

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077988.D
 Acq On : 20 Dec 2023 11:53
 Operator : RP/MD
 Sample : 05827-01RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-DUP01-121223RE

Quant Time: Dec 21 05:22:28 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	7.875	168	175926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	319665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	127899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83495	40.277	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.560%
35) Dibromofluoromethane	7.811	113	95625	42.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.420%
50) Toluene-d8	10.269	98	405657	45.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.575	95	112506	41.961	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.920%

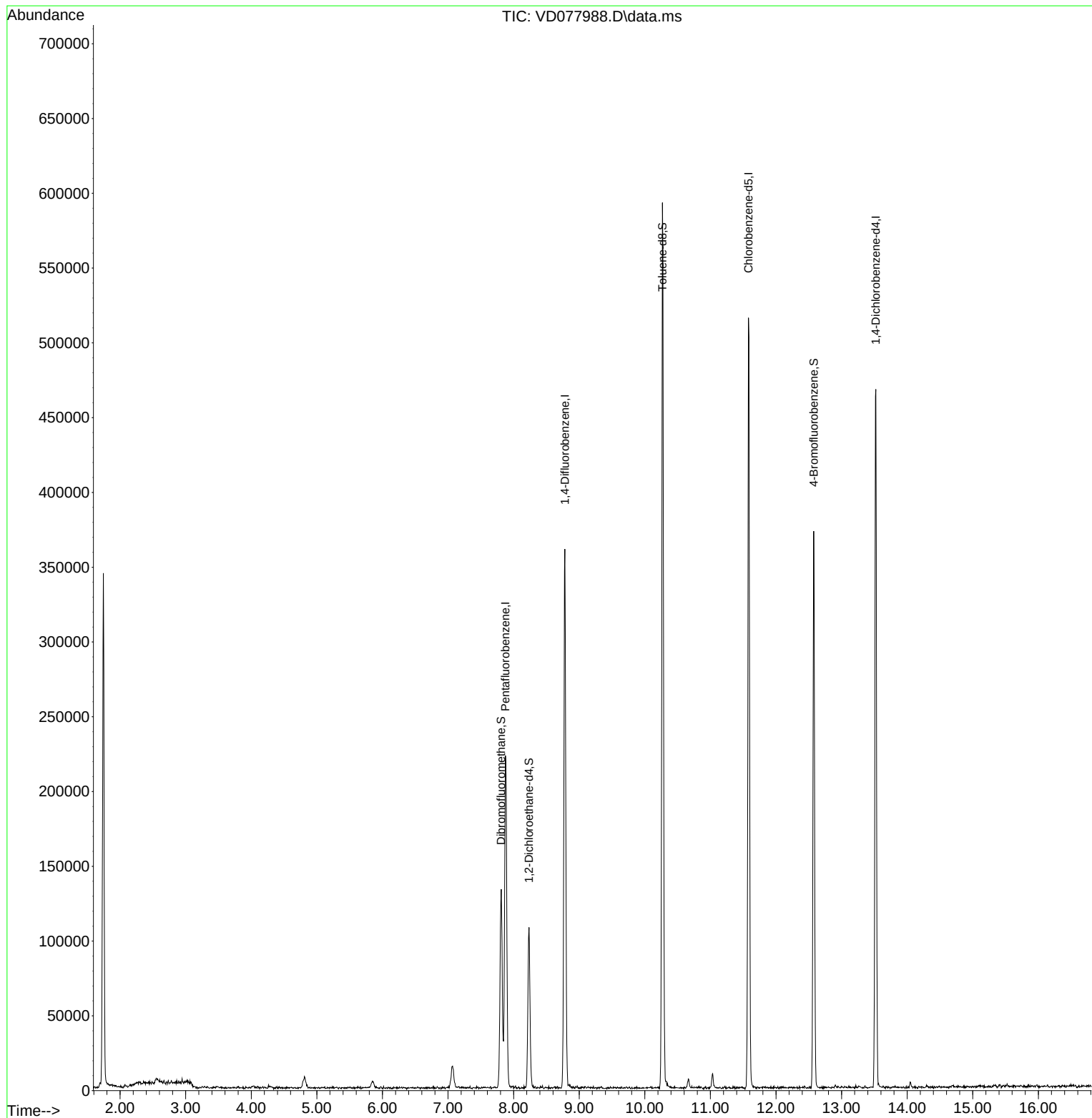
Target Compounds	Qvalue

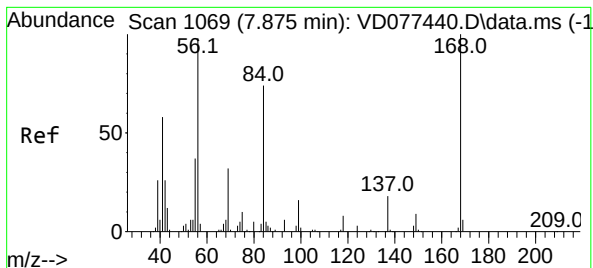
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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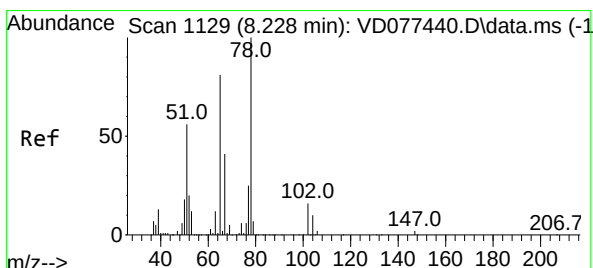
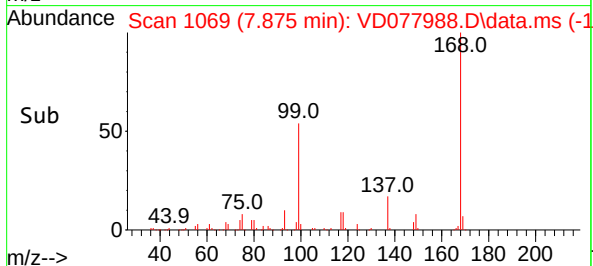
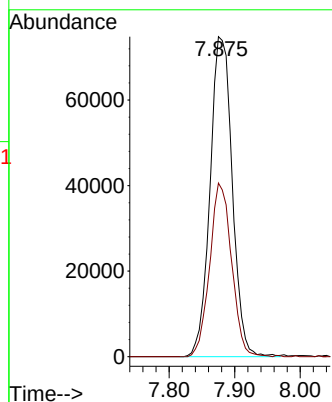
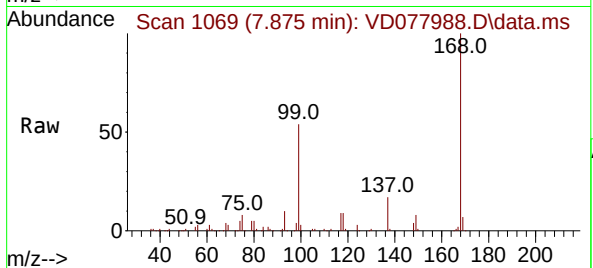




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077988.D
Acq: 20 Dec 2023 11:53

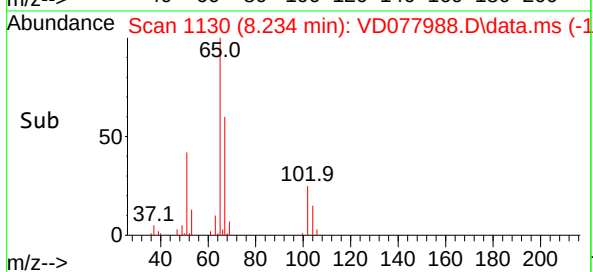
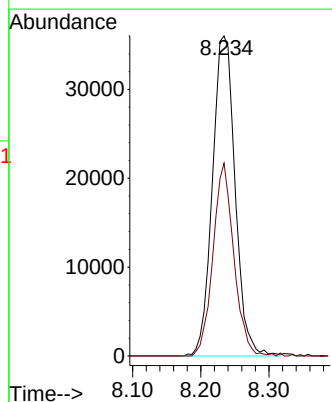
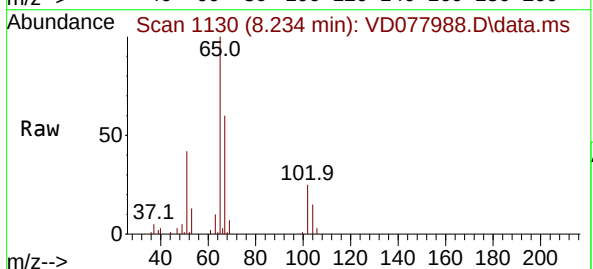
Instrument :
MSVOA_D
ClientSampleId :
RT-DUP01-121223RE

