

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077389.D
 Acq On : 24 Oct 2023 12:26
 Operator : JC/SY
 Sample : VD1024SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1024SBL01

Quant Time: Oct 25 04:02:30 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	7.875	168	153240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	282008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107577	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72517	52.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.000%
35) Dibromofluoromethane	7.805	113	88084	44.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.920%
50) Toluene-d8	10.269	98	281571	39.684	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.360%
62) 4-Bromofluorobenzene	12.575	95	72330	35.413	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.820%

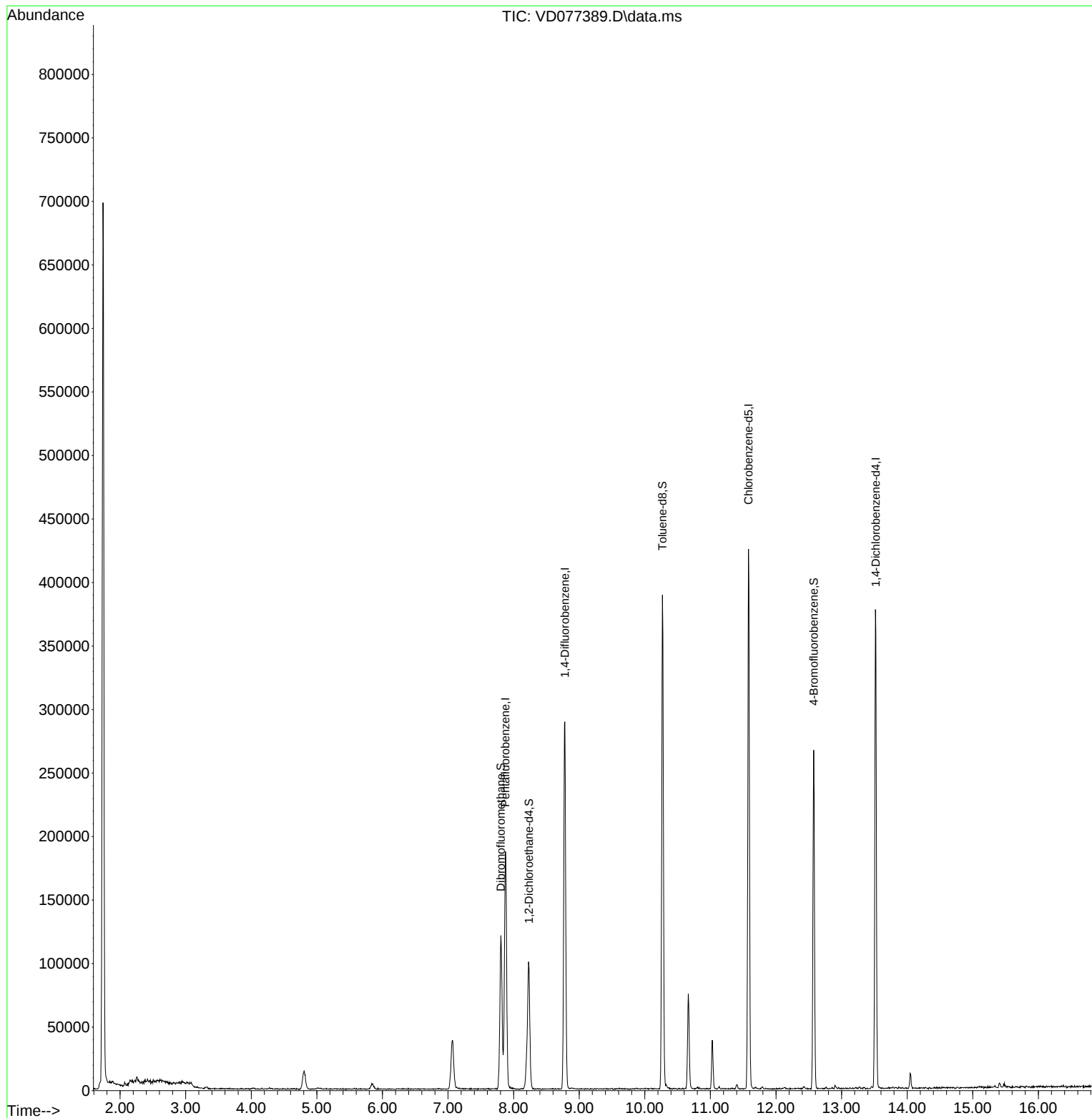
Target Compounds	Qvalue

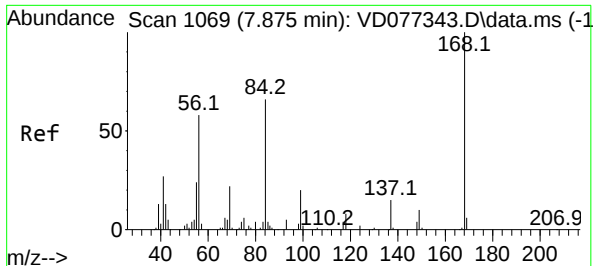
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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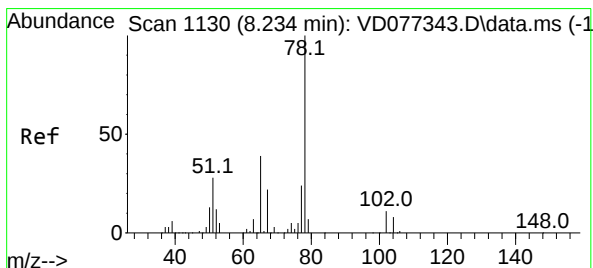
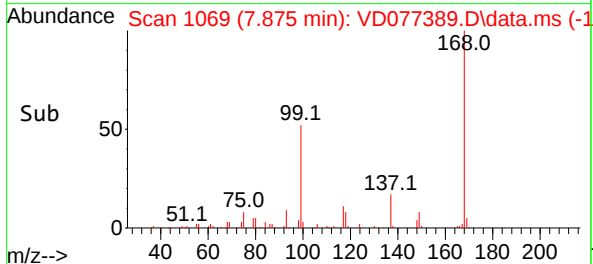
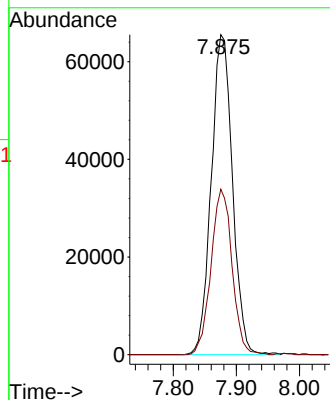
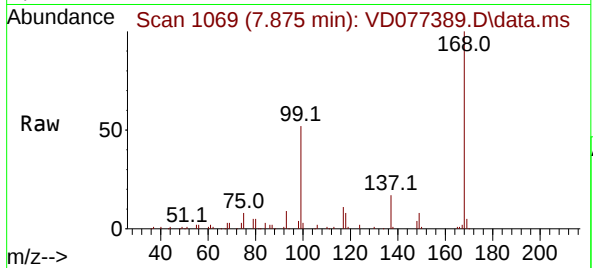




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

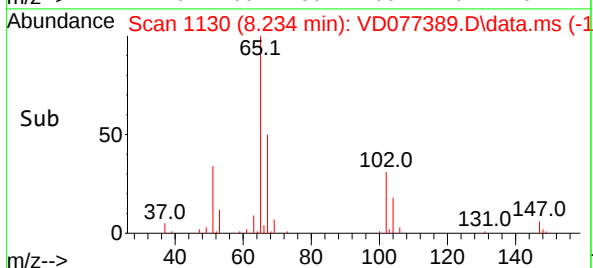
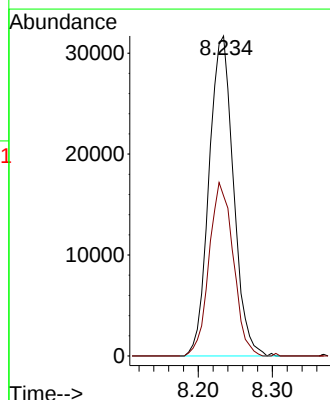
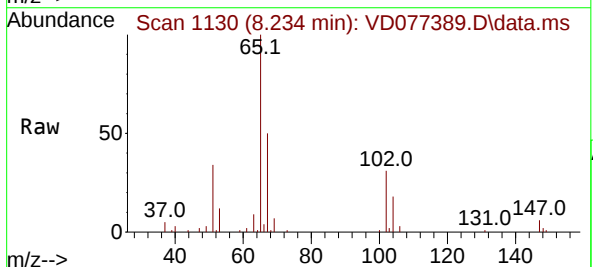
Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

