

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076361.D
 Acq On : 07 Jun 2023 18:49
 Operator : KP/SY
 Sample : 03086-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1-060723

Quant Time: Jun 08 01:19:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	187860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	369029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	360765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	155585	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124550	73.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.000%
35) Dibromofluoromethane	7.804	113	156328	66.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.440%
50) Toluene-d8	10.269	98	426434	45.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.575	95	131496	53.262	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.520%

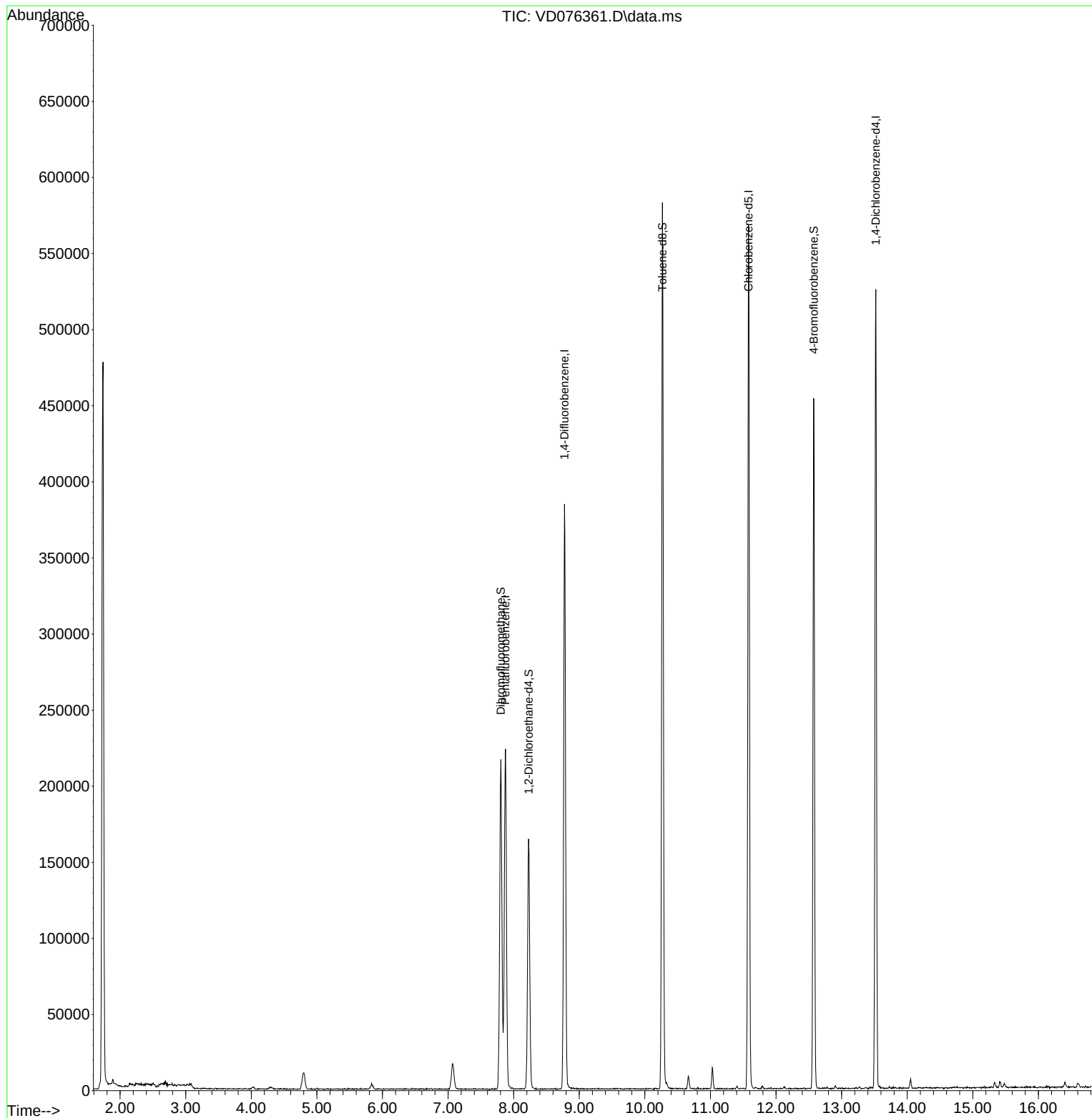
Target Compounds	Qvalue

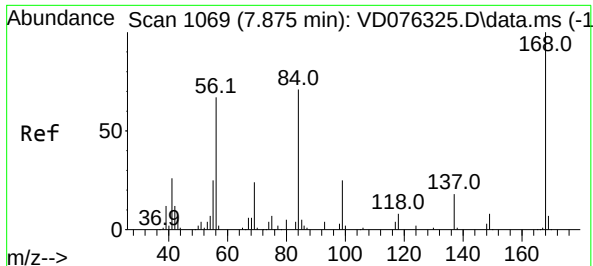
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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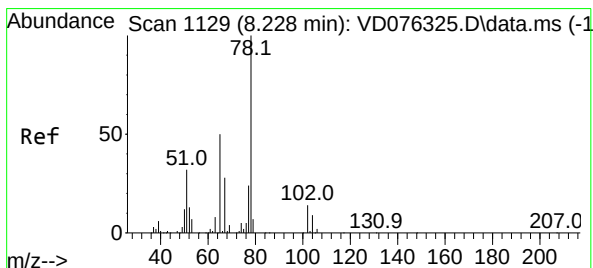
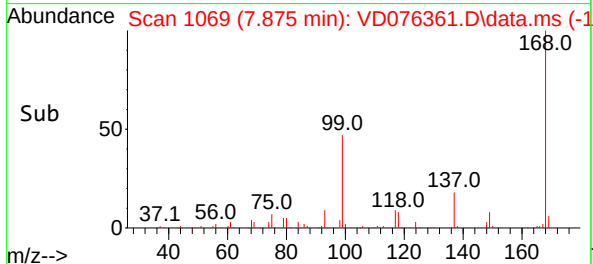
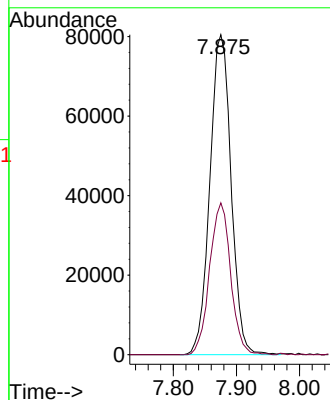
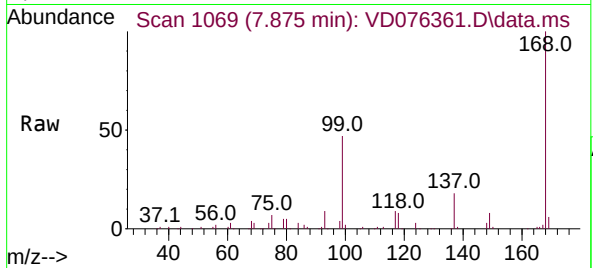




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

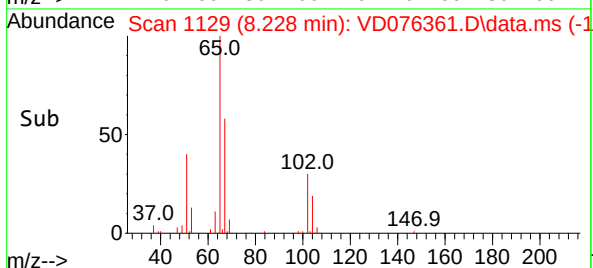
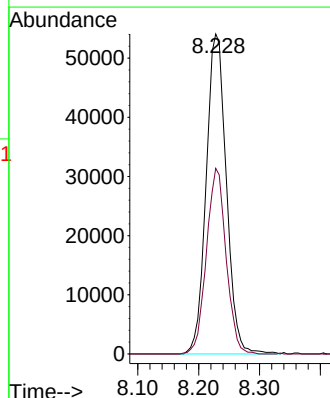
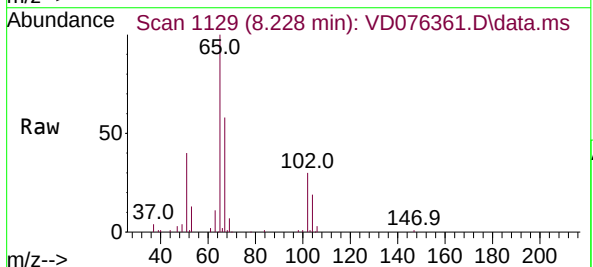
Instrument :
MSVOA_D
ClientSampleId :
HD-1-060723