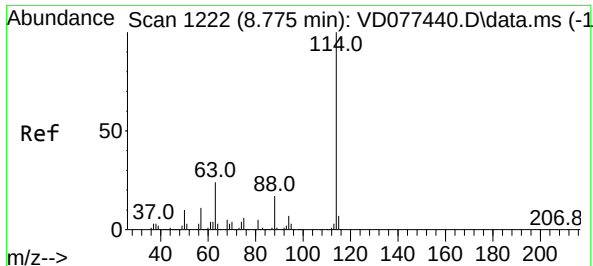
Tgt Ion:168 Resp: 175926
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.277 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077988.D
Acq: 20 Dec 2023 11:53

Tgt Ion: 65 Resp: 83495
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077988.D

Acq: 20 Dec 2023 11:53

Instrument :

MSVOA_D

ClientSampleId :

RT-DUP01-121223RE

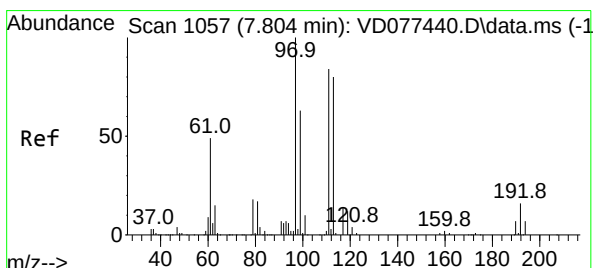
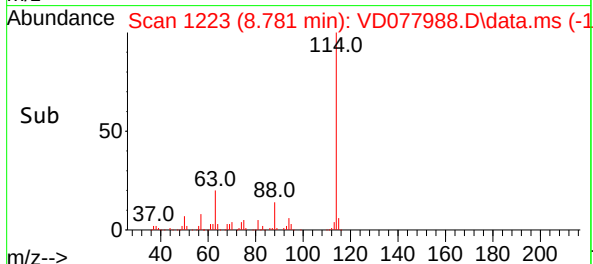
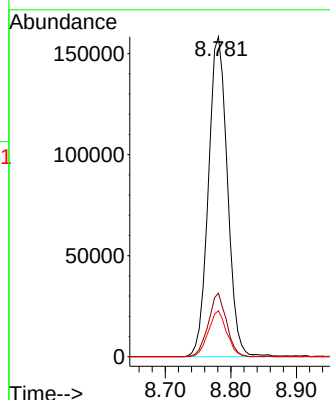
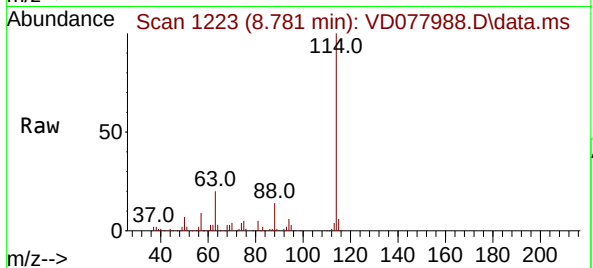
Tgt Ion:114 Resp: 319665

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.706 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077988.D

Acq: 20 Dec 2023 11:53

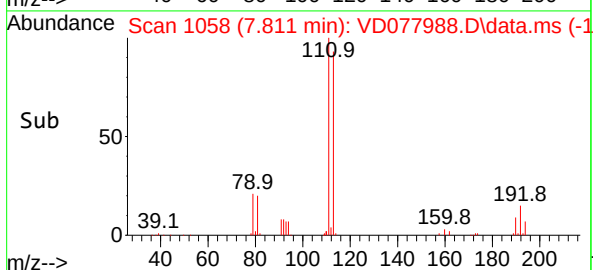
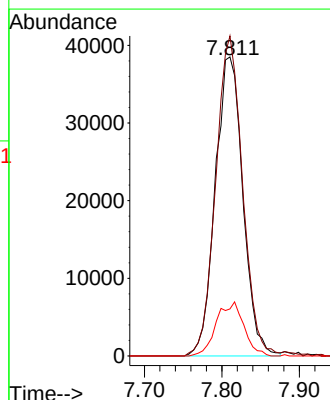
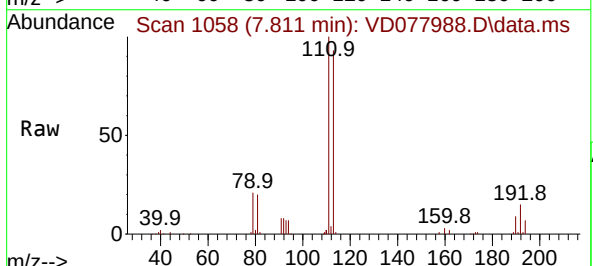
Tgt Ion:113 Resp: 95625

