

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076760.D
 Acq On : 17 Jul 2023 17:52
 Operator : KP/SY
 Sample : 03638-21
 Misc : 4.58G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP6

Quant Time: Jul 18 01:24:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	151829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	356238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93993	62.154	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.300%
35) Dibromofluoromethane	7.805	113	119435	53.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.700%
50) Toluene-d8	10.269	98	438212	54.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.440%
62) 4-Bromofluorobenzene	12.575	95	132376	51.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.200%

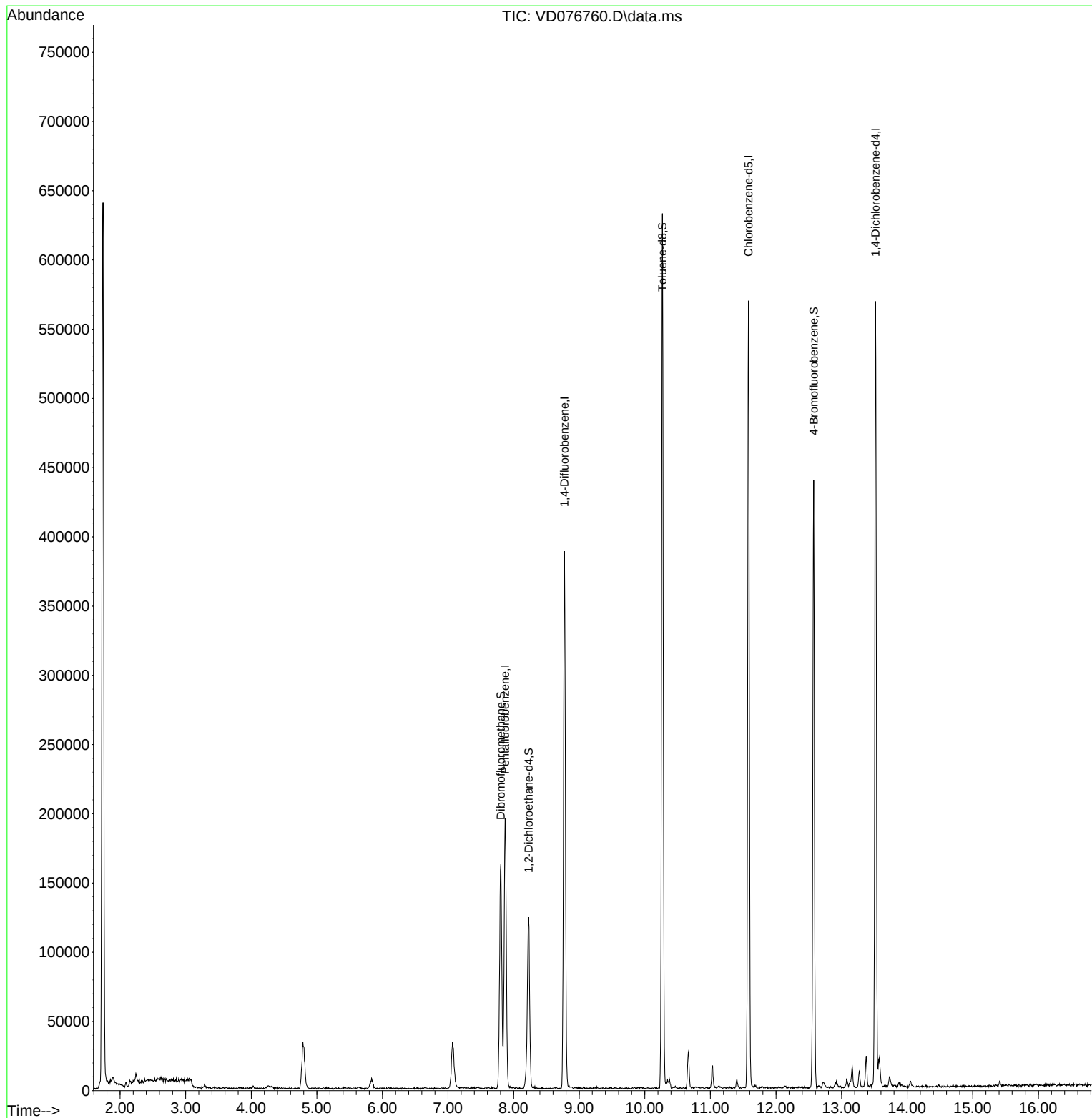
Target Compounds	Qvalue

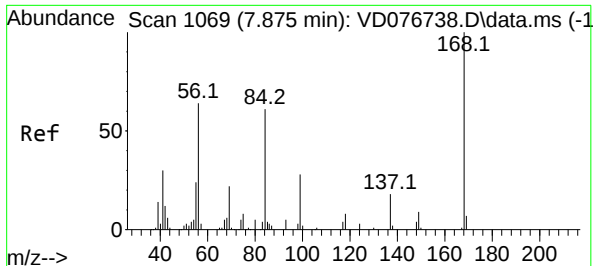