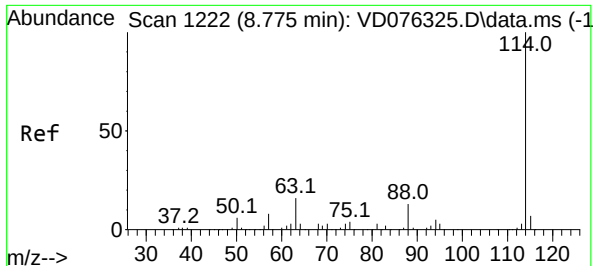
Tgt Ion:168 Resp: 187860
Ion Ratio Lower Upper
168 100
99 47.5 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 73.995 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 65 Resp: 124550
Ion Ratio Lower Upper
65 100
67 56.5 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: VD076361.D

Acq: 07 Jun 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

HD-1-060723

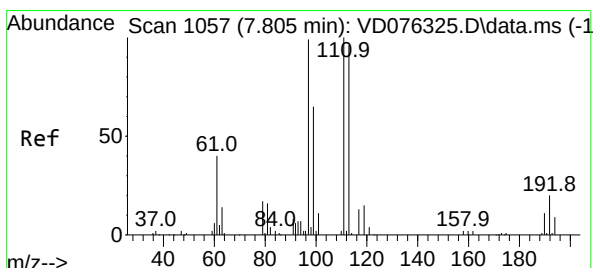
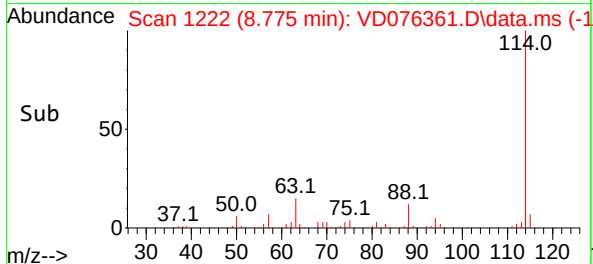
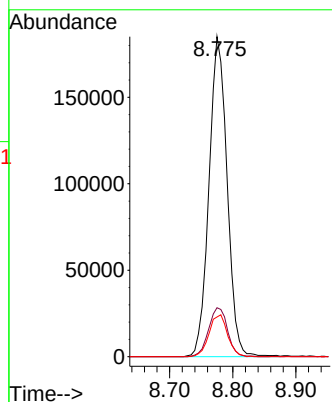
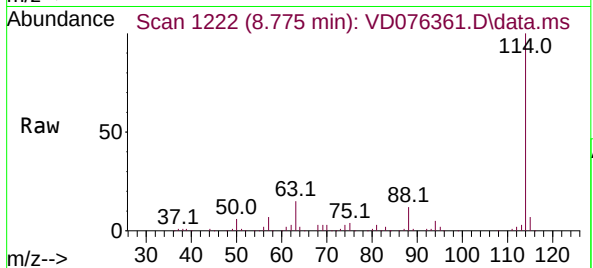
Tgt Ion:114 Resp: 369029

Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.4

88 12.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 66.719 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076361.D

Acq: 07 Jun 2023 18:49

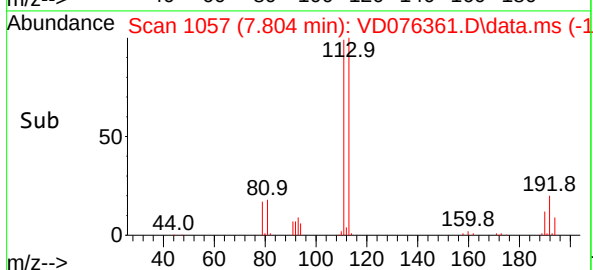
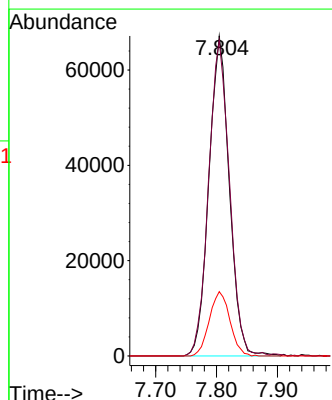
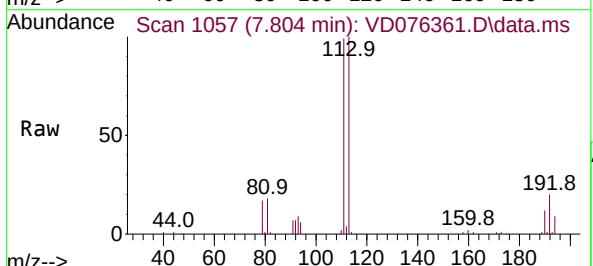
Tgt Ion:113 Resp: 156328

