

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077999.D
 Acq On : 20 Dec 2023 16:49
 Operator : RP/MD
 Sample : 05827-03RE
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-SB-07-10-11RE

Quant Time: Dec 21 05:26:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	144846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	259812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90300	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71543	41.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.840%
35) Dibromofluoromethane	7.810	113	81199	44.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.240%
50) Toluene-d8	10.269	98	330215	45.304	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.600%
62) 4-Bromofluorobenzene	12.575	95	86889	39.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.740%

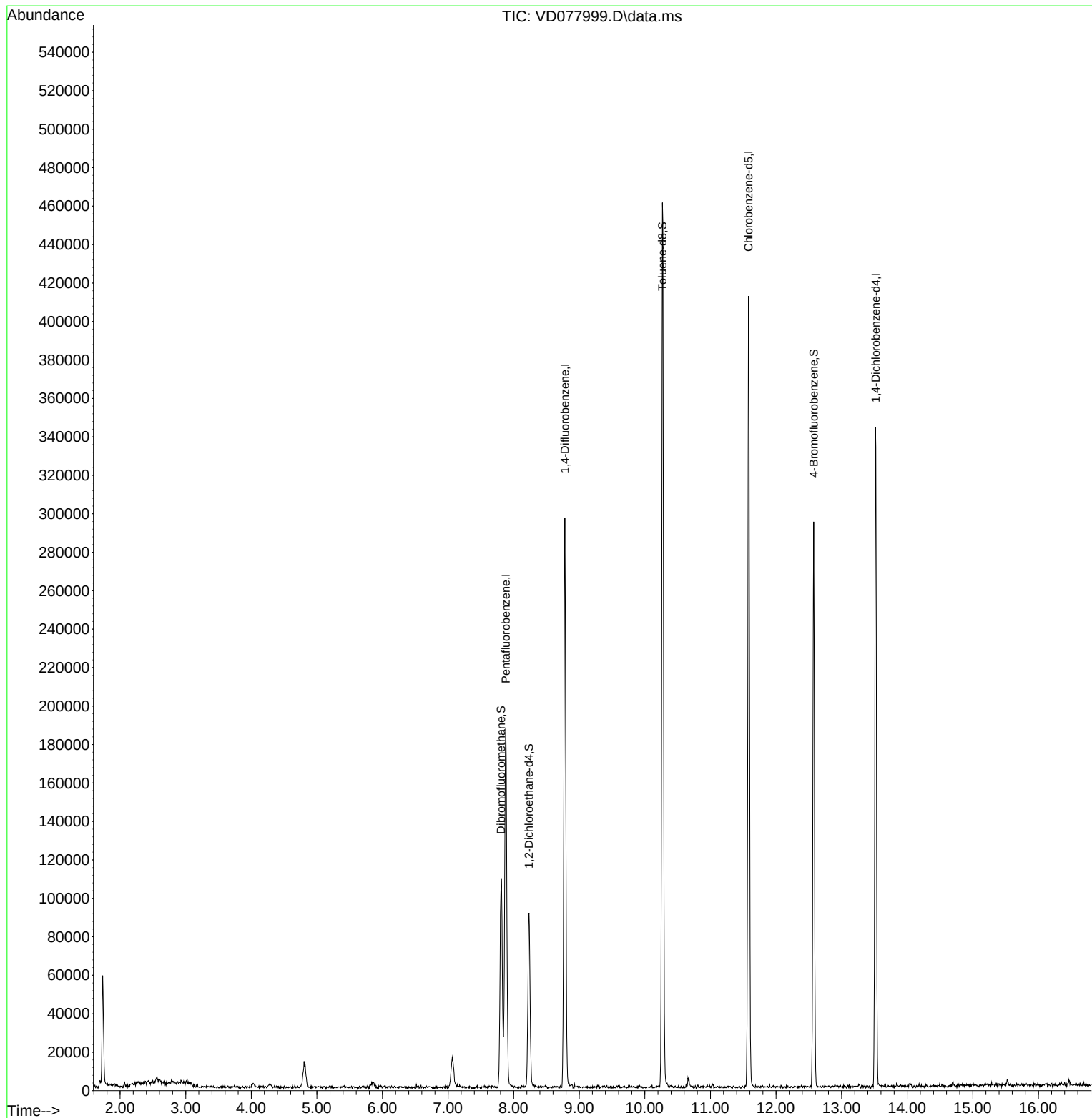
Target Compounds	Qvalue

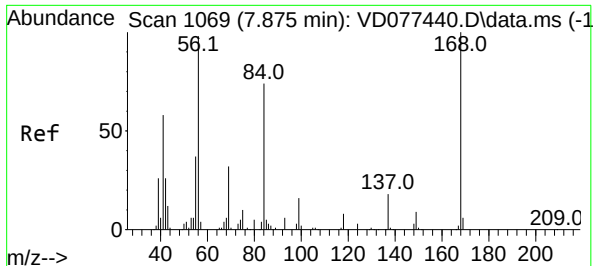
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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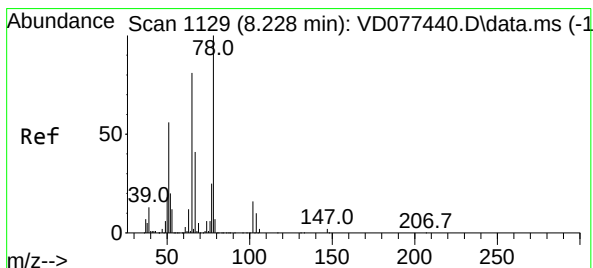
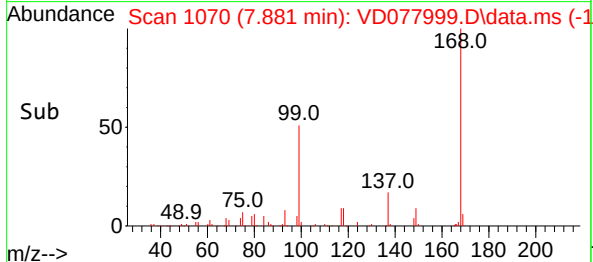
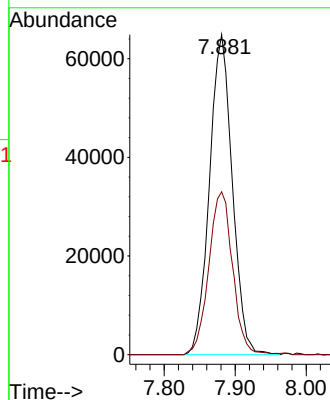
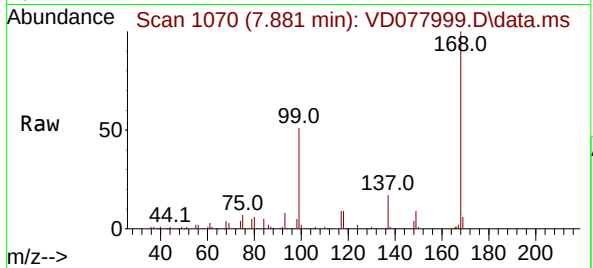




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077999.D
Acq: 20 Dec 2023 16:49

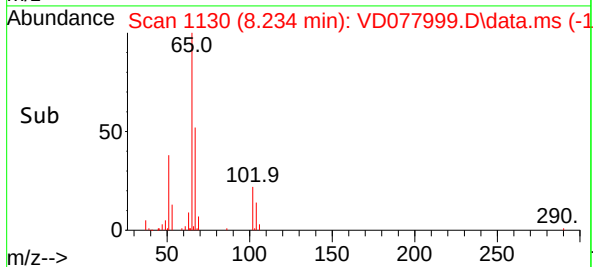
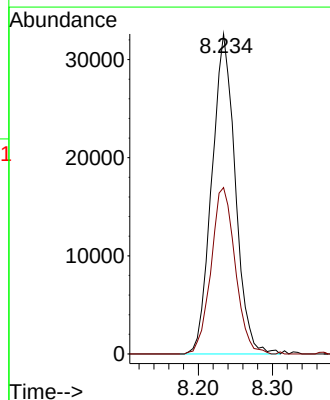
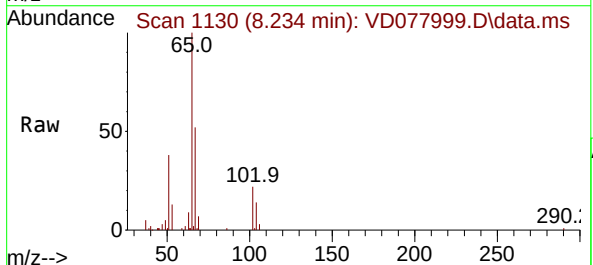
Instrument :
MSVOA_D
ClientSampleId :
RT-SB-07-10-11RE

