

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077377.D
 Acq On : 23 Oct 2023 11:28
 Operator : JC/SY
 Sample : VD1023SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1023SBL01

Quant Time: Oct 23 23:38:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	153294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	284641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	106474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73002	53.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.660%
35) Dibromofluoromethane	7.810	113	86975	43.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.980%
50) Toluene-d8	10.269	98	283258	39.552	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.100%
62) 4-Bromofluorobenzene	12.575	95	71721	34.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.580%

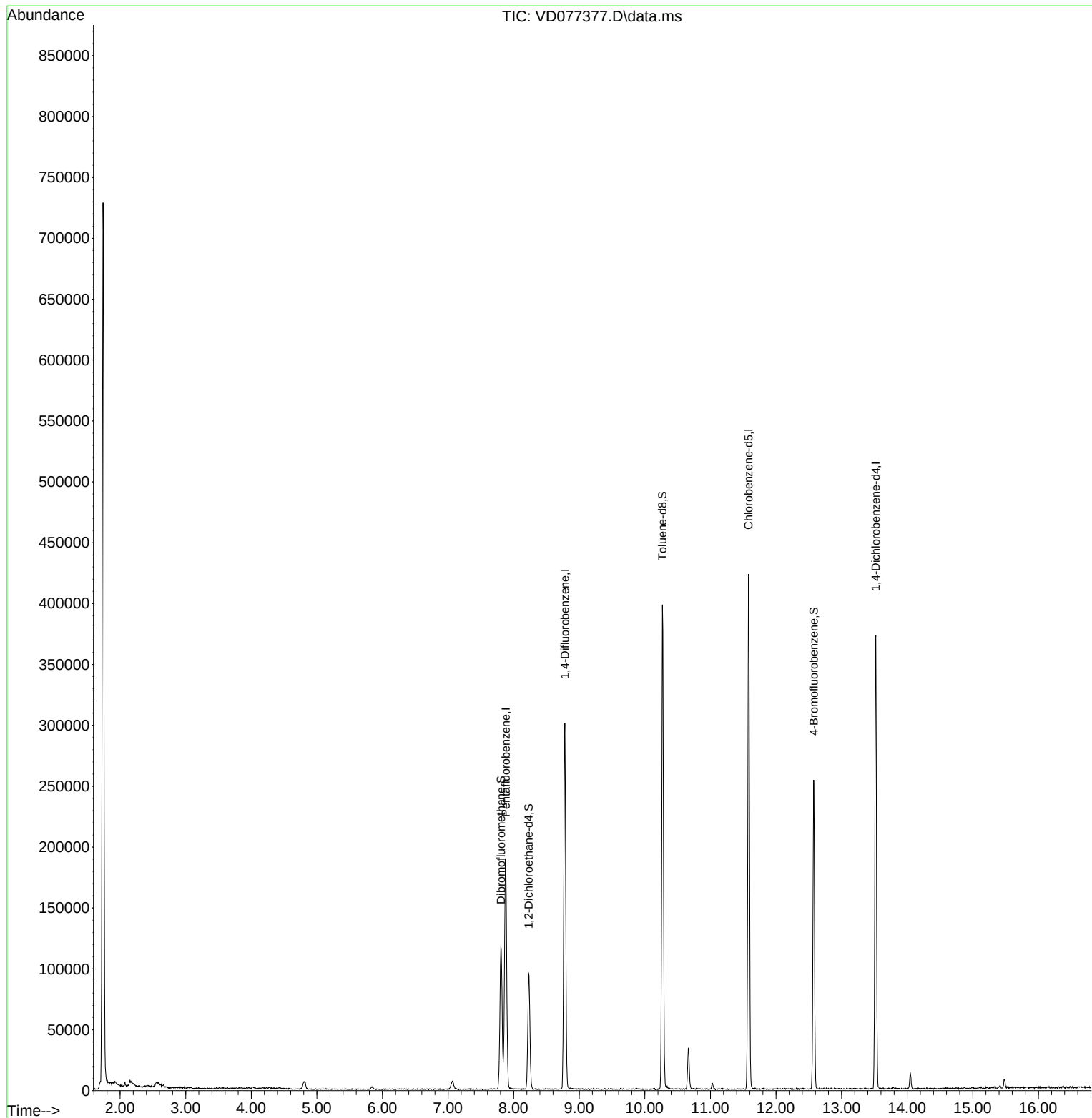
Target Compounds	Qvalue

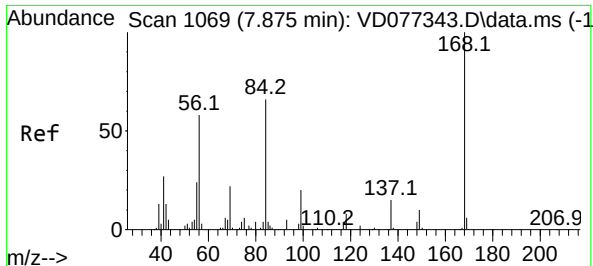
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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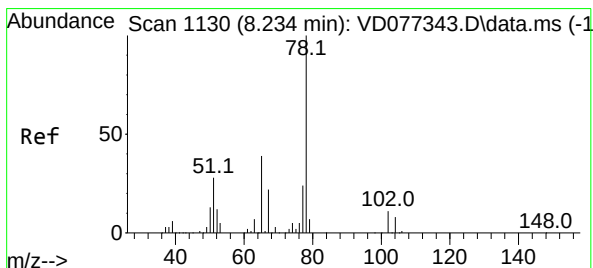
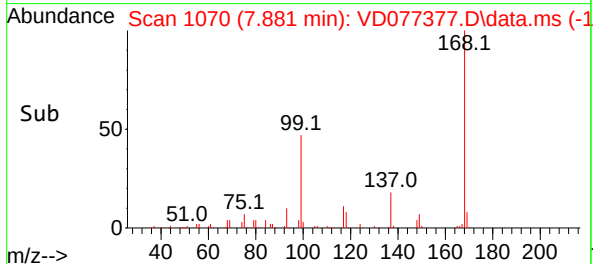
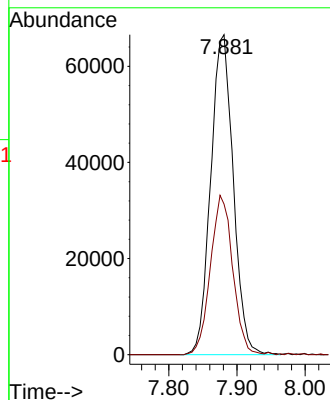
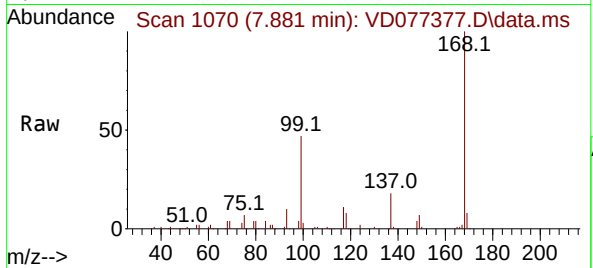




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

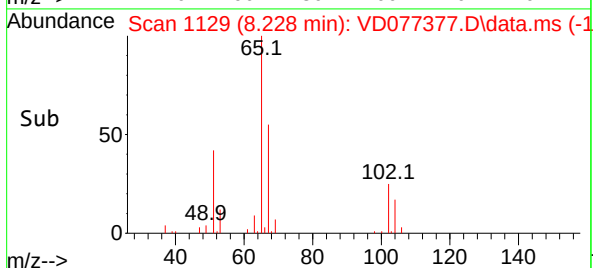
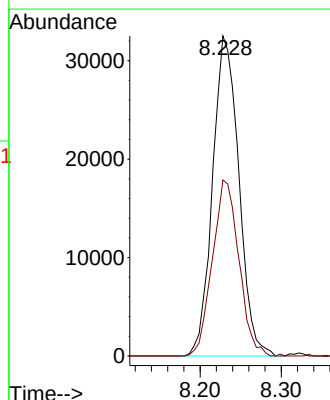
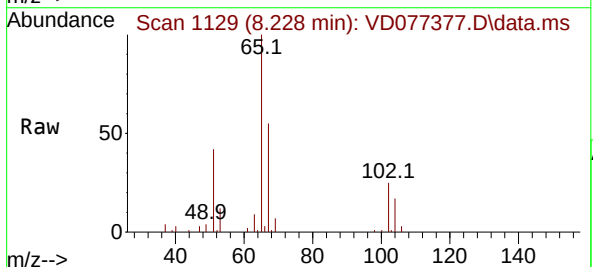
Instrument :
MSVOA_D
ClientSampleId :
VD1023SBL01

