

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076852.D
 Acq On : 28 Jul 2023 13:58
 Operator : KP/SY
 Sample : 03770-07
 Misc : 4.94G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HOWE-1-LP

Quant Time: Jul 28 23:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	179207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	339763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135422	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90425	50.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.320%
35) Dibromofluoromethane	7.799	113	108149	50.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.300%
50) Toluene-d8	10.269	98	412623	54.022	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.040%
62) 4-Bromofluorobenzene	12.569	95	116523	47.158	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.320%

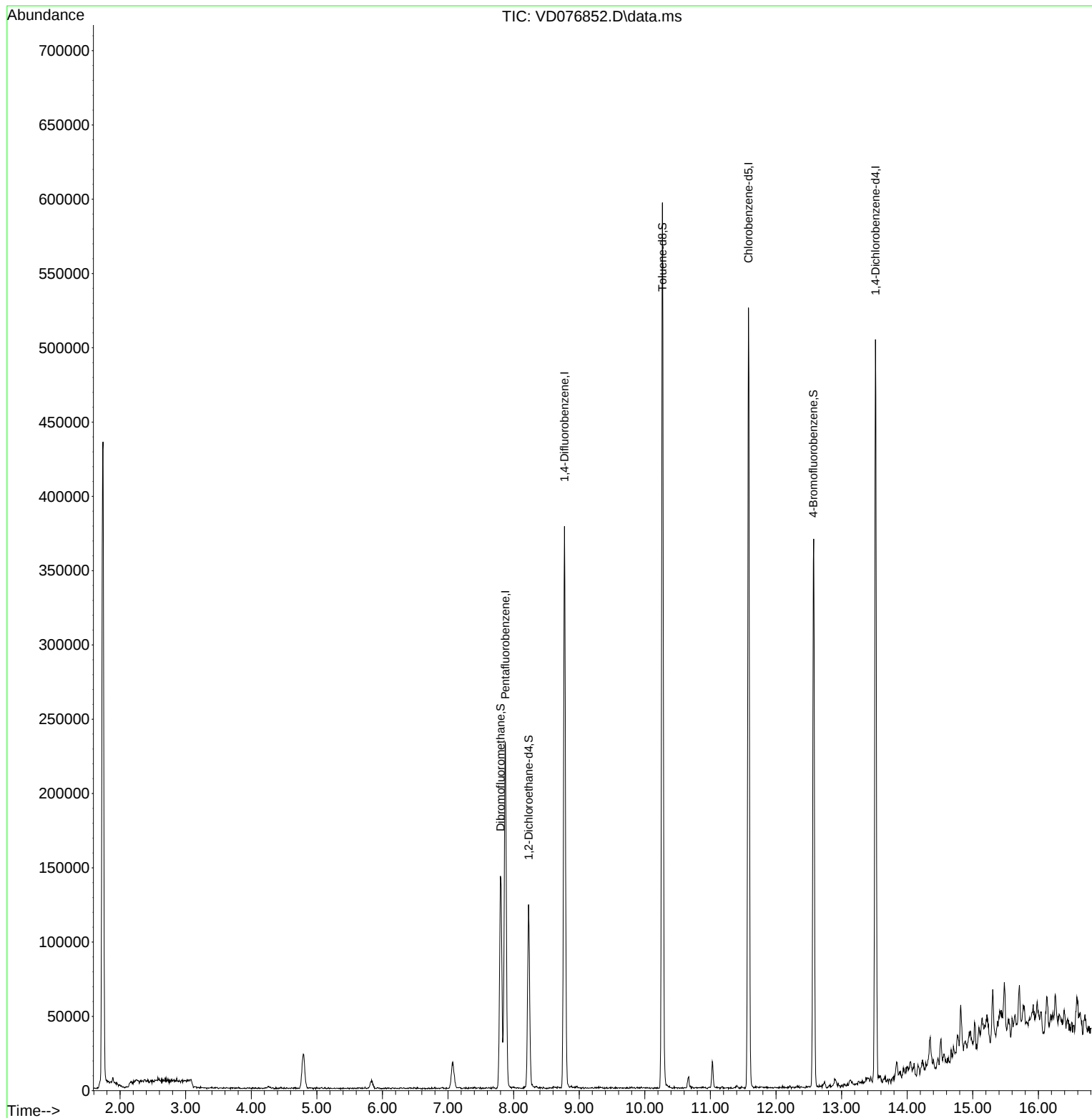
Target Compounds	Qvalue

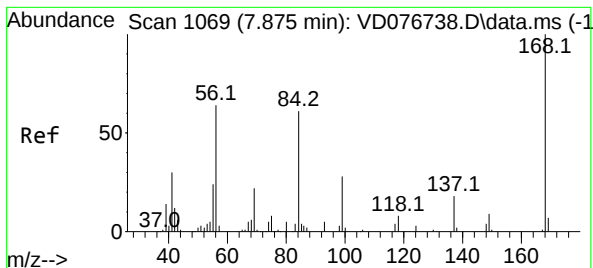
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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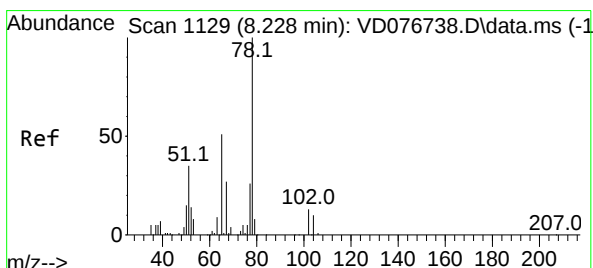
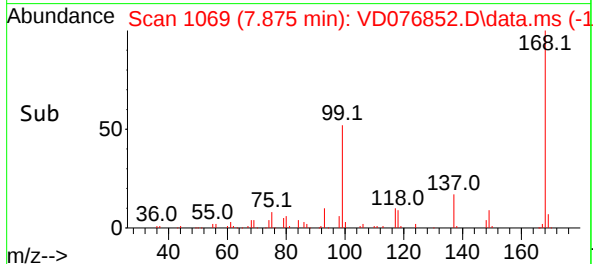
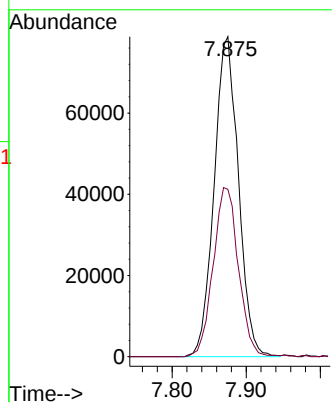
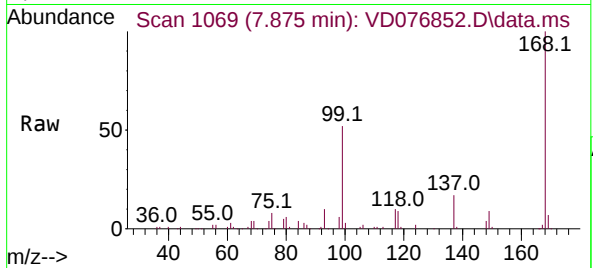




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076852.D
Acq: 28 Jul 2023 13:58

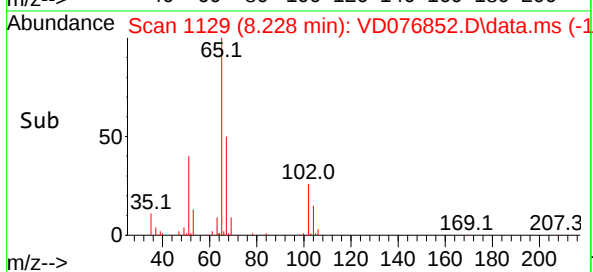
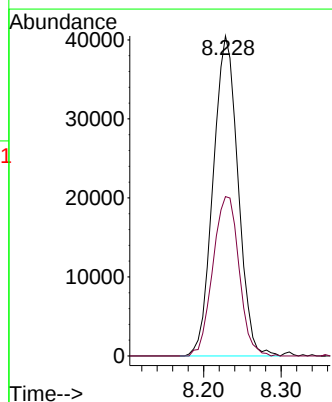
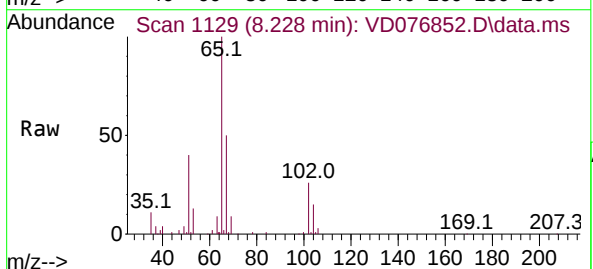
Instrument :
MSVOA_D
ClientSampleId :
HOWE-1-LP

