

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077237.D
 Acq On : 28 Sep 2023 18:45
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 29 02:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	283899	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	626631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	816047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	440505	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	135364	47.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.500%
35) Dibromofluoromethane	7.804	113	191489	43.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.980%
50) Toluene-d8	10.269	98	836485	53.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.575	95	369355	76.920	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	153.840%#

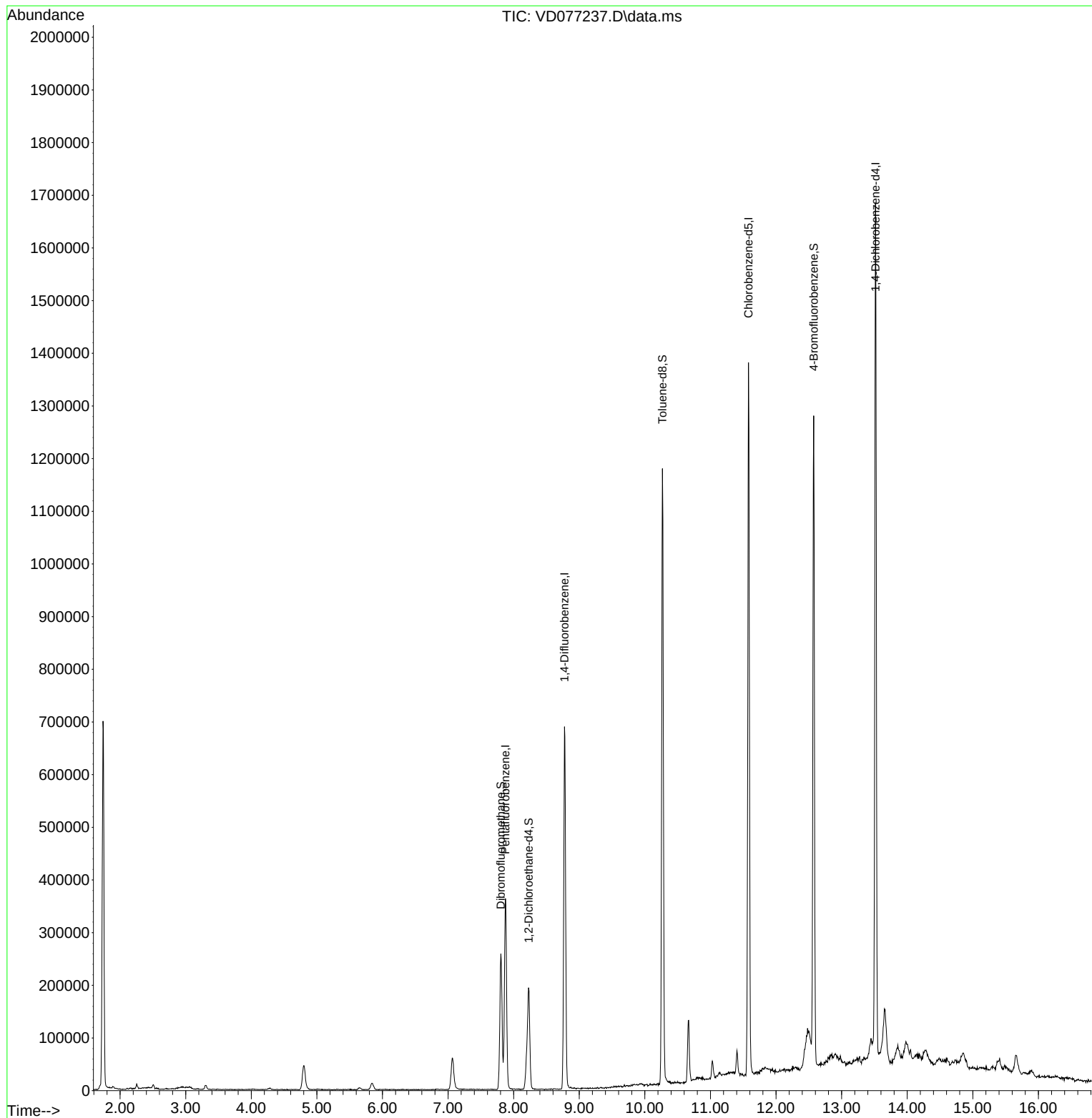
Target Compounds	Qvalue

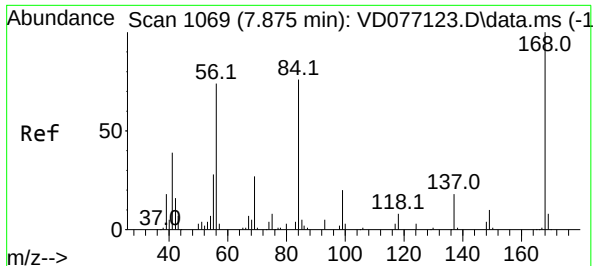
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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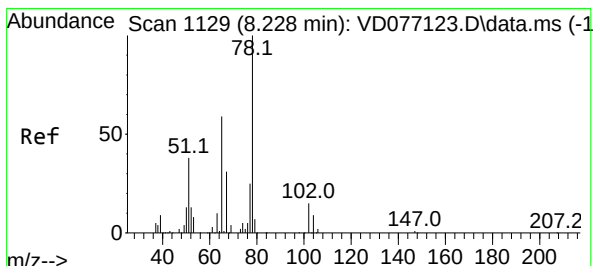
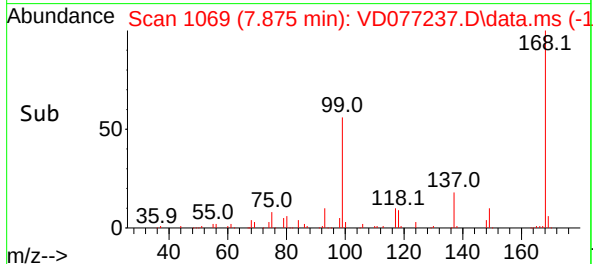
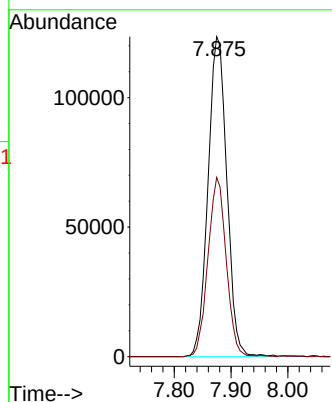
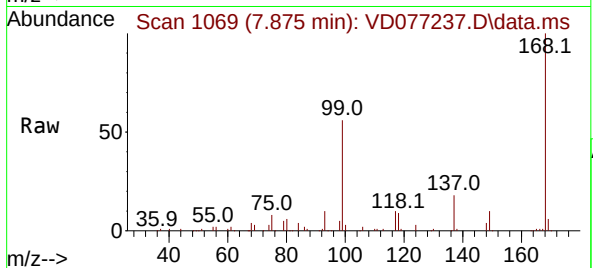




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077237.D
Acq: 28 Sep 2023 18:45

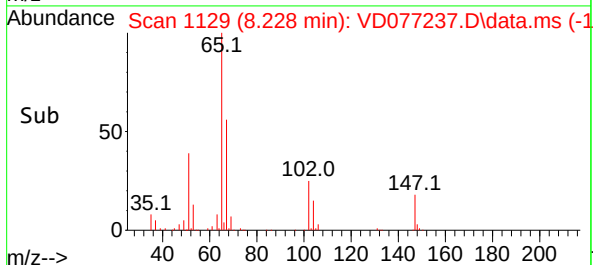
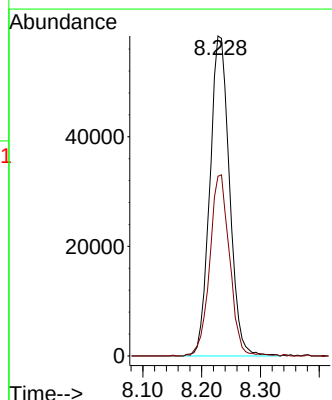
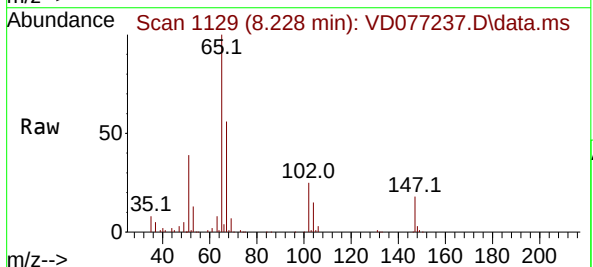
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

