

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076238.D
 Acq On : 25 May 2023 17:38
 Operator : KP/SY
 Sample : 02868-01
 Misc : 4.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP13

Quant Time: May 26 02:00:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	224125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	446440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	412120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	174848	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124513	57.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.804	113	172404	55.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.740%
50) Toluene-d8	10.269	98	508305	42.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.500%
62) 4-Bromofluorobenzene	12.575	95	179579	53.740	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.480%

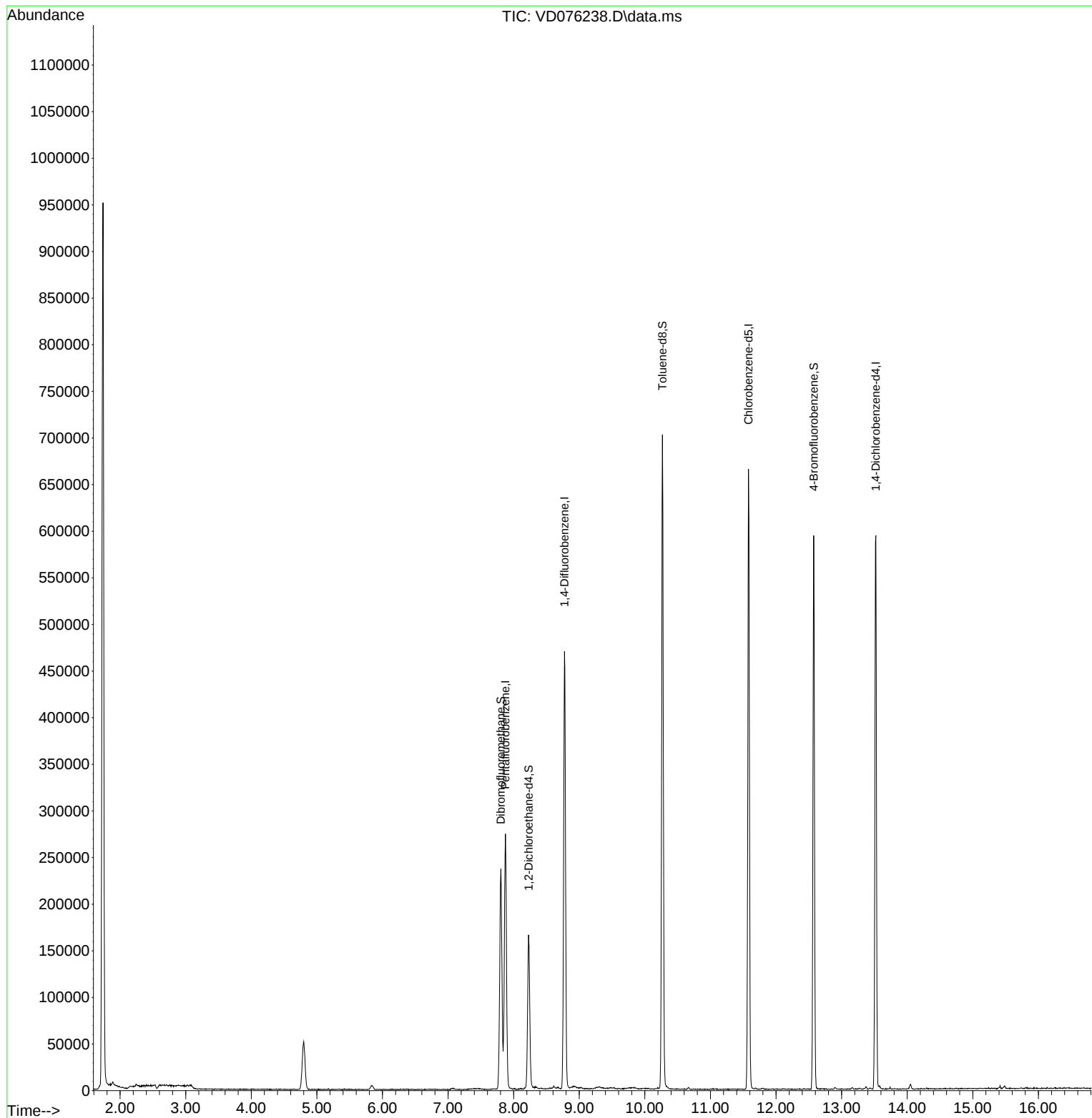
Target Compounds	Qvalue

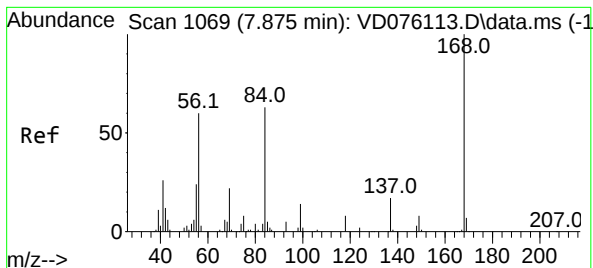
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076238.D

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Instrument :

MSVOA_D

ClientSampleId :

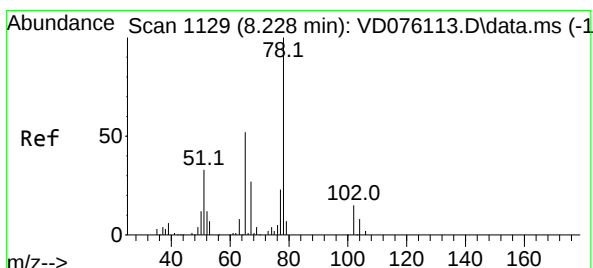
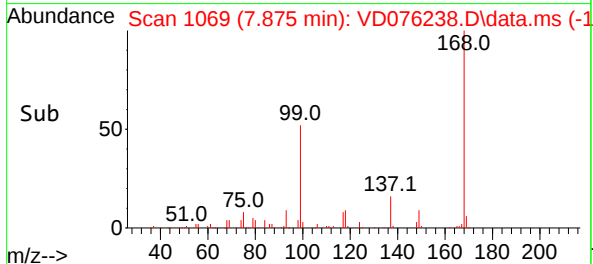
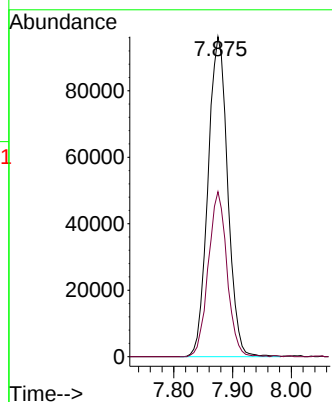
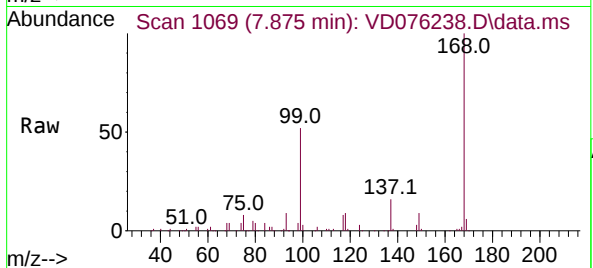
TP13

Tgt Ion:168 Resp: 224125

Ion Ratio Lower Upper

168 100

99 51.6 43.8 65.6



#33

1,2-Dichloroethane-d4

Concen: 57.482 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076238.D

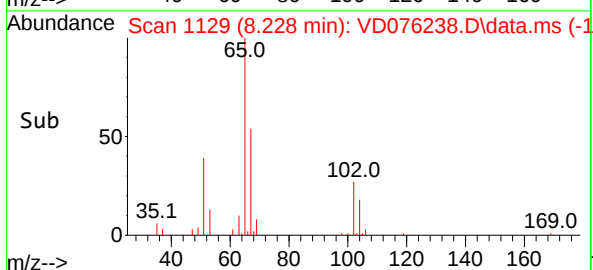
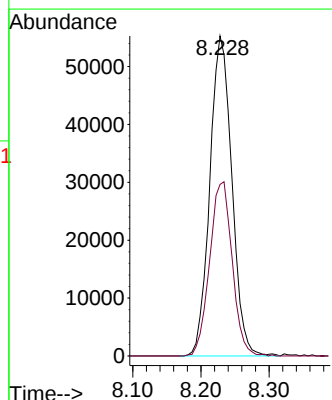
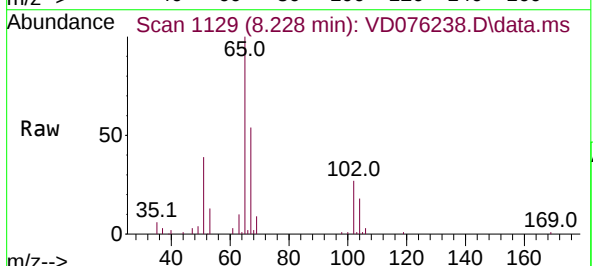
Acq: 25 May 2023 17:38