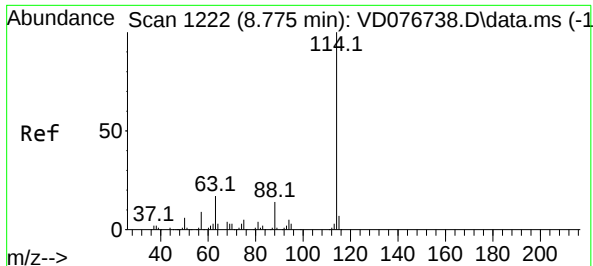
Tgt Ion:168 Resp: 179207
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 50.659 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076852.D
Acq: 28 Jul 2023 13:58

Tgt Ion: 65 Resp: 90425
Ion Ratio Lower Upper
65 100
67 52.5 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: VD076852.D

Acq: 28 Jul 2023 13:58

Instrument :

MSVOA_D

ClientSampleId :

HOWE-1-LP

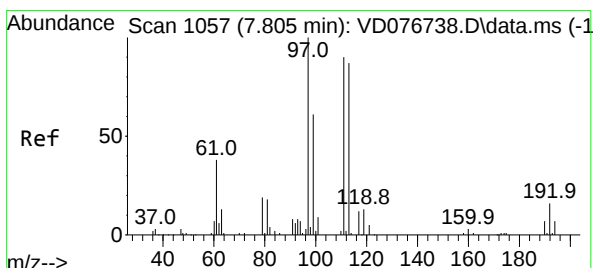
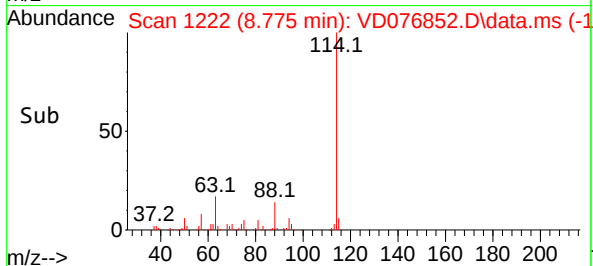
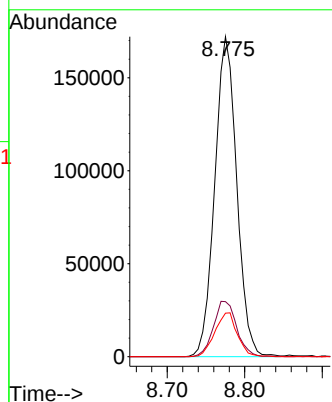
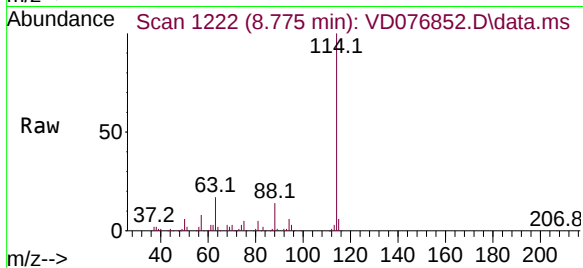
Tgt Ion:114 Resp: 339763

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.653 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076852.D

Acq: 28 Jul 2023 13:58

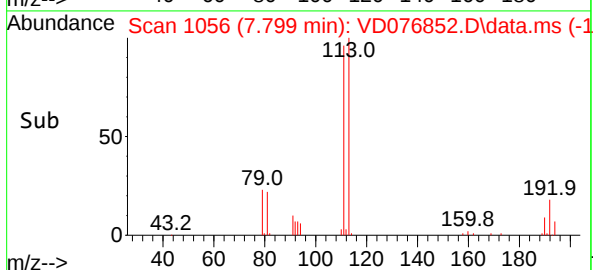
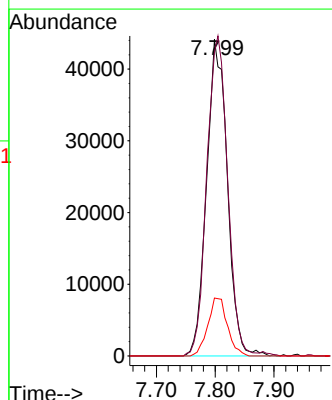
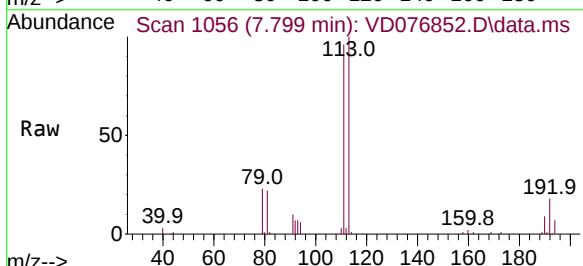
Tgt Ion:113 Resp: 108149