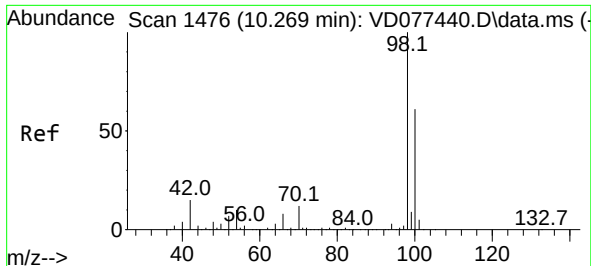
Ion Ratio Lower Upper

113 100

111 103.7 84.7 127.1

192 18.0 16.8 25.2

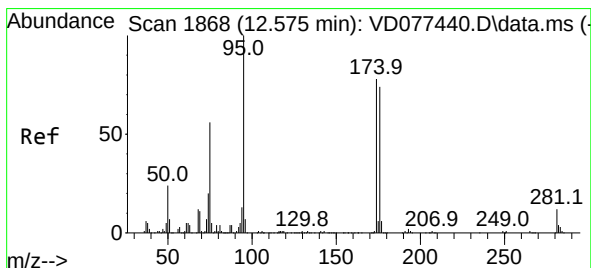
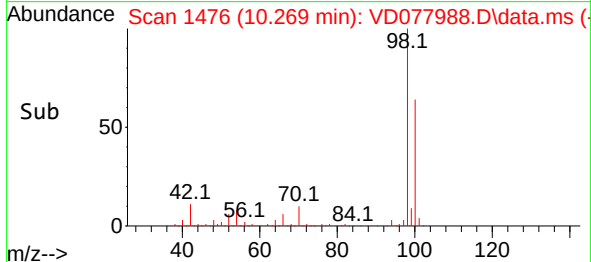
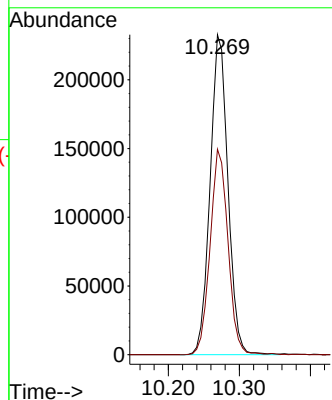
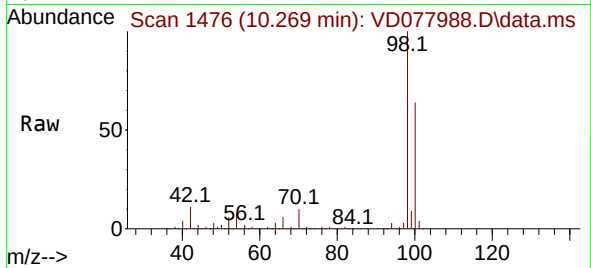




#50
Toluene-d8
Concen: 45.233 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077988.D
Acq: 20 Dec 2023 11:53