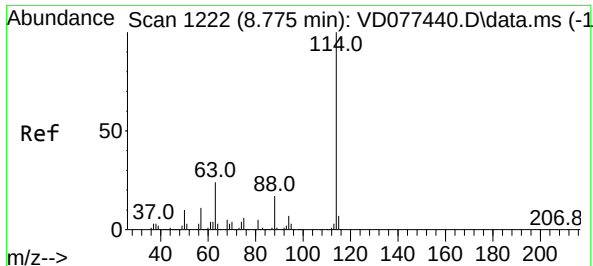
Tgt Ion:168 Resp: 144846
Ion Ratio Lower Upper
168 100
99 50.9 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 41.916 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077999.D
Acq: 20 Dec 2023 16:49

Tgt Ion: 65 Resp: 71543
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077999.D

Acq: 20 Dec 2023 16:49

Instrument :

MSVOA_D

ClientSampleId :

RT-SB-07-10-11RE

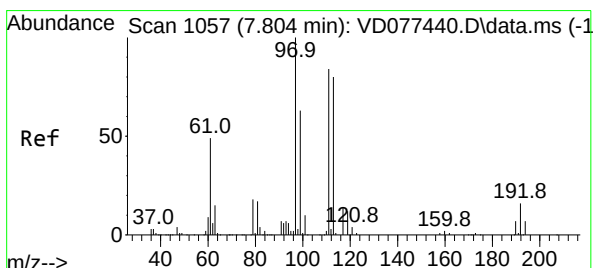
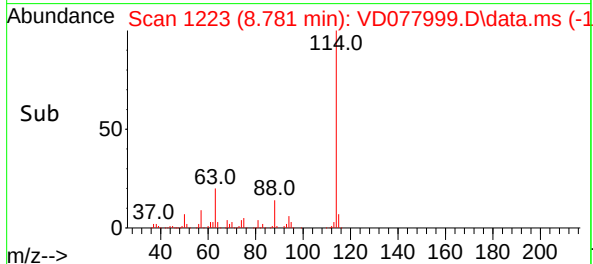
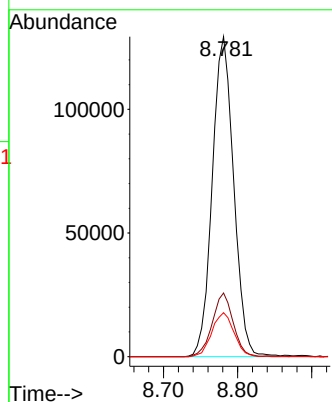
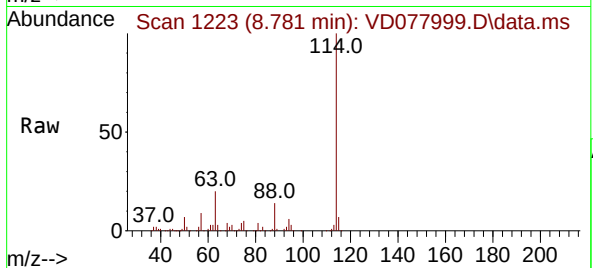
Tgt Ion:114 Resp: 259812

Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.617 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077999.D

Acq: 20 Dec 2023 16:49

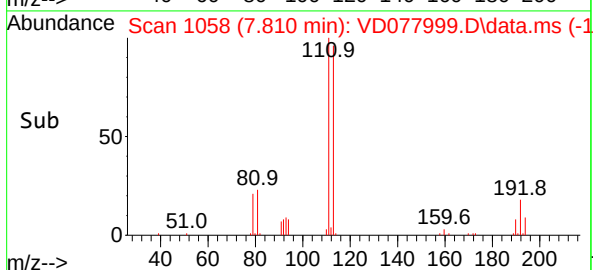
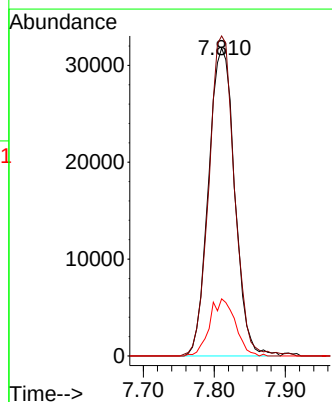
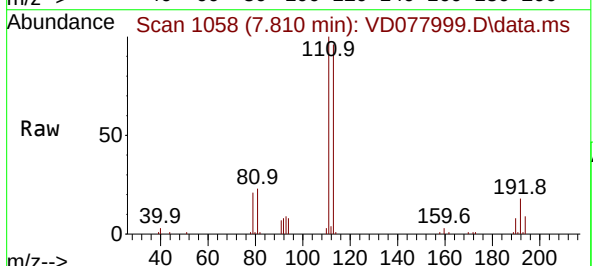
Tgt Ion:113 Resp: 81199