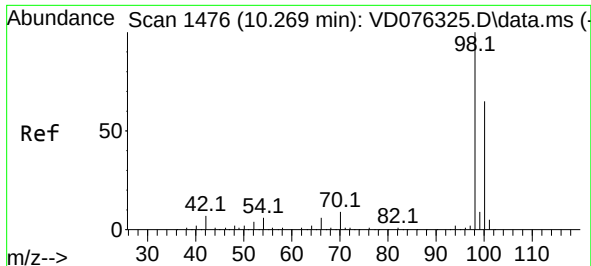
Ion Ratio Lower Upper

113 100

111 100.9 84.7 127.1

192 20.3 16.8 25.2

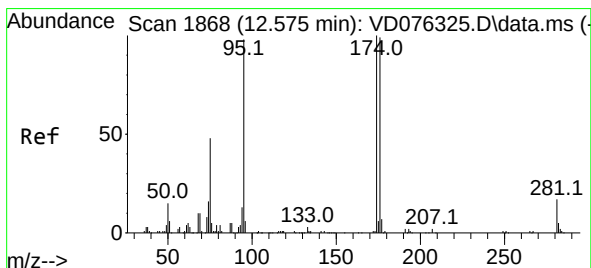
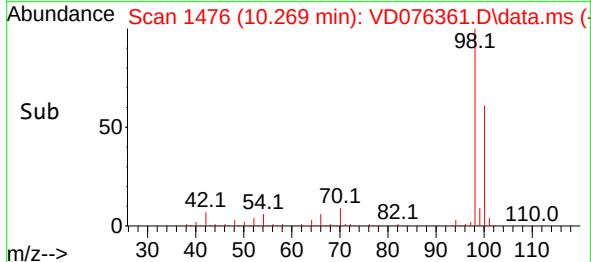
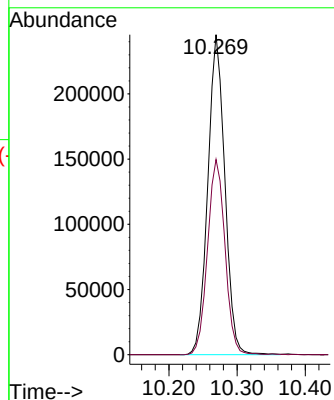
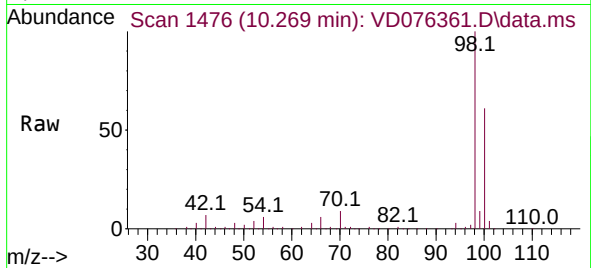




#50
Toluene-d8
Concen: 45.711 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