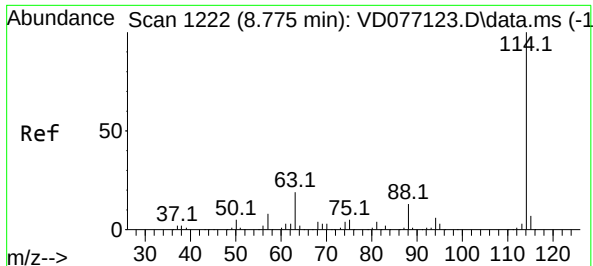
Tgt Ion:168 Resp: 283899
Ion Ratio Lower Upper
168 100
99 56.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 47.245 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077237.D
Acq: 28 Sep 2023 18:45

Tgt Ion: 65 Resp: 135364
Ion Ratio Lower Upper
65 100
67 57.1 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: VD077237.D

Acq: 28 Sep 2023 18:45

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

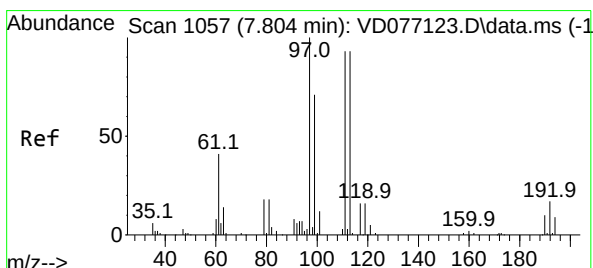
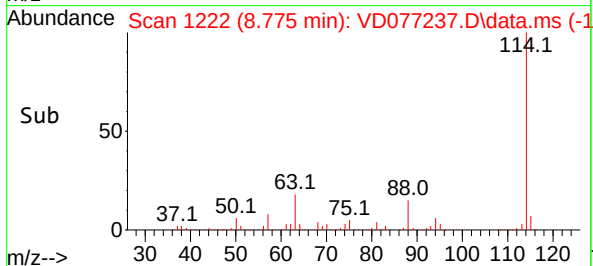
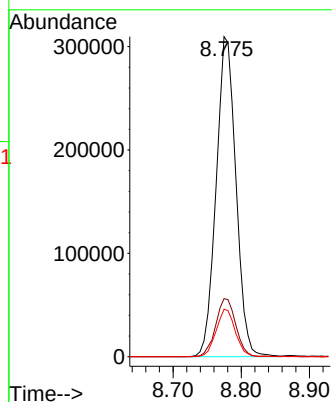
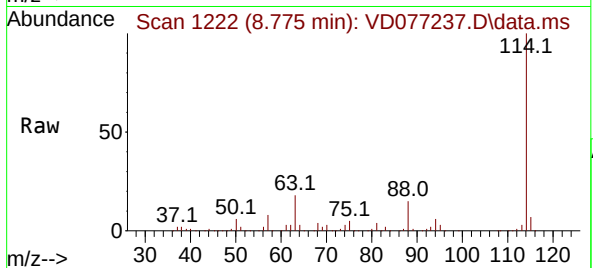
Tgt Ion:114 Resp: 626631

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 43.995 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD077237.D

Acq: 28 Sep 2023 18:45

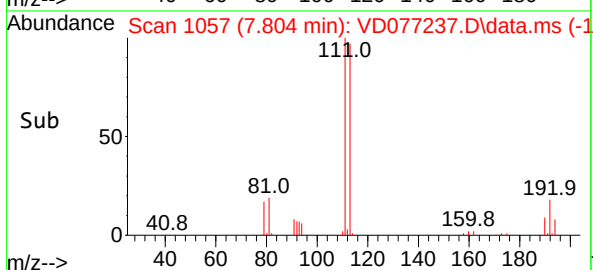
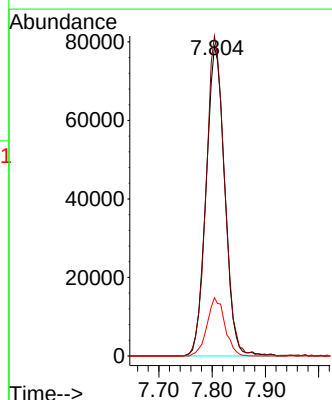
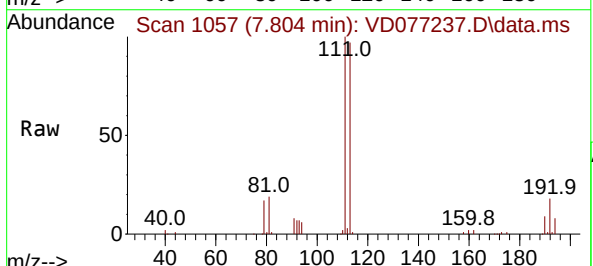
Tgt Ion:113 Resp: 191489

