

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077320.D
 Acq On : 12 Oct 2023 16:42
 Operator : JC/SY
 Sample : 04837-05RE
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-290RE

Quant Time: Oct 13 02:32:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	189602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	442114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	569283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	275174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95826	64.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.580%
35) Dibromofluoromethane	7.810	113	133424	57.955	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.900%
50) Toluene-d8	10.269	98	573515	74.292	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	148.580%#
62) 4-Bromofluorobenzene	12.575	95	244749	94.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	188.800%#

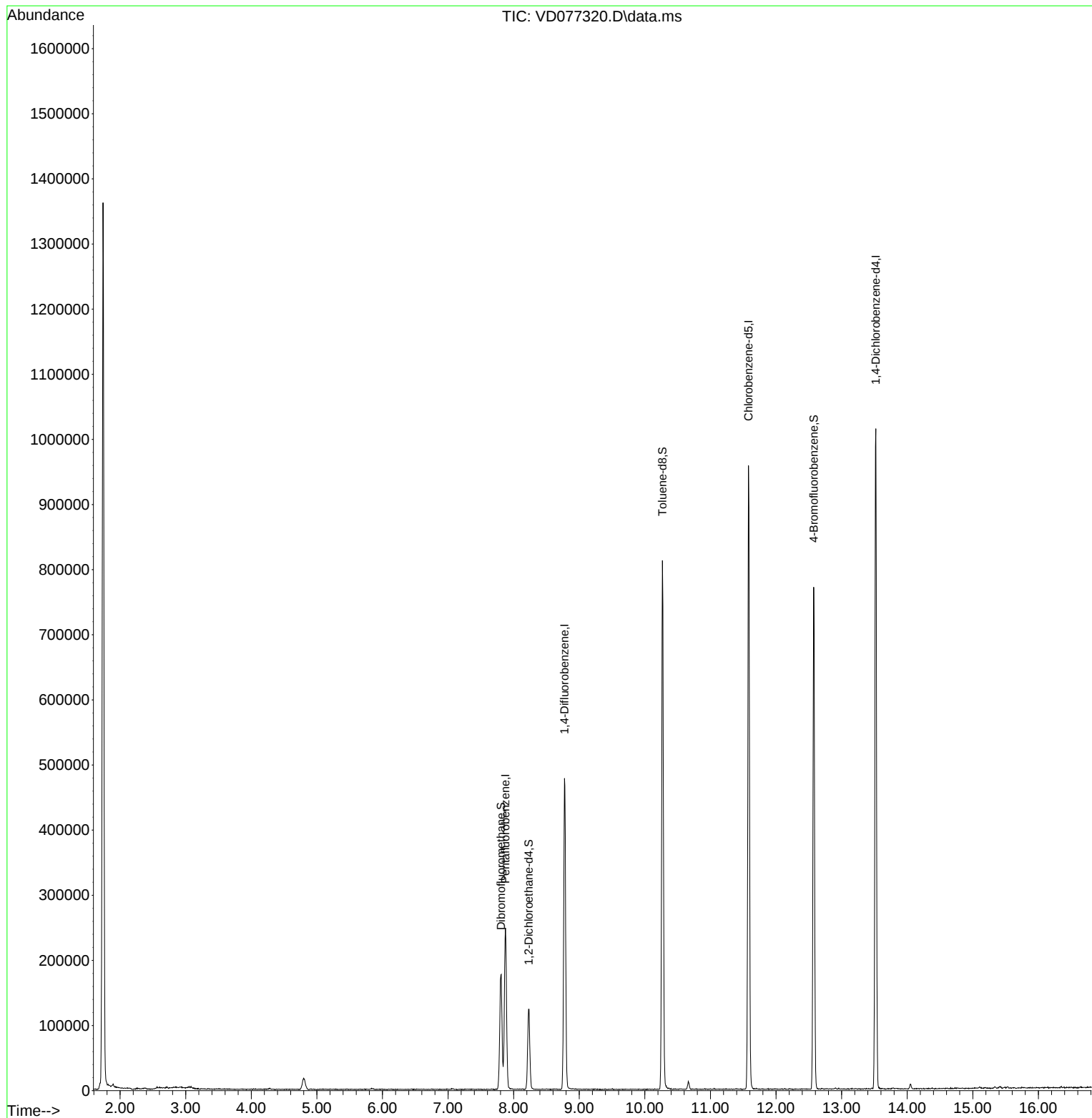
Target Compounds	Qvalue

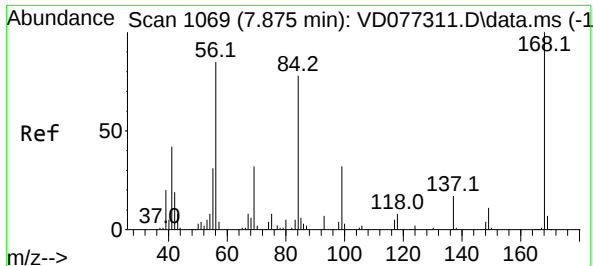
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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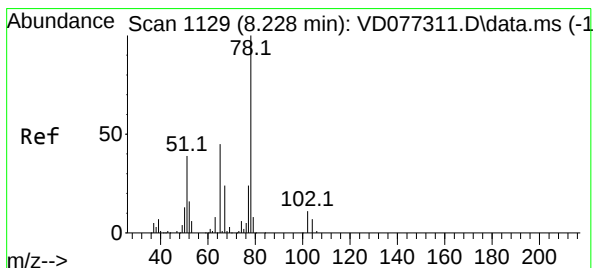
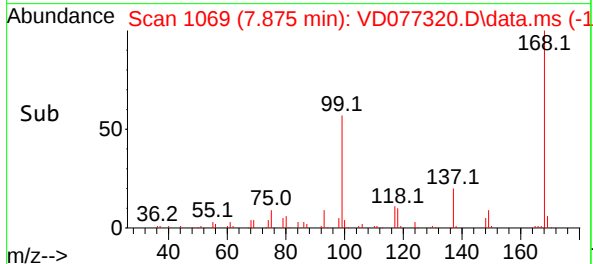
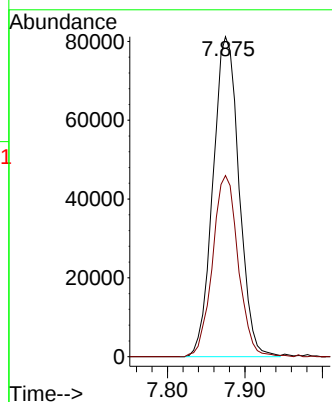
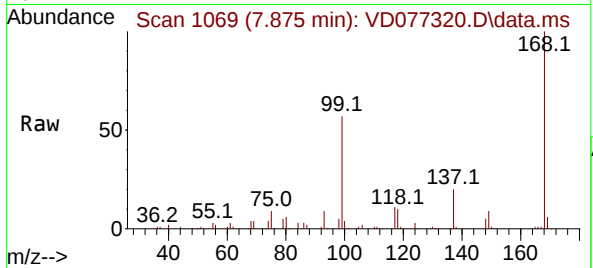




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077320.D
Acq: 12 Oct 2023 16:42

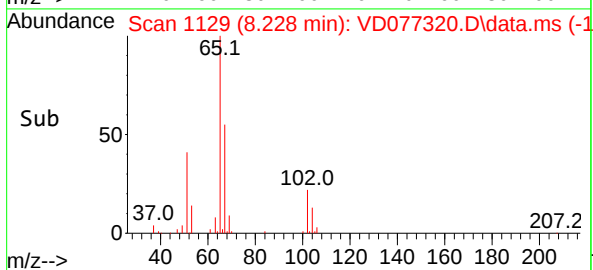
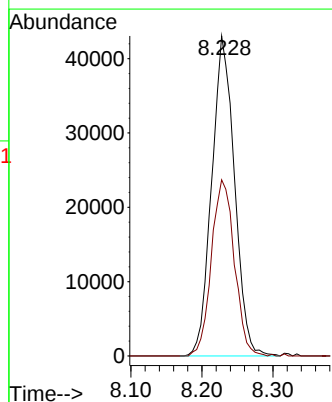
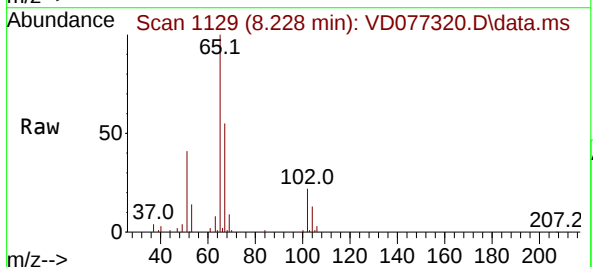
Instrument :
MSVOA_D
ClientSampleId :
ETGI-290RE

