

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078629.D
 Acq On : 11 Mar 2024 14:17
 Operator : RP/MD
 Sample : P1725-01
 Misc : 3.95G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-3860

Quant Time: Mar 12 01:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	115429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	246356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	319416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52102	45.534	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.060%
35) Dibromofluoromethane	7.804	113	77628	48.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.269	98	314943	50.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.575	95	135473	76.169	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	152.340%#

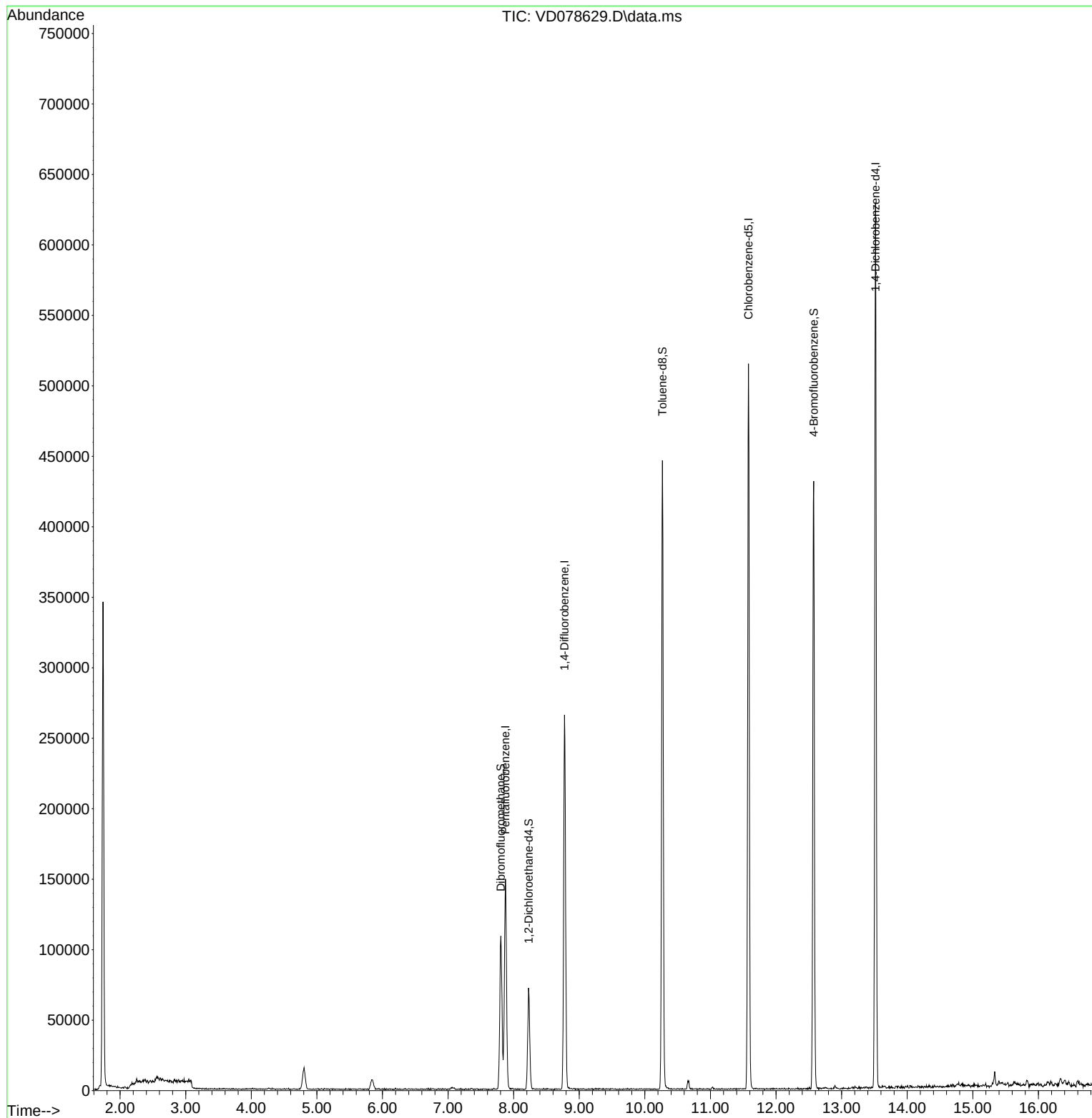
Target Compounds	Qvalue

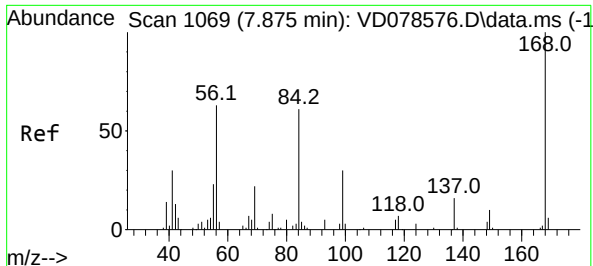
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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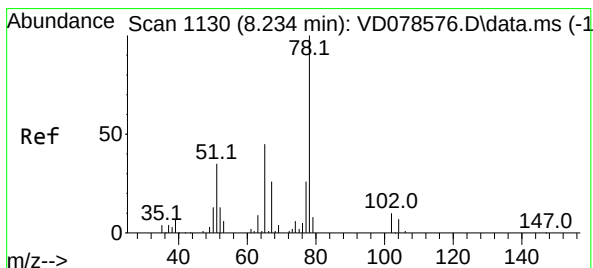
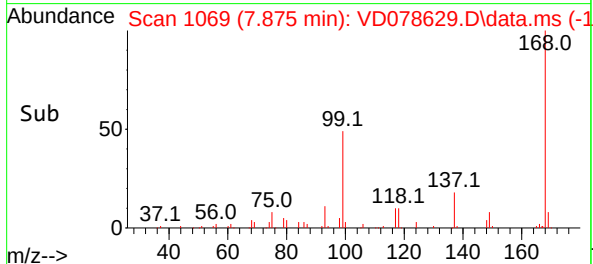
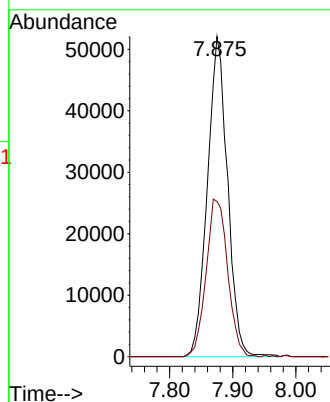
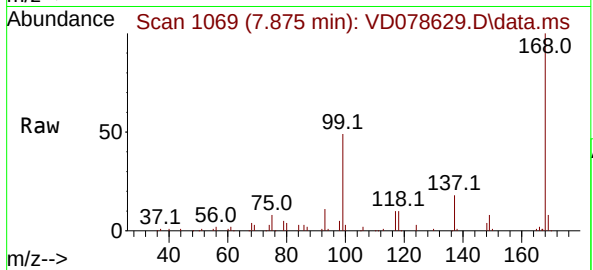




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

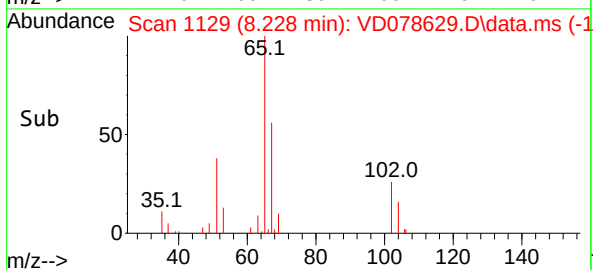
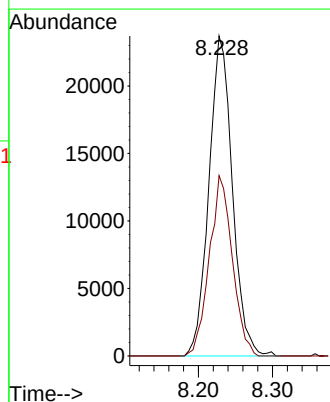
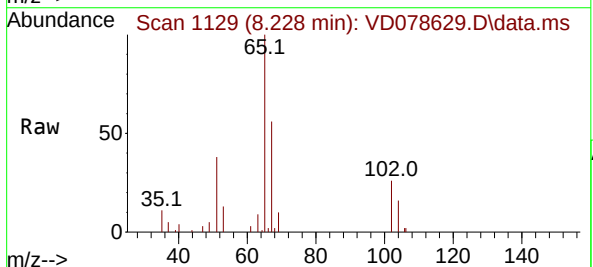
Instrument :
MSVOA_D
ClientSampleId :
RT-3860