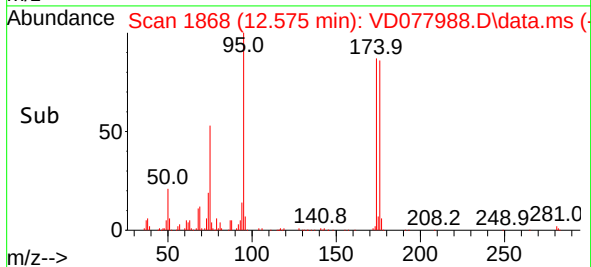
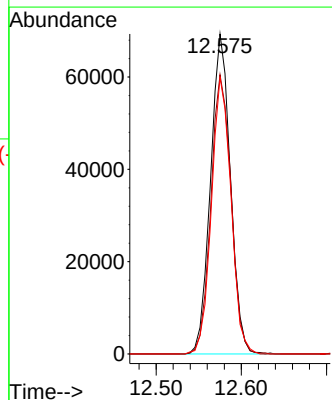
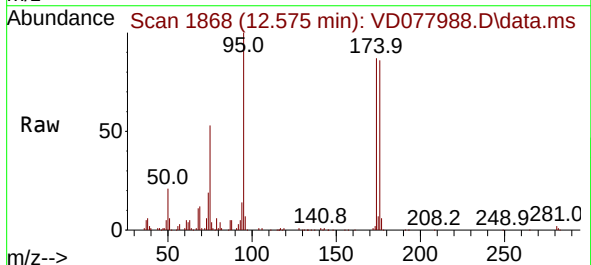
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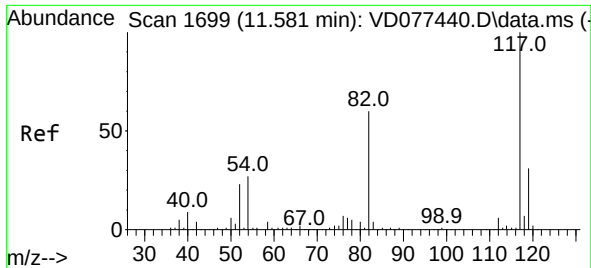
Tgt Ion: 98 Resp: 405657
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 41.961 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077988.D
Acq: 20 Dec 2023 11:53

Tgt Ion: 95 Resp: 112506
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 84.9 0.0 191.8

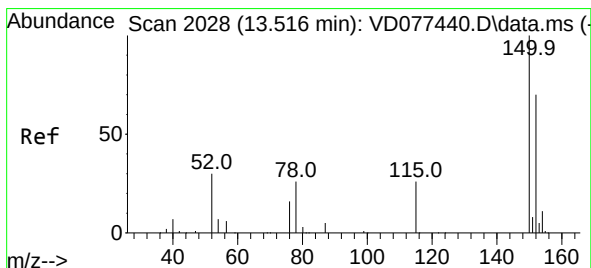
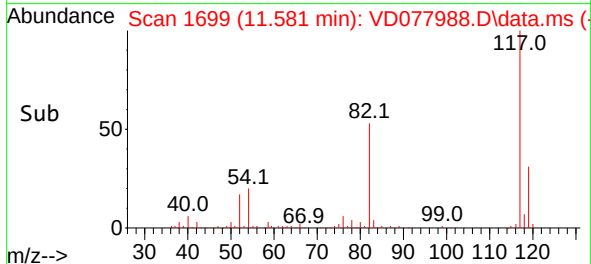
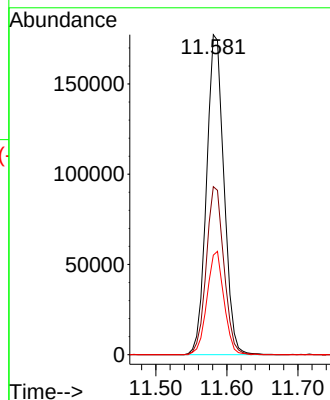
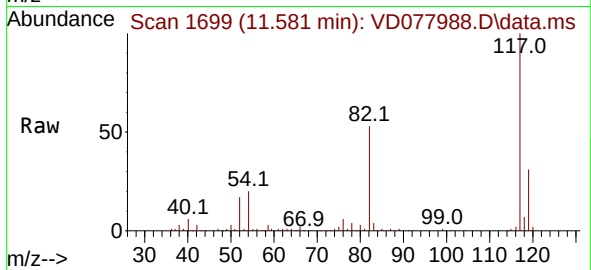




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077988.D
Acq: 20 Dec 2023 11:53

Instrument :
MSVOA_D
ClientSampleId :
RT-DUP01-121223RE

Tgt Ion:117 Resp: 302852
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 31.1 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: VD077988.D
Acq: 20 Dec 2023 11:53

Tgt Ion:152 Resp: 127899
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 159.2 0.0 353.6