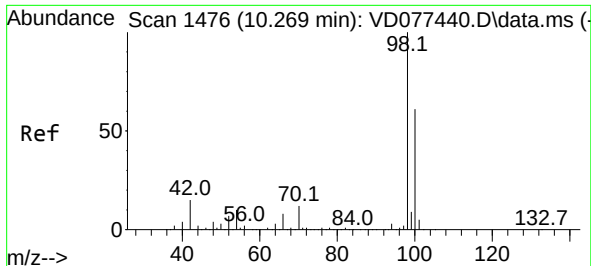
Ion Ratio Lower Upper

113 100

111 101.7 84.7 127.1

192 18.3 16.8 25.2

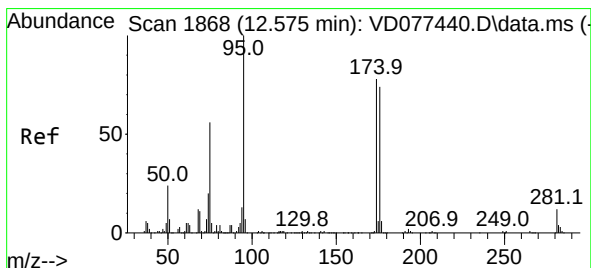
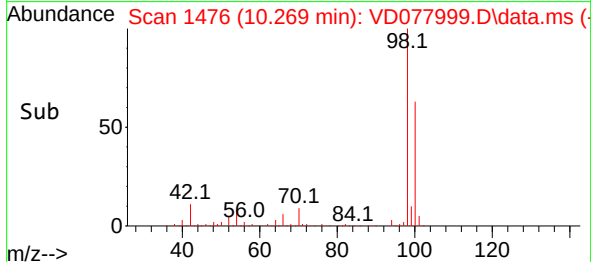
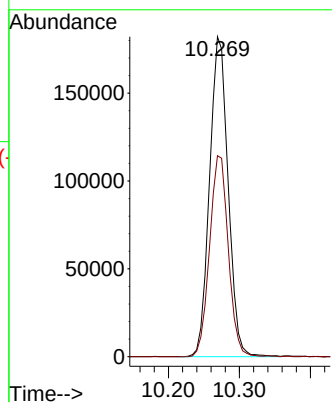
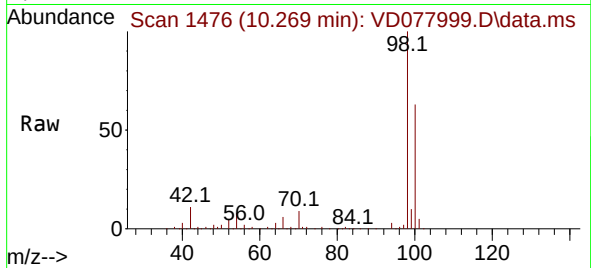




#50
Toluene-d8
Concen: 45.304 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077999.D
Acq: 20 Dec 2023 16:49