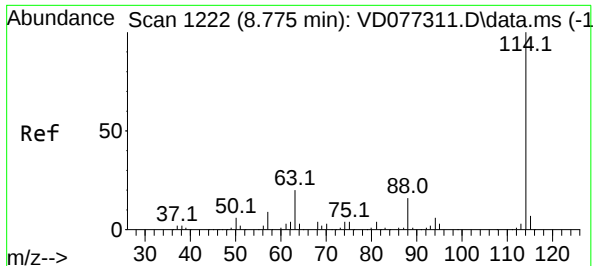
Tgt Ion:168 Resp: 189602
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 64.286 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077320.D
Acq: 12 Oct 2023 16:42

Tgt Ion: 65 Resp: 95826
Ion Ratio Lower Upper
65 100
67 55.6 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: VD077320.D

Acq: 12 Oct 2023 16:42

Instrument :

MSVOA_D

ClientSampleId :

ETGI-290RE

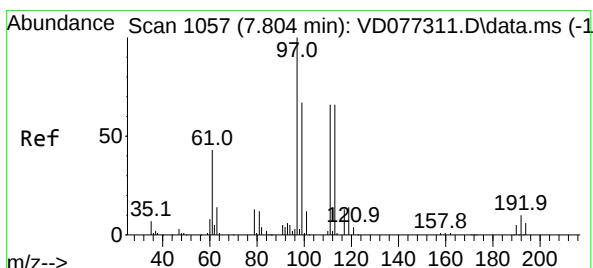
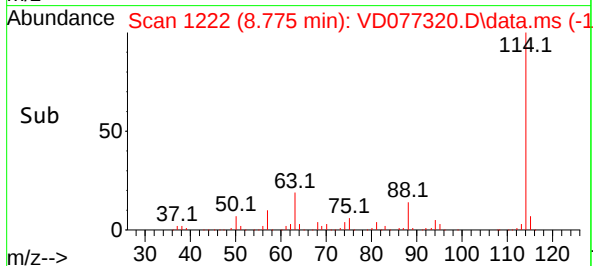
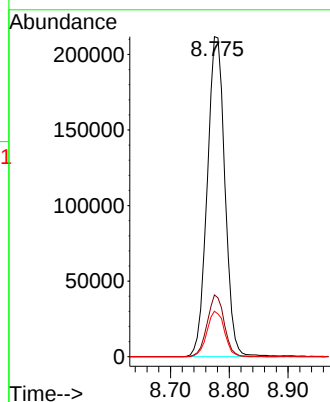
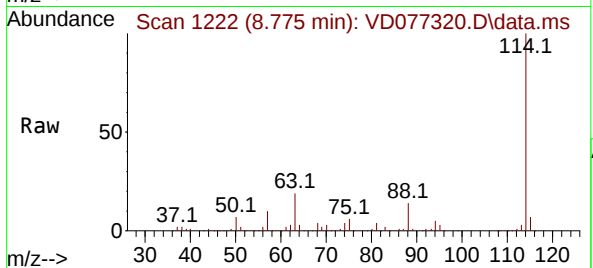
Tgt Ion:114 Resp: 442114

Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 14.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 57.955 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077320.D