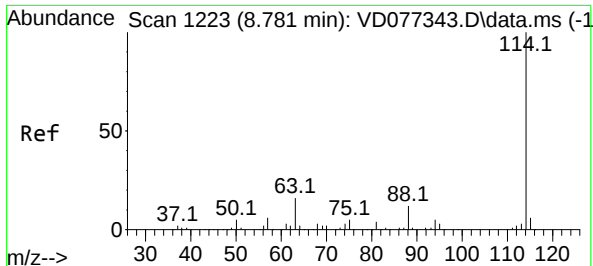
Tgt Ion:168 Resp: 153240
Ion Ratio Lower Upper
168 100
99 51.7 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.996 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Tgt Ion: 65 Resp: 72517
Ion Ratio Lower Upper
65 100
67 53.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077389.D

Acq: 24 Oct 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

VD1024SBL01

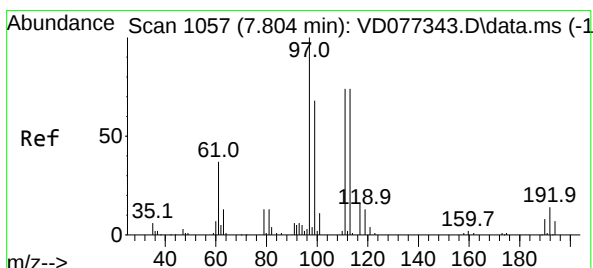
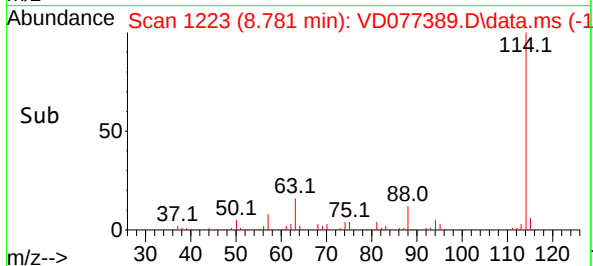
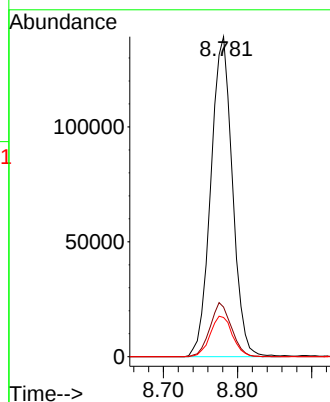
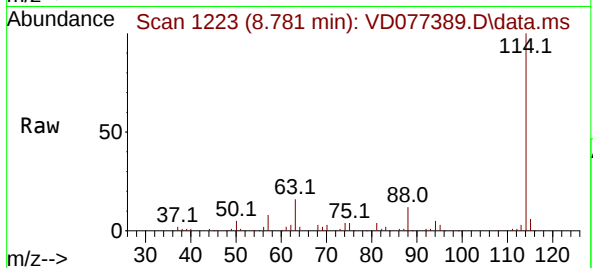
Tgt Ion:114 Resp: 282008

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.4

88 12.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 44.459 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077389.D

Acq: 24 Oct 2023 12:26

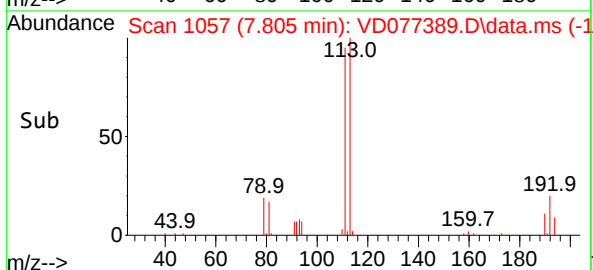
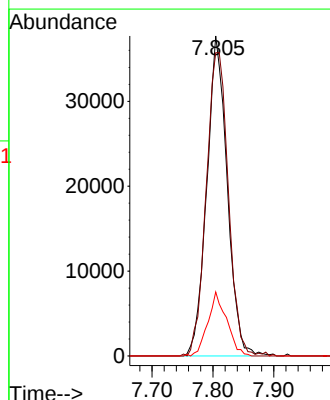
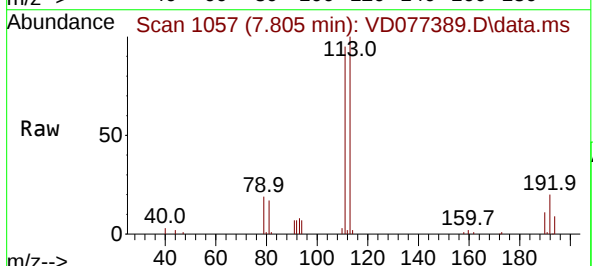
Tgt Ion:113 Resp: 88084