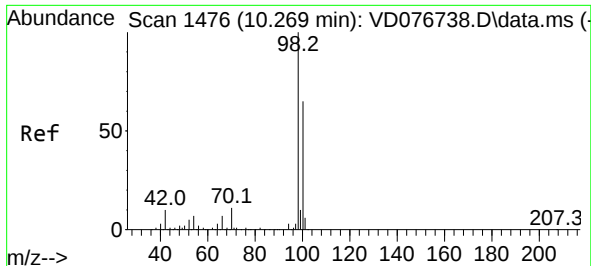
Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 17.3 16.8 25.2

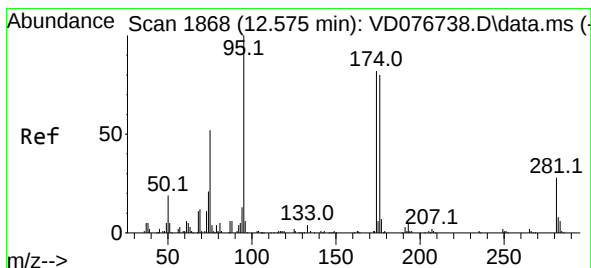
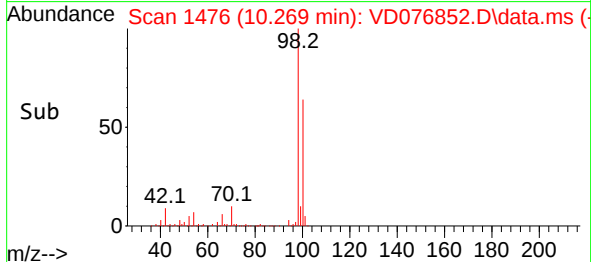
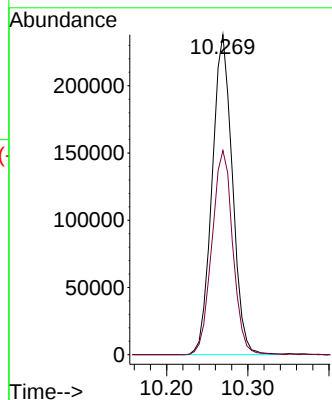
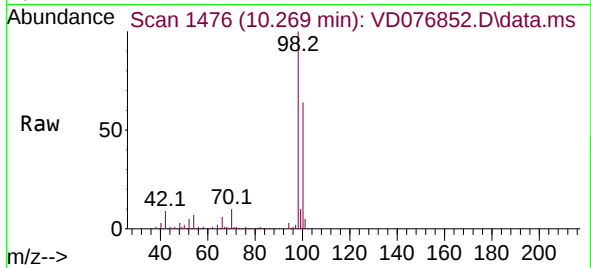




#50
Toluene-d8
Concen: 54.022 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076852.D
Acq: 28 Jul 2023 13:58