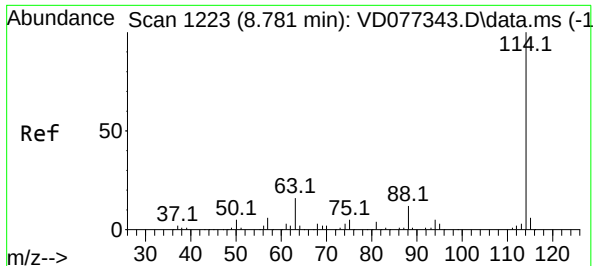
Tgt Ion:168 Resp: 153294
Ion Ratio Lower Upper
168 100
99 47.1 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 53.332 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

Tgt Ion: 65 Resp: 73002
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077377.D

Acq: 23 Oct 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

VD1023SBL01

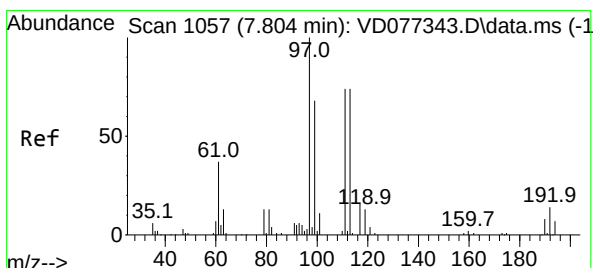
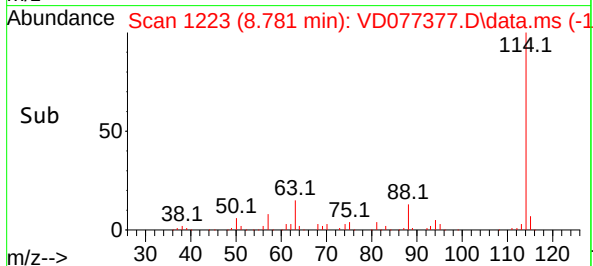
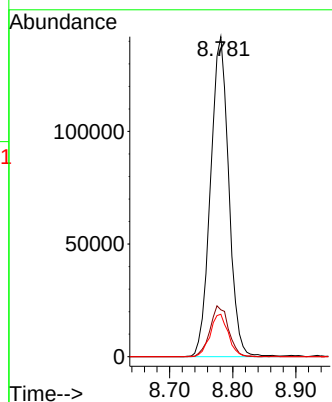
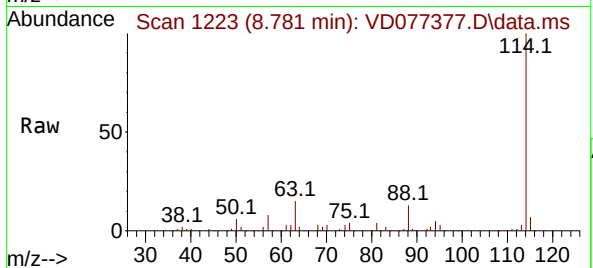
Tgt Ion:114 Resp: 284641

Ion Ratio Lower Upper

114 100

63 14.6 0.0 33.4

88 13.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.493 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077377.D