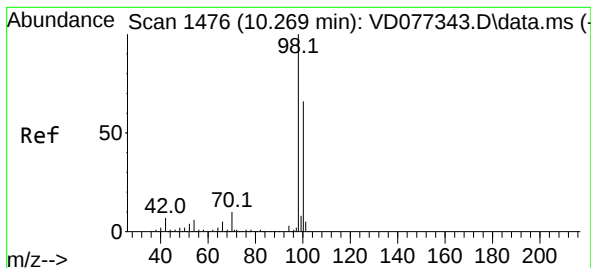
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 18.5 16.8 25.2





#50

Toluene-d8

Concen: 39.684 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077389.D

Acq: 24 Oct 2023 12:26

Instrument :

MSVOA_D

ClientSampleId :

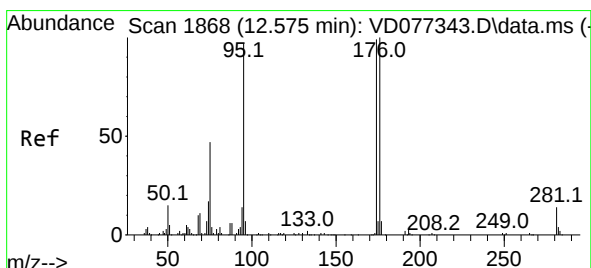
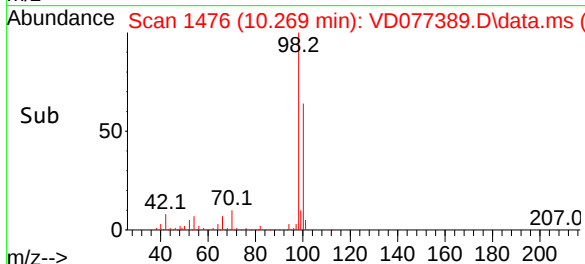
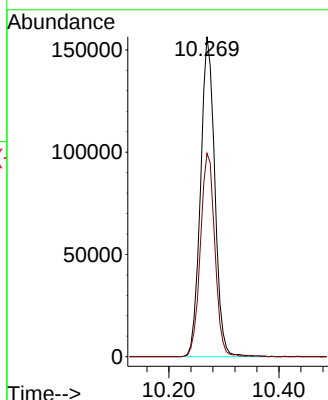
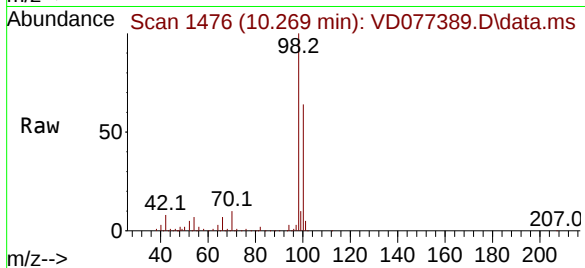
VD1024SBL01

Tgt Ion: 98 Resp: 281571

Ion Ratio Lower Upper

98 100

100 64.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 35.413 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD077389.D