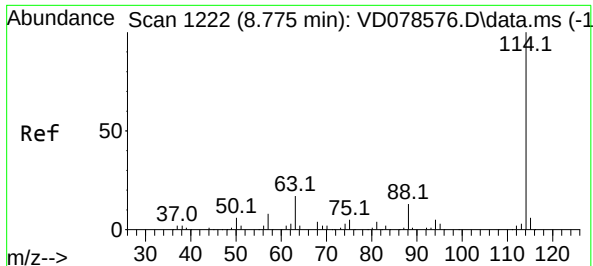
Tgt Ion:168 Resp: 115429
Ion Ratio Lower Upper
168 100
99 48.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 45.534 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Tgt Ion: 65 Resp: 52102
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

Instrument :

MSVOA_D

ClientSampleId :

RT-3860

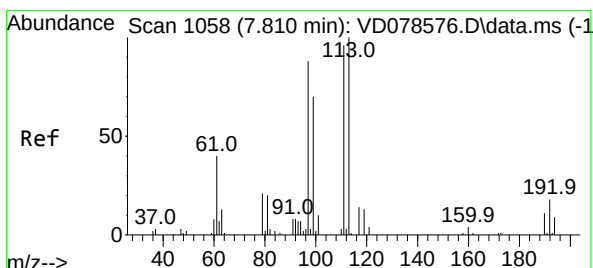
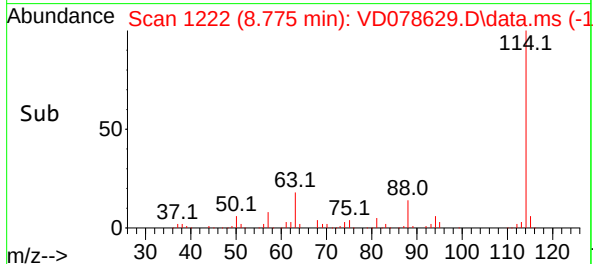
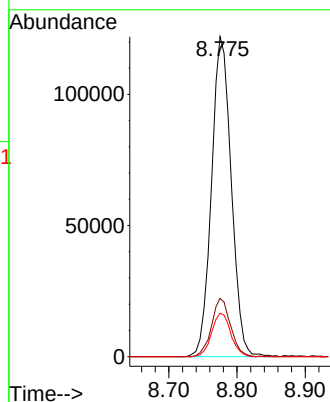
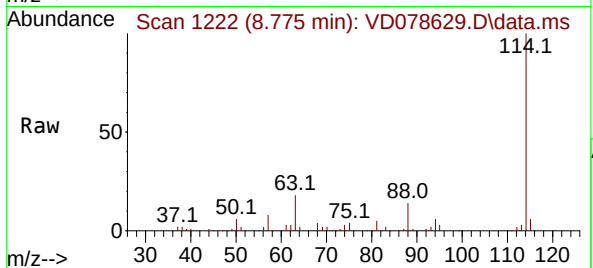
Tgt Ion:114 Resp: 246356

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.441 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078629.D