Acq: 23 Oct 2023 11:28

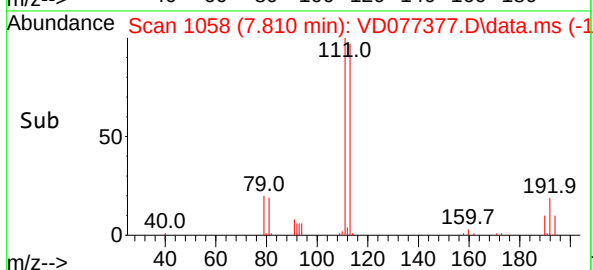
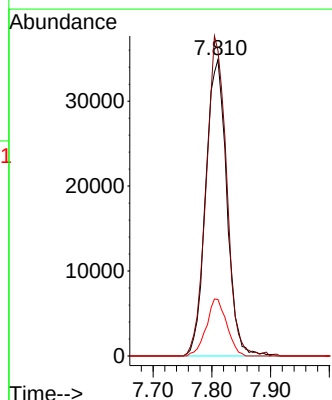
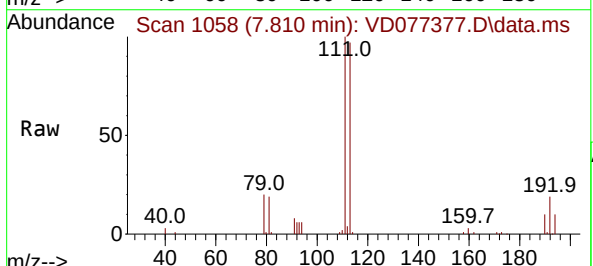
Tgt Ion:113 Resp: 86975

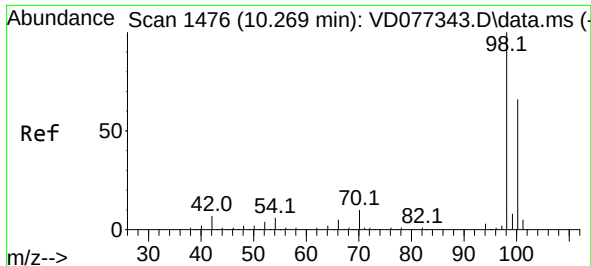
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 18.6 16.8 25.2

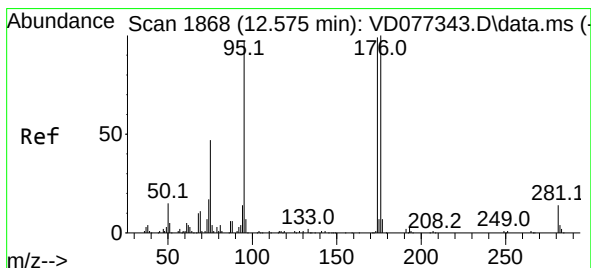
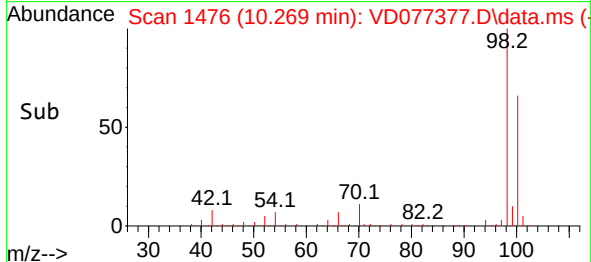
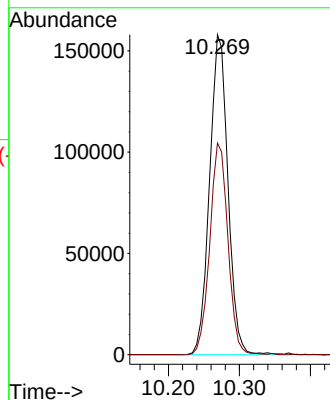
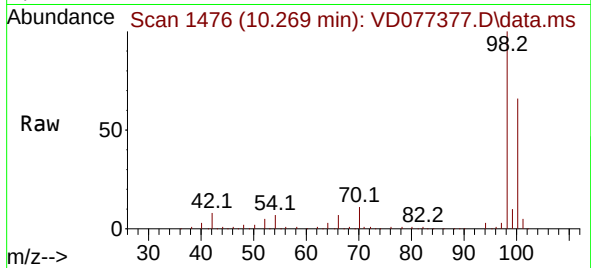




#50
Toluene-d8
Concen: 39.552 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