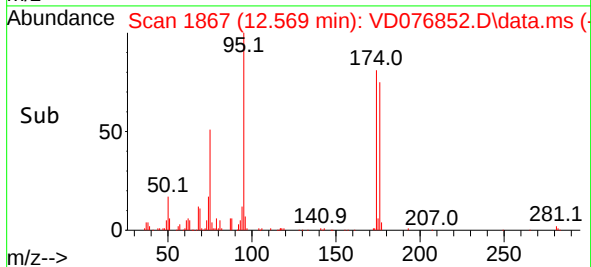
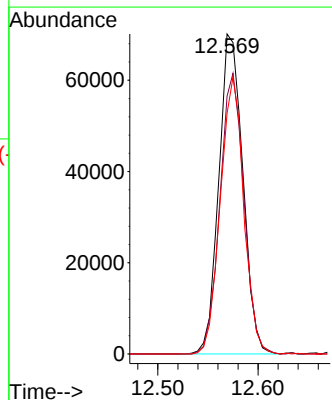
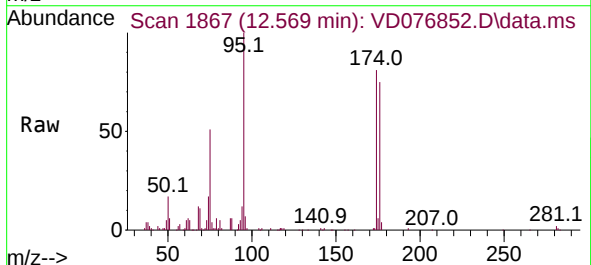
Instrument :
MSVOA_D
ClientSampleId :
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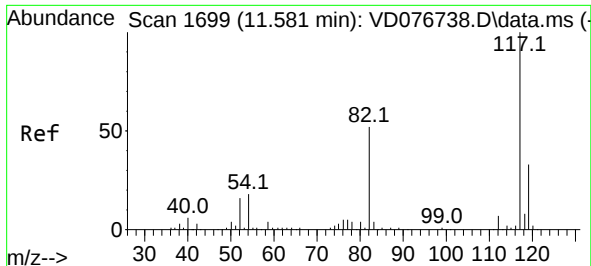
Tgt Ion: 98 Resp: 412623
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.158 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076852.D
Acq: 28 Jul 2023 13:58

Tgt Ion: 95 Resp: 116523
Ion Ratio Lower Upper
95 100
174 87.3 0.0 201.8
176 84.3 0.0 191.8

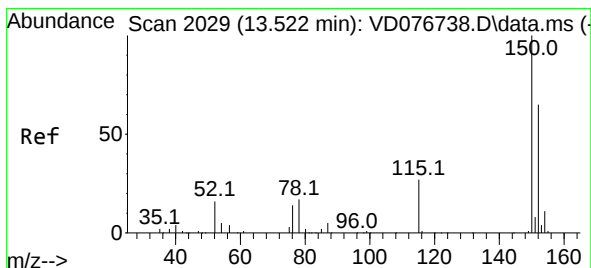
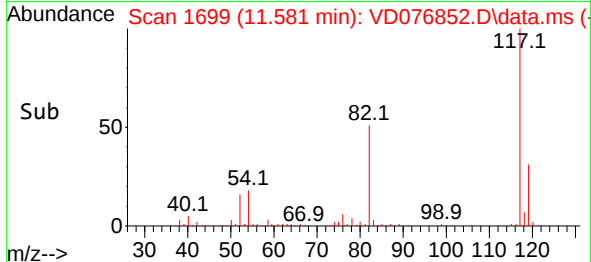
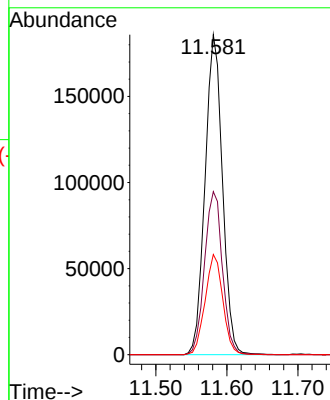
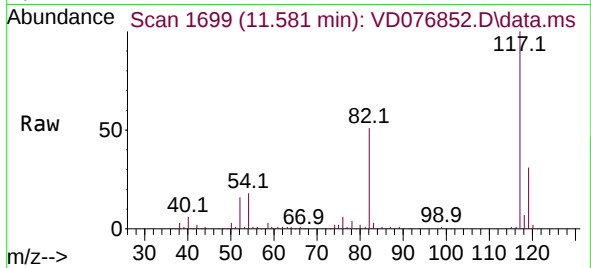




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076852.D
Acq: 28 Jul 2023 13:58

Instrument :
MSVOA_D
ClientSampleId :
HOWE-1-LP

Tgt Ion:117 Resp: 317048
Ion Ratio Lower Upper
117 100
82 50.9 38.3 57.5
119 31.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076852.D
Acq: 28 Jul 2023 13:58

Tgt Ion:152 Resp: 135422
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 154.8 0.0 353.6