Acq: 11 Mar 2024 14:17

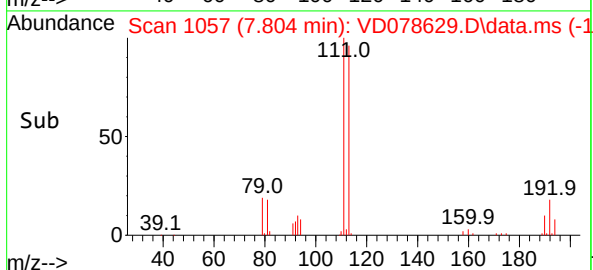
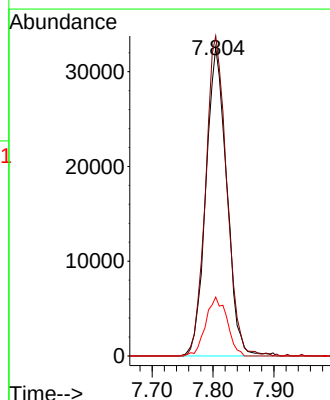
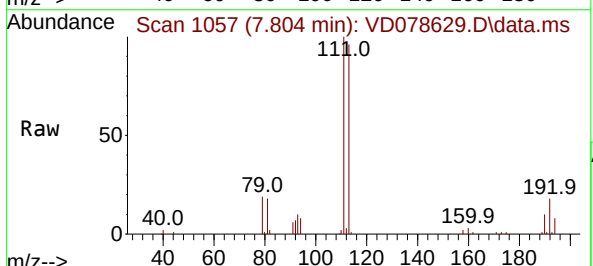
Tgt Ion:113 Resp: 77628

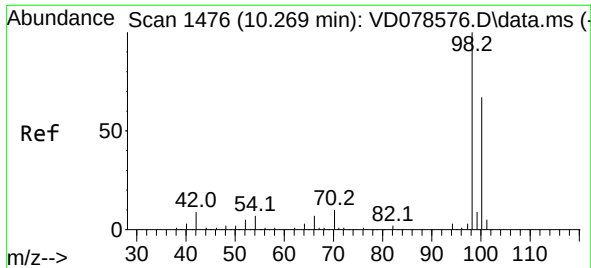
Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 19.5 16.8 25.2

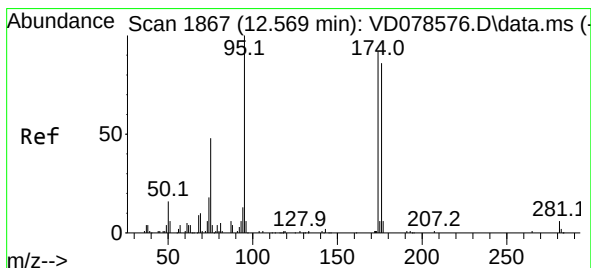
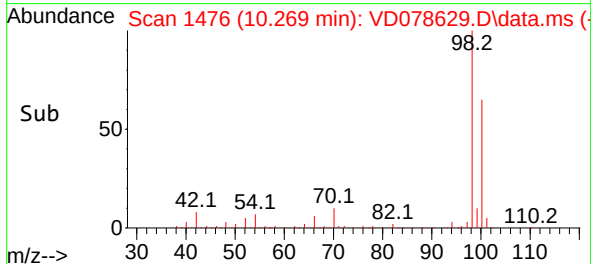
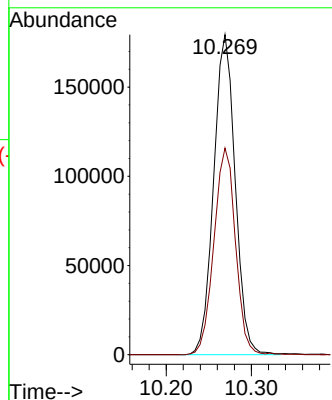
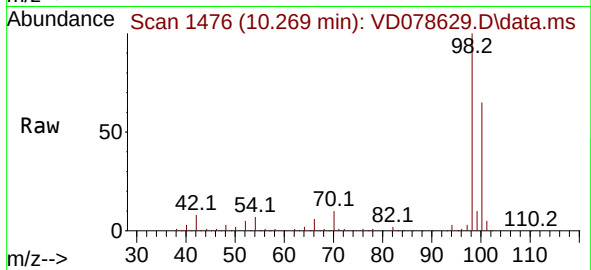




#50
Toluene-d8
Concen: 50.576 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