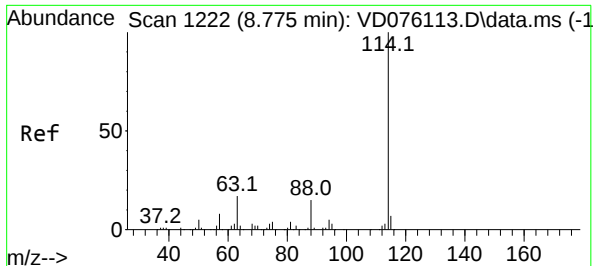
Tgt Ion: 65 Resp: 124513

Ion Ratio Lower Upper

65 100

67 55.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076238.D

Acq: 25 May 2023 17:38

Instrument :

MSVOA_D

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TP13

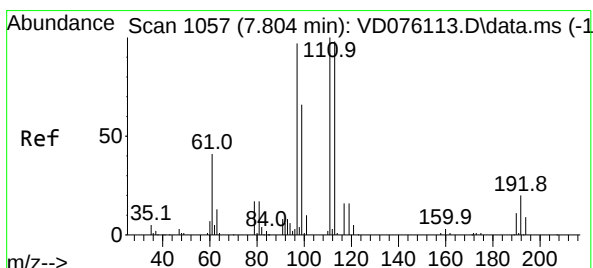
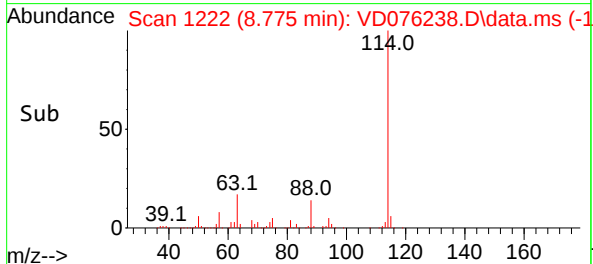
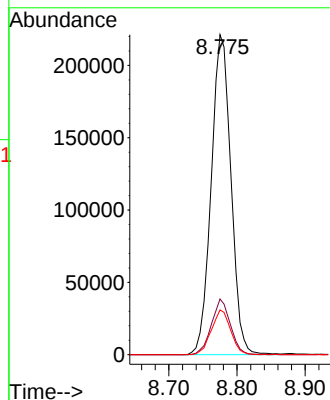
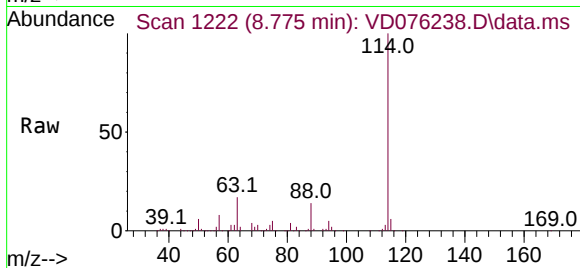
Tgt Ion:114 Resp: 446440

Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.869 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076238.D

Acq: 25 May 2023 17:38

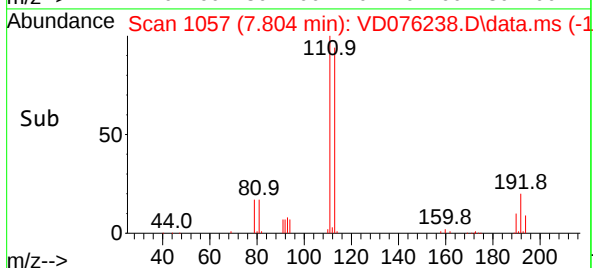
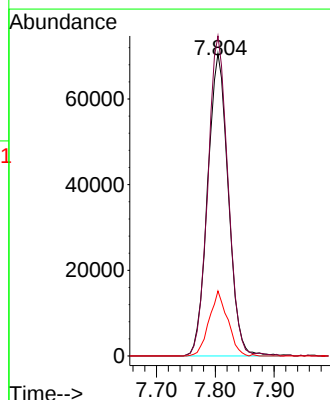
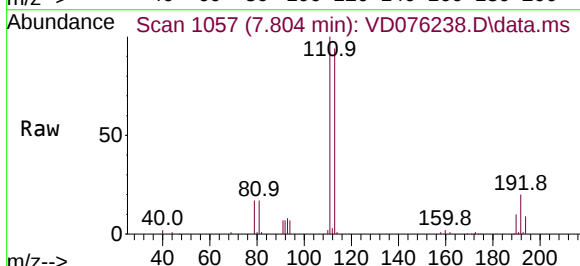
Tgt Ion:113 Resp: 172404