Acq: 12 Oct 2023 16:42

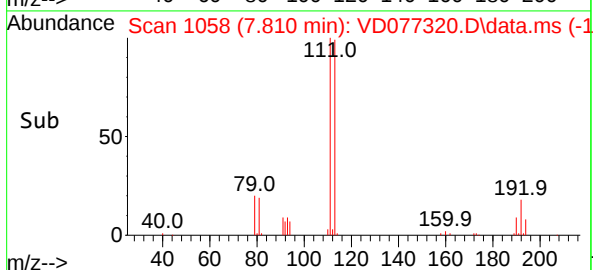
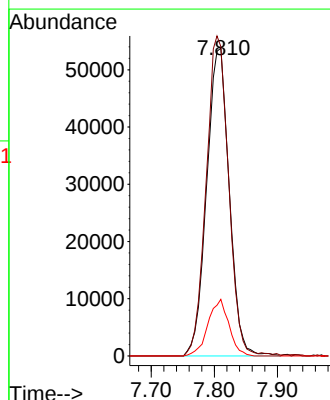
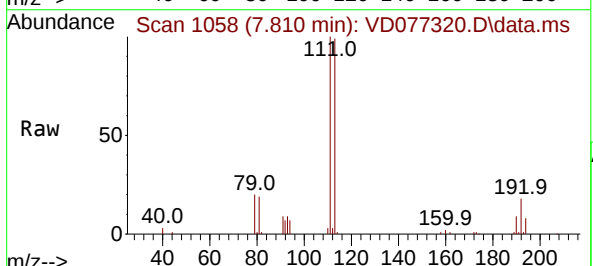
Tgt Ion:113 Resp: 133424

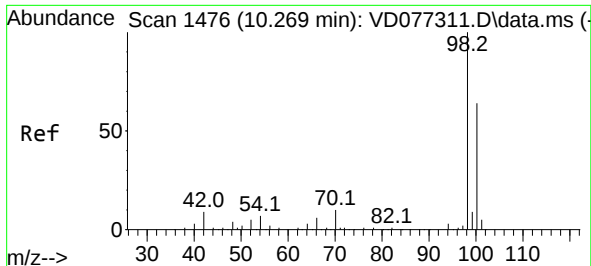
Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 17.1 16.8 25.2

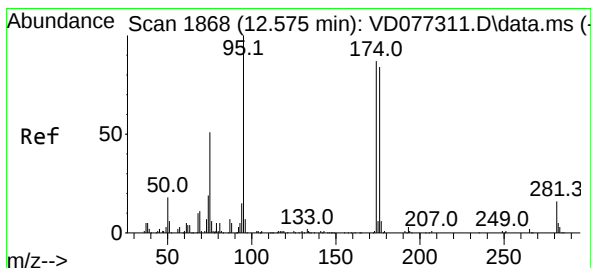
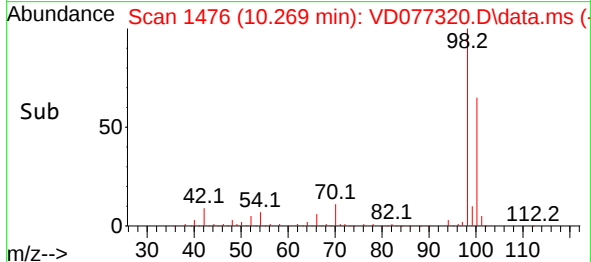
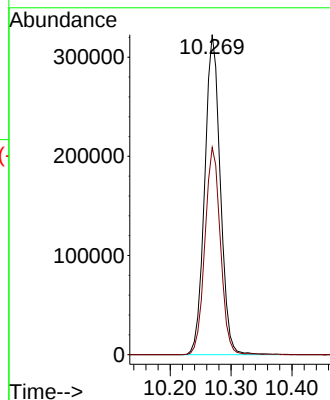
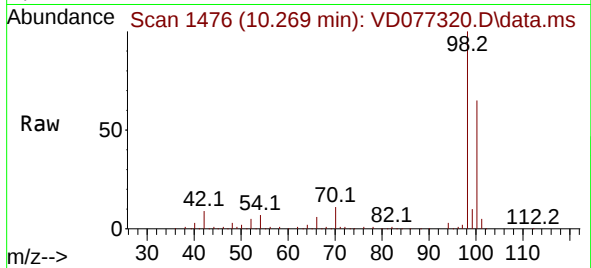




#50
Toluene-d8
Concen: 74.292 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077320.D
Acq: 12 Oct 2023 16:42