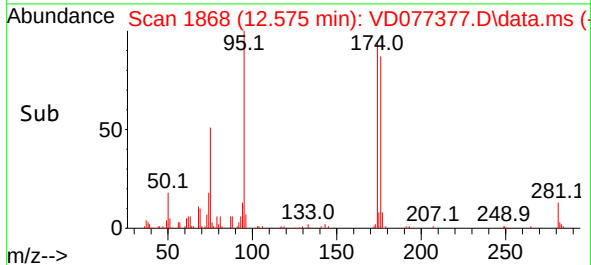
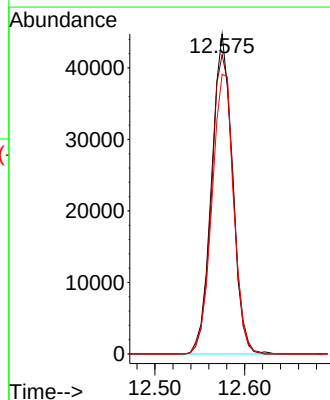
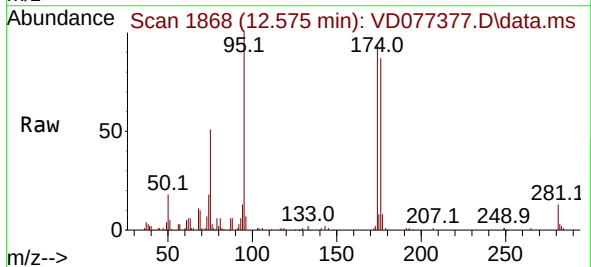
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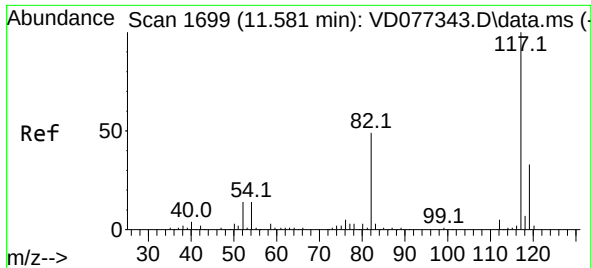
Tgt Ion: 98 Resp: 283258
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 34.790 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

Tgt Ion: 95 Resp: 71721
Ion Ratio Lower Upper
95 100
174 98.1 0.0 201.8
176 91.8 0.0 191.8

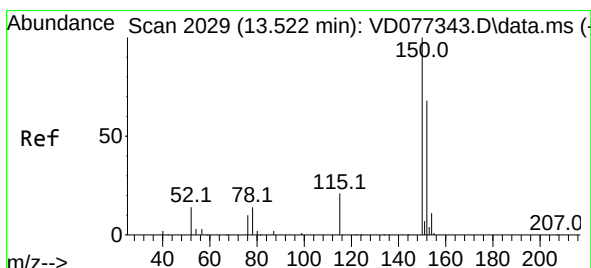
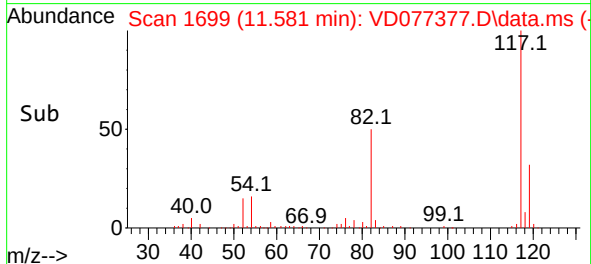
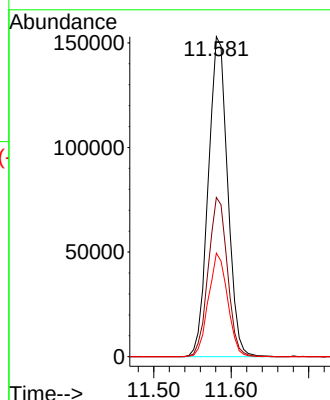
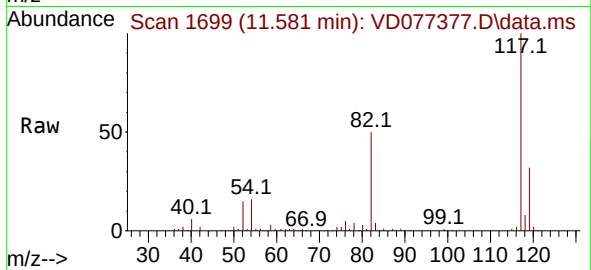




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :
VD1023SBL01

Tgt Ion:117 Resp: 264624
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 32.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077377.D
Acq: 23 Oct 2023 11:28

Tgt Ion:152 Resp: 106474
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 161.6 0.0 353.6