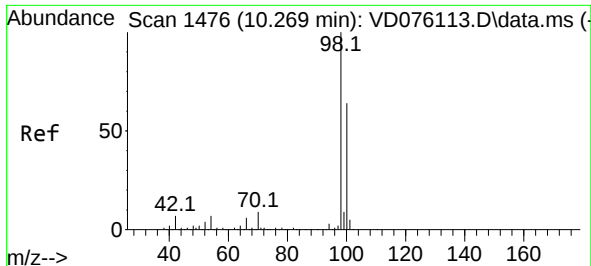
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 19.3 15.2 22.8

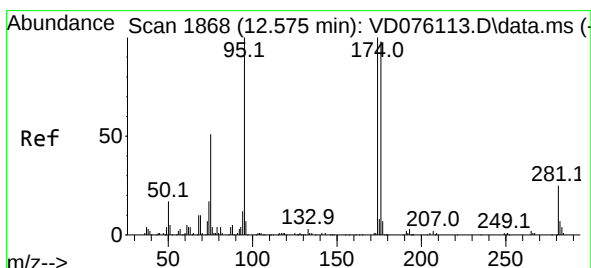
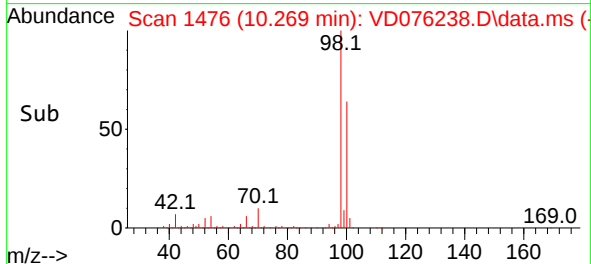
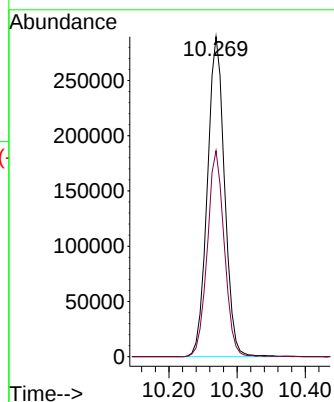
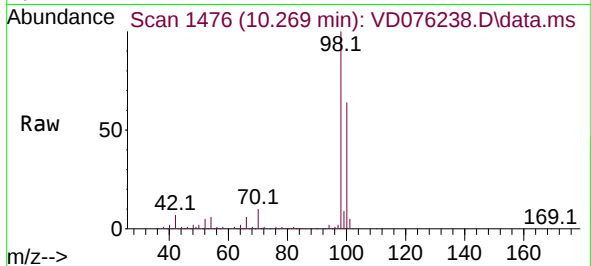




#50
Toluene-d8
Concen: 42.255 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076238.D
Acq: 25 May 2023 17:38