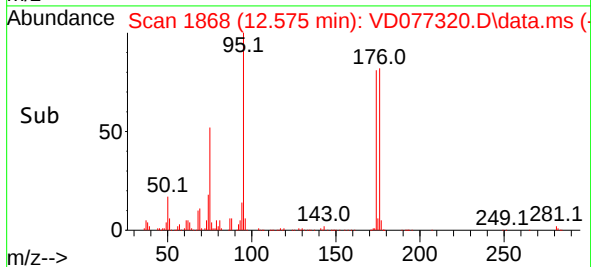
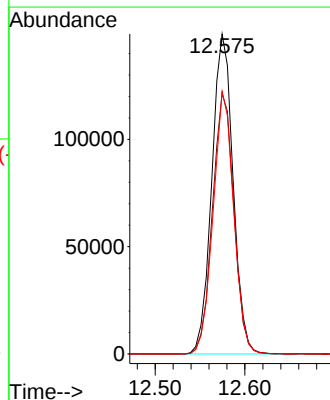
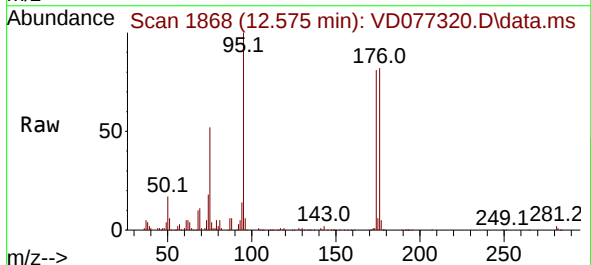
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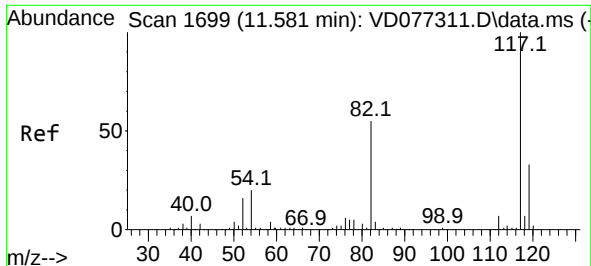
Tgt Ion: 98 Resp: 573515
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 94.396 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077320.D
Acq: 12 Oct 2023 16:42

Tgt Ion: 95 Resp: 244749
Ion Ratio Lower Upper
95 100
174 82.3 0.0 201.8
176 79.5 0.0 191.8

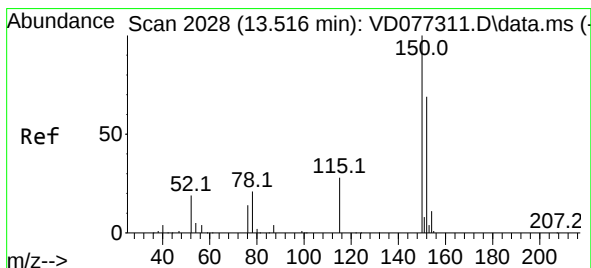
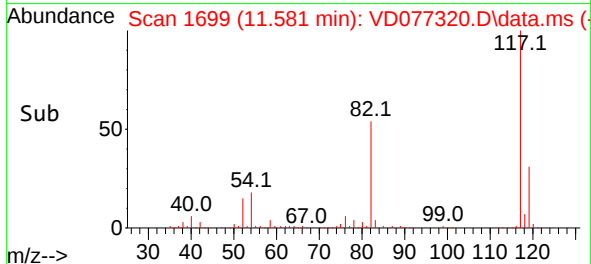
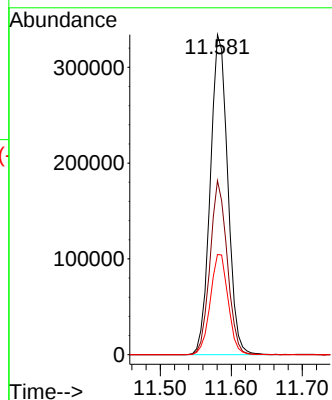
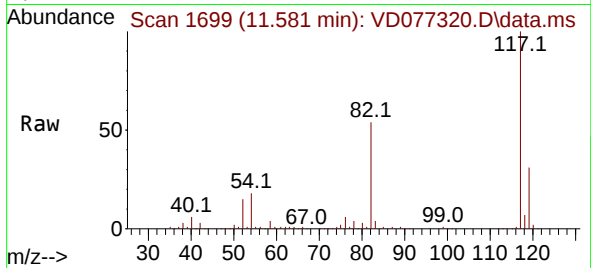




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077320.D
Acq: 12 Oct 2023 16:42

Instrument :
MSVOA_D
ClientSampleId :
ETGI-290RE

Tgt Ion:117 Resp: 569283
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 31.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077320.D
Acq: 12 Oct 2023 16:42

Tgt Ion:152 Resp: 275174
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 159.5 0.0 353.6