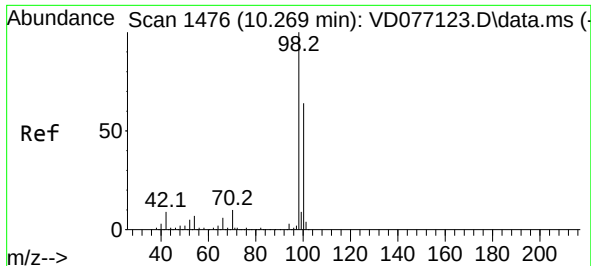
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 18.0 16.8 25.2

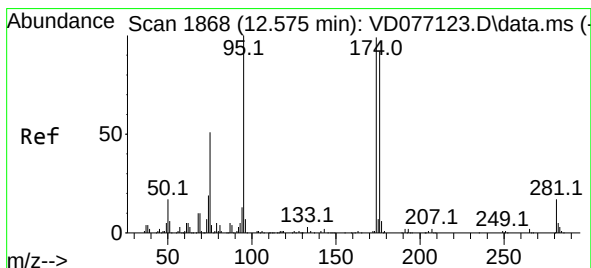
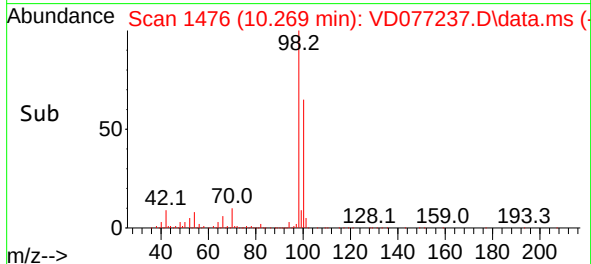
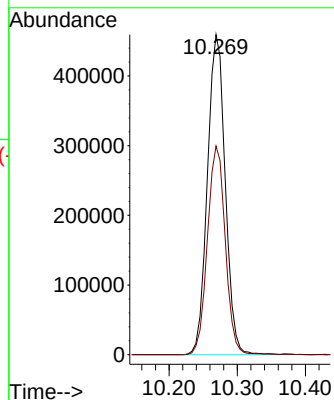
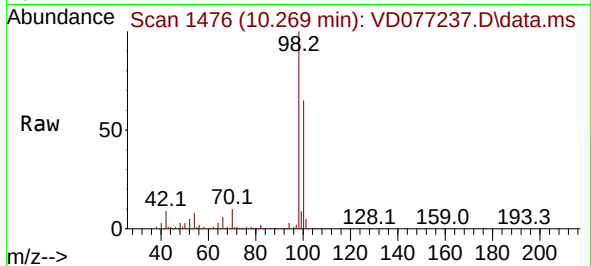




#50
Toluene-d8
Concen: 53.993 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077237.D
Acq: 28 Sep 2023 18:45

