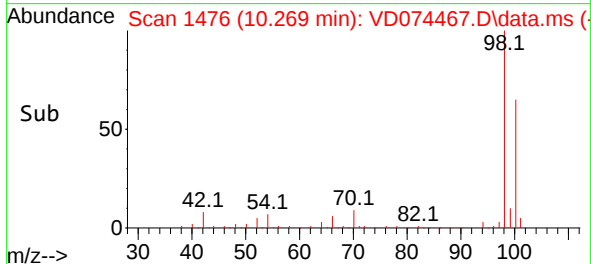
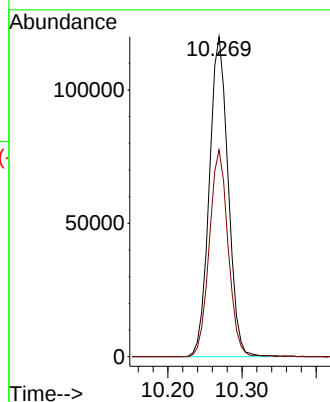
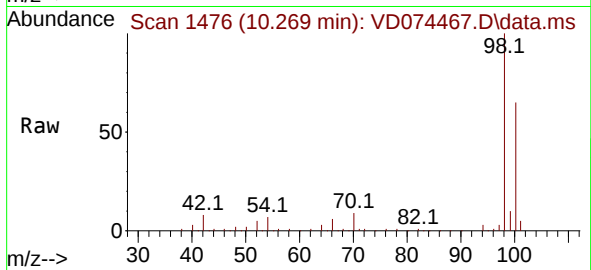




#50
Toluene-d8
Concen: 37.436 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074467.D
Acq: 06 Oct 2022 15:40

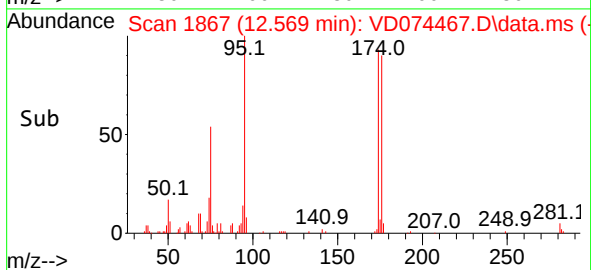
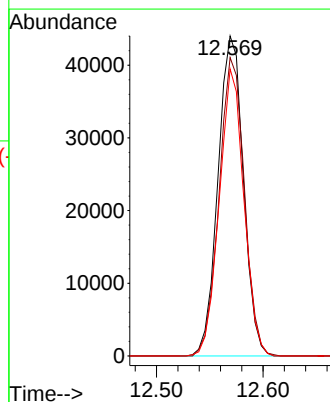
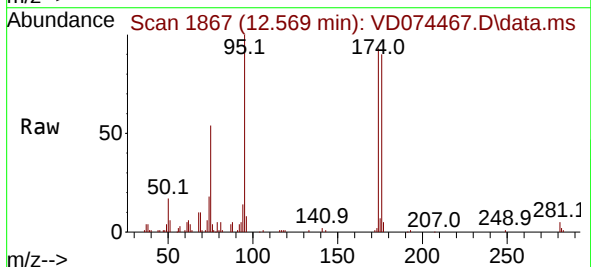
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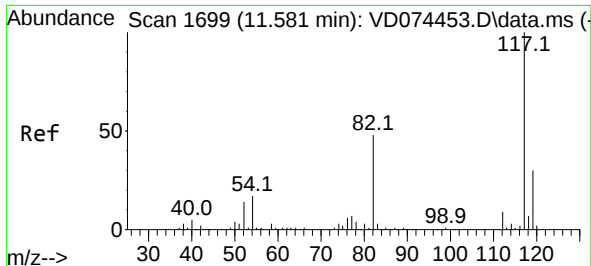
Tgt Ion: 98 Resp: 211649
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 39.824 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074467.D
Acq: 06 Oct 2022 15:40

Tgt Ion: 95 Resp: 72694
Ion Ratio Lower Upper
95 100
174 92.9 0.0 197.0
176 86.9 0.0 182.6

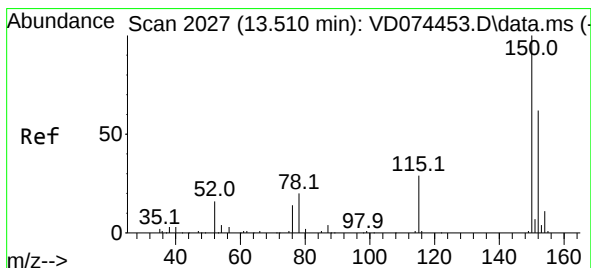
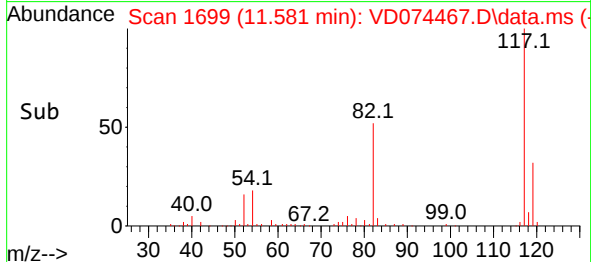
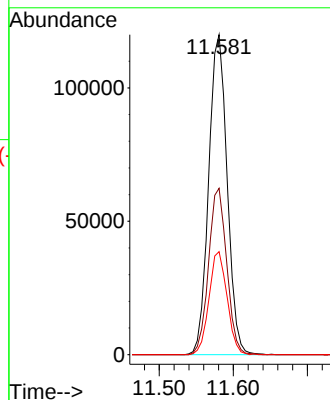
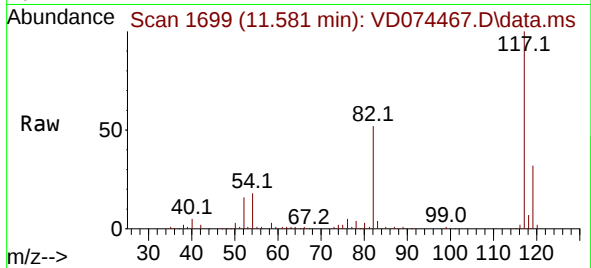




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD074467.D
Acq: 06 Oct 2022 15:40

Instrument :
MSVOA_D
ClientSampleId :
SB-06-2.0-4.0

Tgt Ion:117 Resp: 207356
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074467.D
Acq: 06 Oct 2022 15:40

Tgt Ion:152 Resp: 87545
Ion Ratio Lower Upper
152 100
115 55.7 26.8 80.4
150 155.8 0.0 348.2