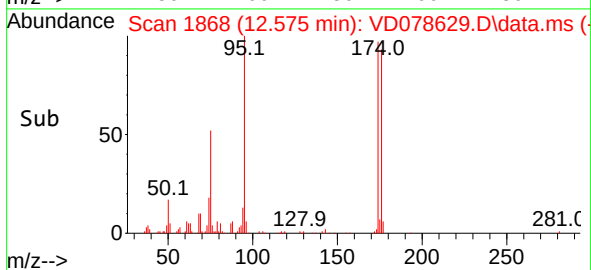
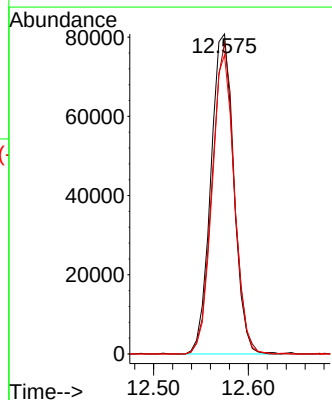
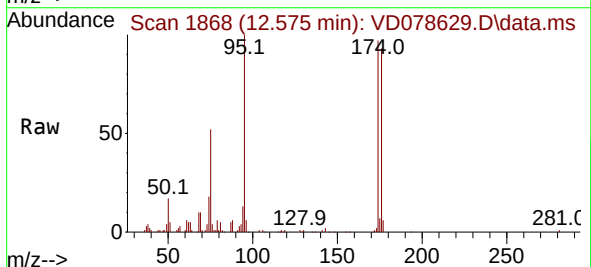
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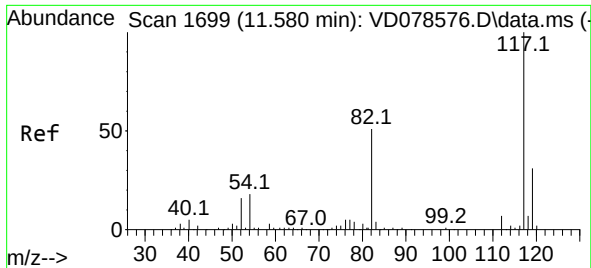
Tgt Ion: 98 Resp: 314943
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 76.169 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Tgt Ion: 95 Resp: 135473
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 91.3 0.0 191.8

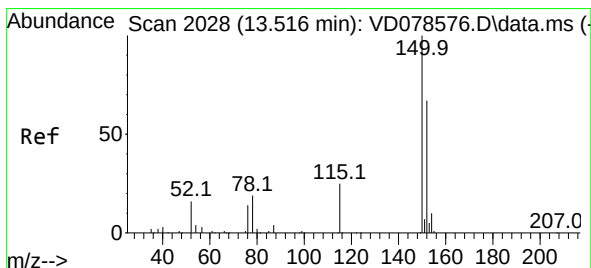
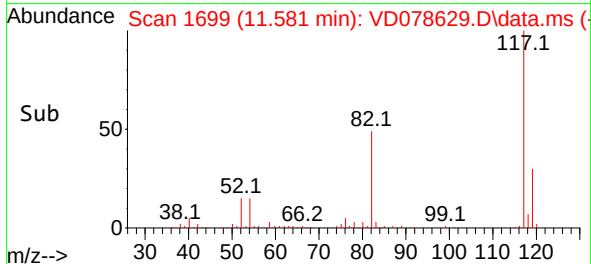
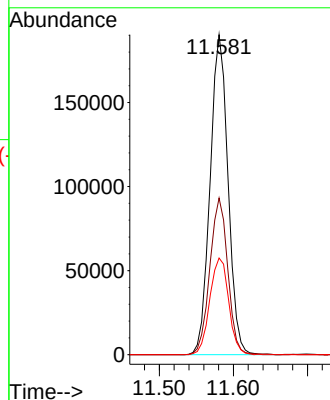
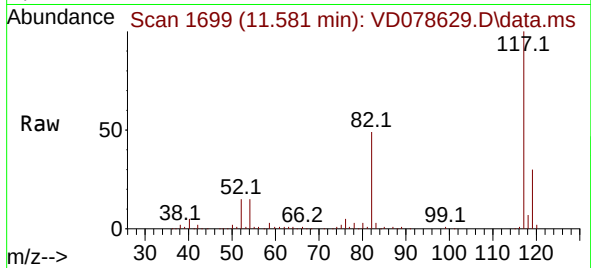




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Instrument :
MSVOA_D
ClientSampleId :
RT-3860

Tgt Ion:117 Resp: 319416
Ion Ratio Lower Upper
117 100
82 48.9 38.3 57.5
119 30.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078629.D
Acq: 11 Mar 2024 14:17

Tgt Ion:152 Resp: 172474
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.3
150 157.5 0.0 353.6