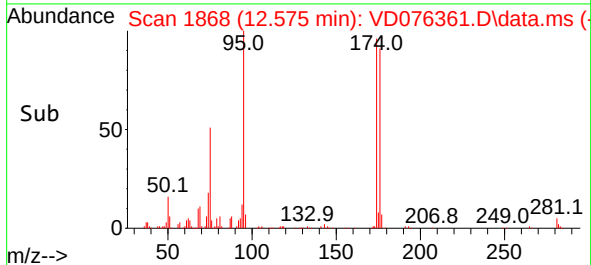
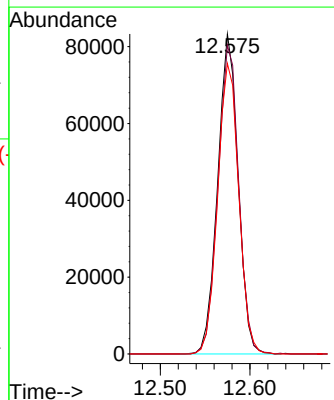
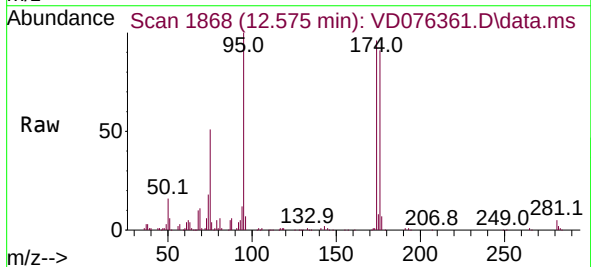
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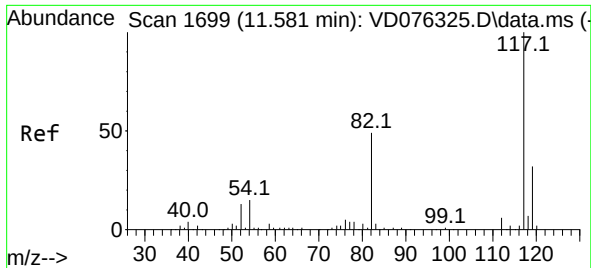
Tgt Ion: 98 Resp: 426434
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.262 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 95 Resp: 131496
Ion Ratio Lower Upper
95 100
174 97.9 0.0 201.8
176 93.9 0.0 191.8

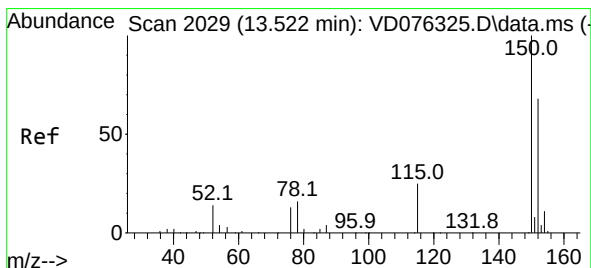
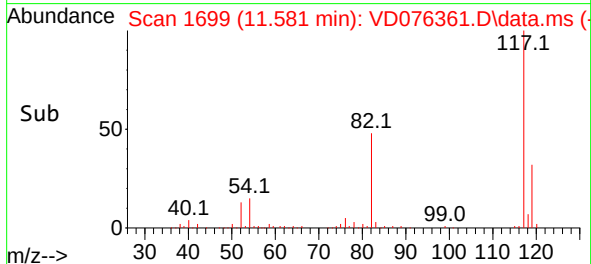
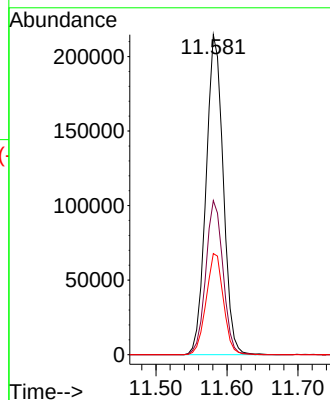
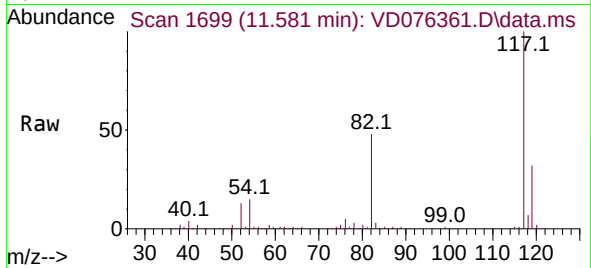




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
HD-1-060723

Tgt Ion:117 Resp: 360765
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 31.6 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: VD076361.D
Acq: 07 Jun 2023 18:49

Tgt Ion:152 Resp: 155585
Ion Ratio Lower Upper
152 100
115 50.9 27.1 81.3
150 160.3 0.0 353.6