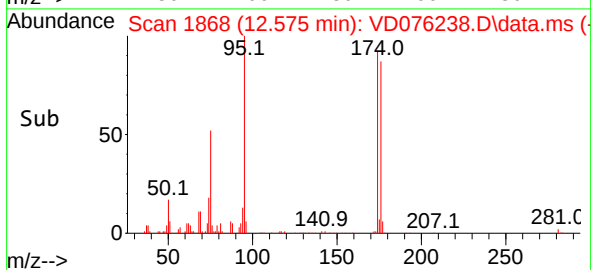
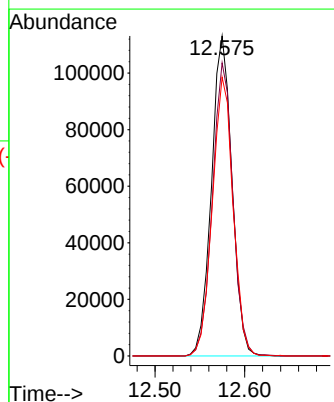
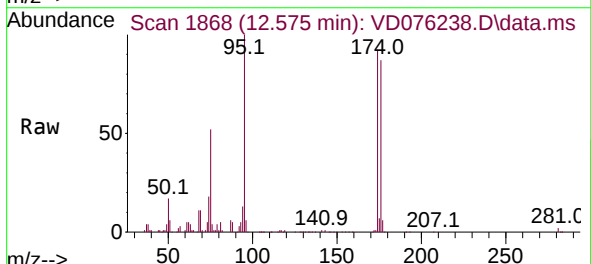
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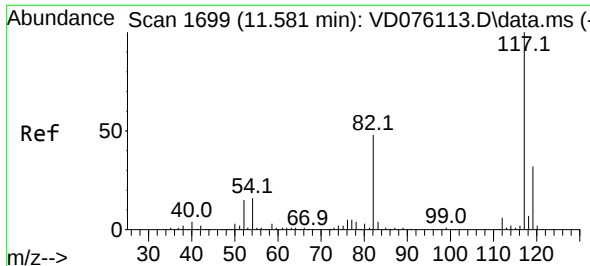
Tgt Ion: 98 Resp: 508305
Ion Ratio Lower Upper
98 100
100 63.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.740 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076238.D
Acq: 25 May 2023 17:38

Tgt Ion: 95 Resp: 179579
Ion Ratio Lower Upper
95 100
174 91.3 0.0 164.0
176 88.0 0.0 156.8

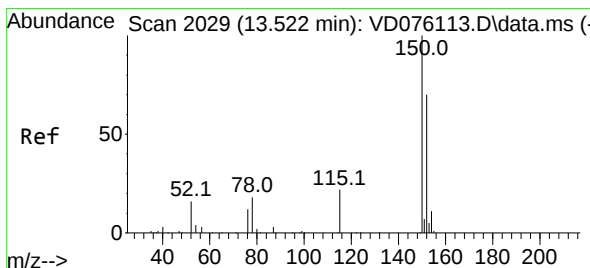
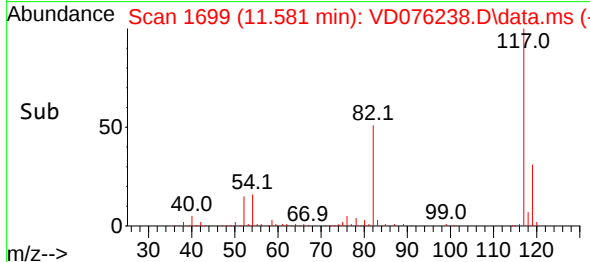
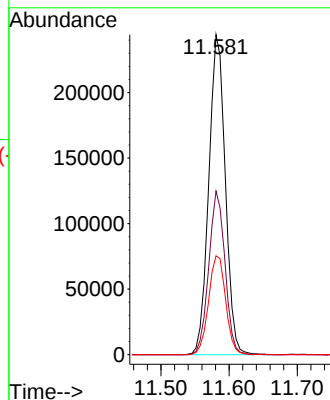
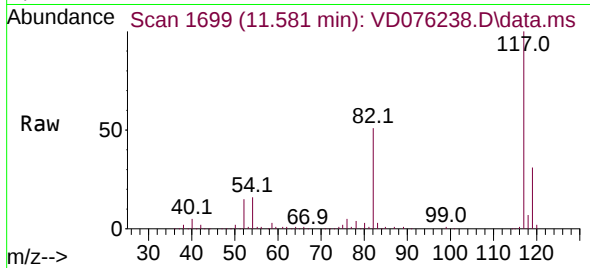




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076238.D
Acq: 25 May 2023 17:38

Instrument :
MSVOA_D
ClientSampleId :
TP13

Tgt Ion:117 Resp: 412120
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 30.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076238.D
Acq: 25 May 2023 17:38

Tgt Ion:152 Resp: 174848
Ion Ratio Lower Upper
152 100
115 53.3 30.1 90.3
150 155.9 0.0 364.8