Acq: 24 Oct 2023 12:26

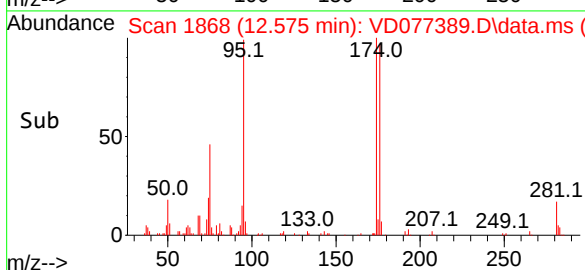
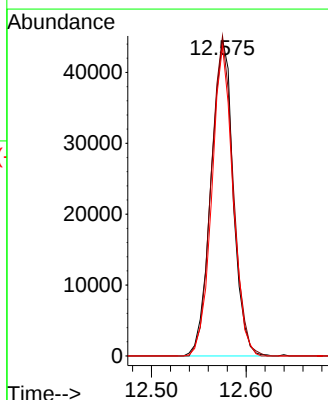
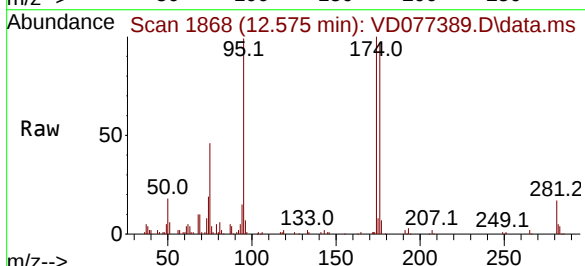
Tgt Ion: 95 Resp: 72330

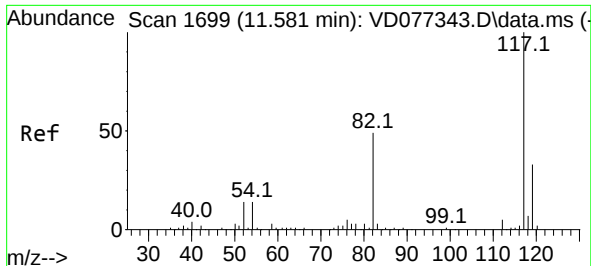
Ion Ratio Lower Upper

95 100

174 100.6 0.0 201.8

176 93.4 0.0 191.8

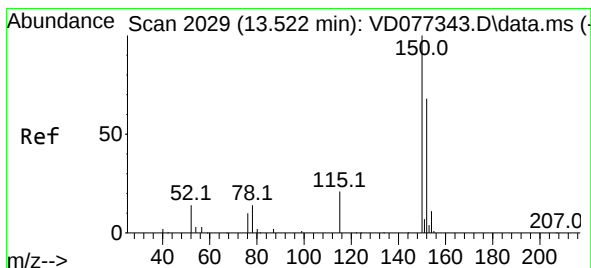
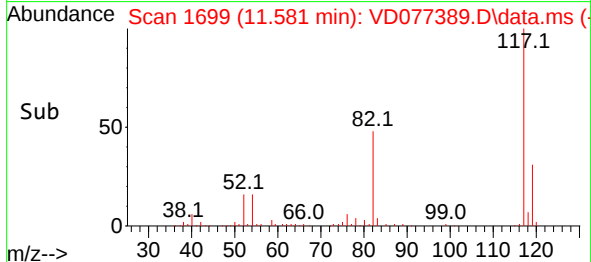
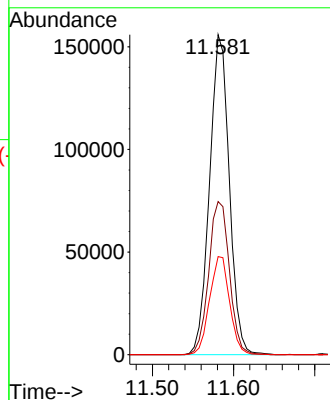
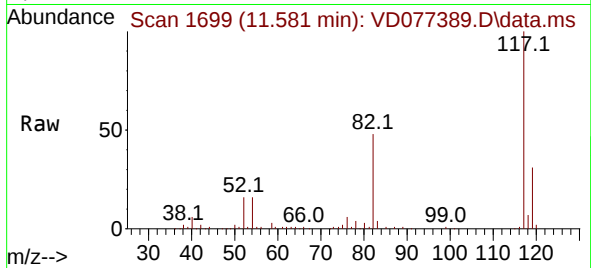




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077389.D
Acq: 24 Oct 2023 12:26

Instrument :
MSVOA_D
ClientSampleId :
VD1024SBL01

Tgt Ion:117 Resp: 263017
Ion Ratio Lower Upper
117 100
82 47.8 38.3 57.5
119 30.7 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: VD077389.D
Acq: 24 Oct 2023 12:26

Tgt Ion:152 Resp: 107577
Ion Ratio Lower Upper
152 100
115 55.7 27.1 81.3
150 158.1 0.0 353.6