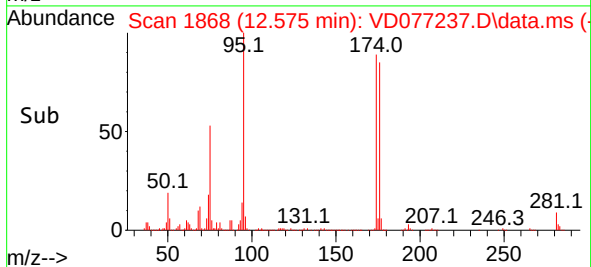
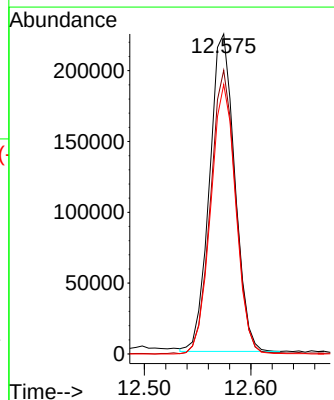
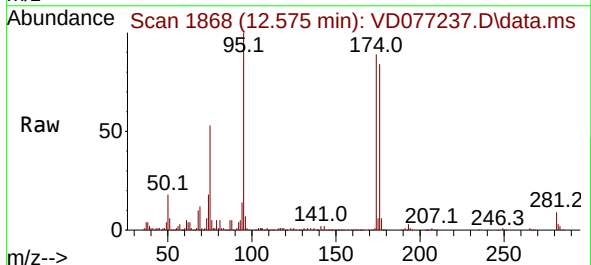
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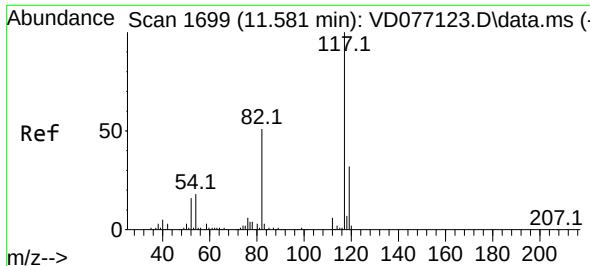
Tgt Ion: 98 Resp: 836485
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 76.920 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077237.D
Acq: 28 Sep 2023 18:45

Tgt Ion: 95 Resp: 369355
Ion Ratio Lower Upper
95 100
174 89.1 0.0 201.8
176 84.4 0.0 191.8

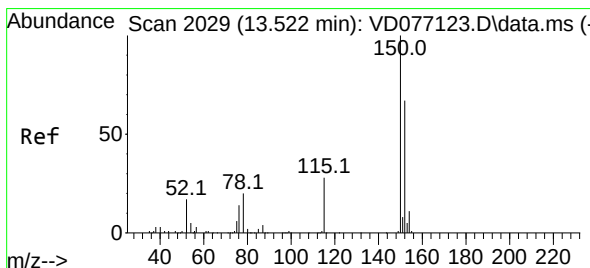
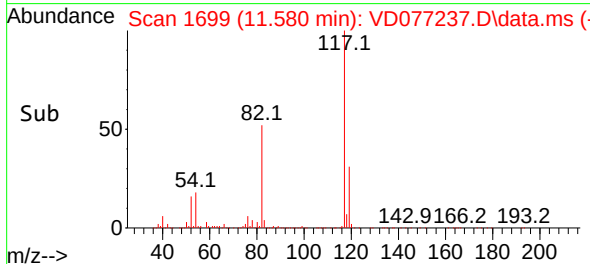
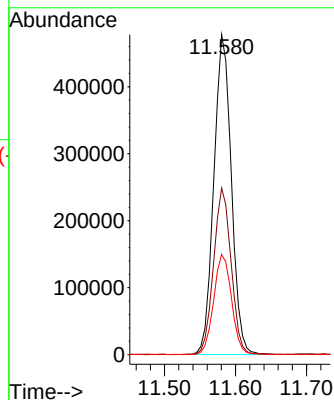
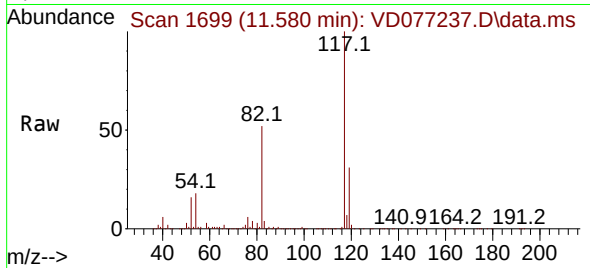




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD077237.D
Acq: 28 Sep 2023 18:45

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 816047
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077237.D
Acq: 28 Sep 2023 18:45

Tgt Ion:152 Resp: 440505
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 156.1 0.0 353.6