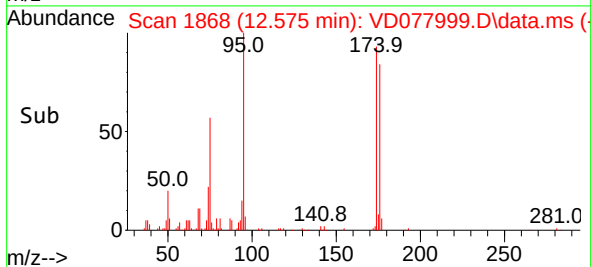
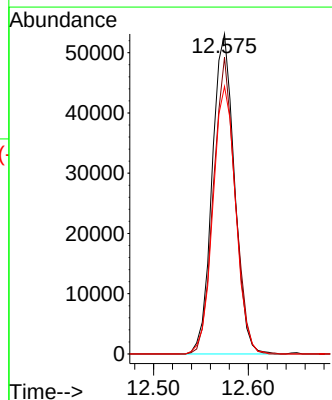
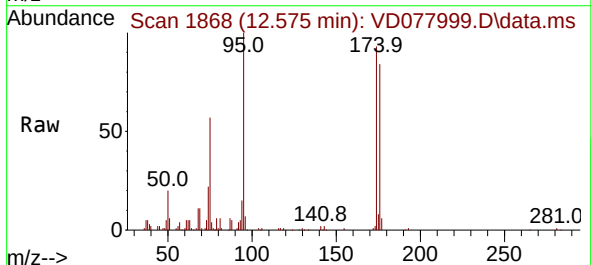
Instrument :
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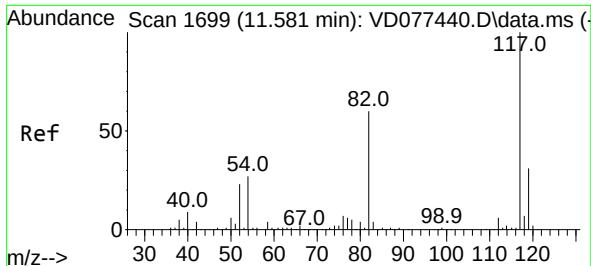
Tgt Ion: 98 Resp: 330215
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 39.872 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077999.D
Acq: 20 Dec 2023 16:49

Tgt Ion: 95 Resp: 86889
Ion Ratio Lower Upper
95 100
174 89.8 0.0 201.8
176 85.5 0.0 191.8

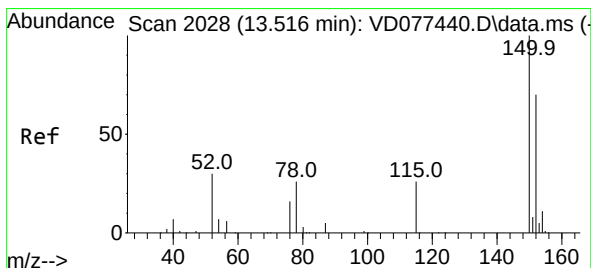
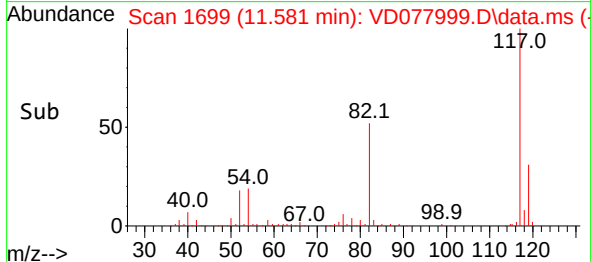
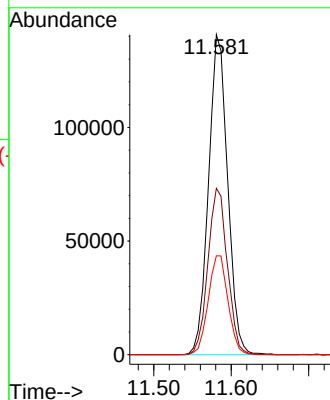
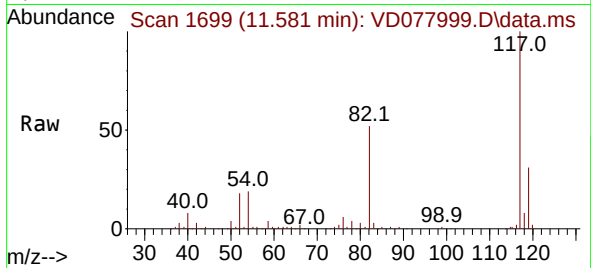




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077999.D
Acq: 20 Dec 2023 16:49

Instrument :
MSVOA_D
ClientSampleId :
RT-SB-07-10-11RE

Tgt Ion:117 Resp: 241053
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077999.D
Acq: 20 Dec 2023 16:49

Tgt Ion:152 Resp: 90300
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 161.8 0.0 353.6