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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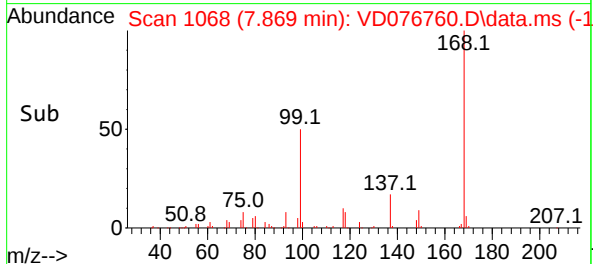
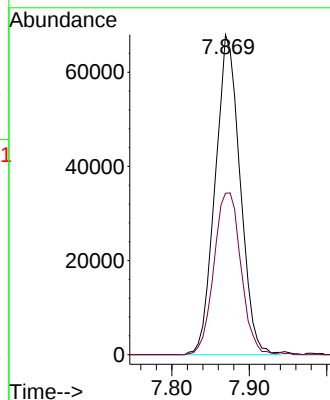
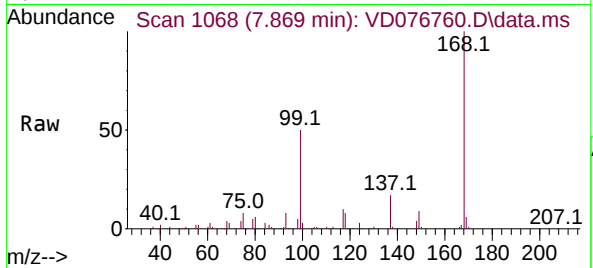




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076760.D
Acq: 17 Jul 2023 17:52

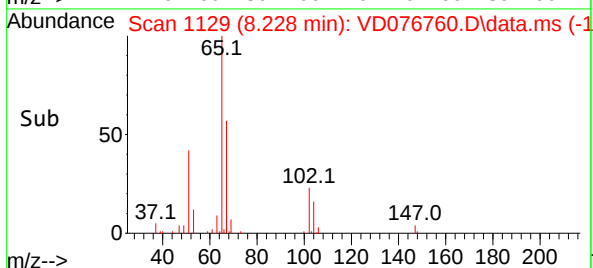
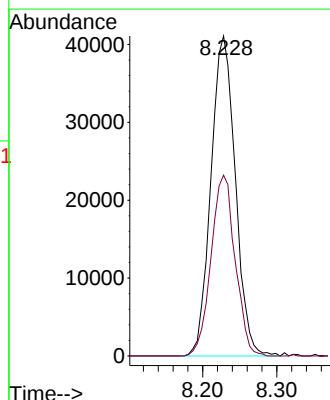
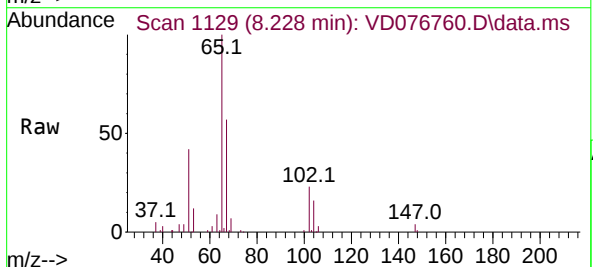
Instrument :
MSVOA_D
ClientSampleId :
TP6

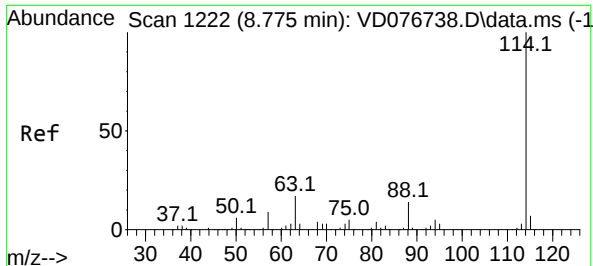
Tgt Ion:168 Resp: 151829
Ion Ratio Lower Upper
168 100
99 50.4 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 62.154 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076760.D
Acq: 17 Jul 2023 17:52

Tgt Ion: 65 Resp: 93993
Ion Ratio Lower Upper
65 100
67 55.8 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: VD076760.D

Acq: 17 Jul 2023 17:52

Instrument :

MSVOA_D

ClientSampleId :

TP6

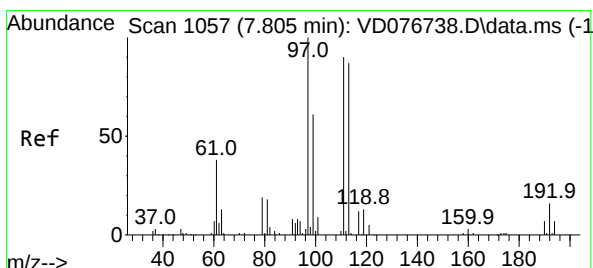
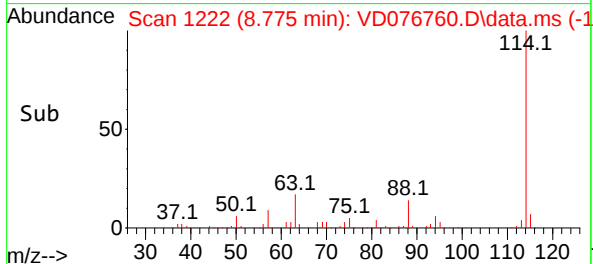
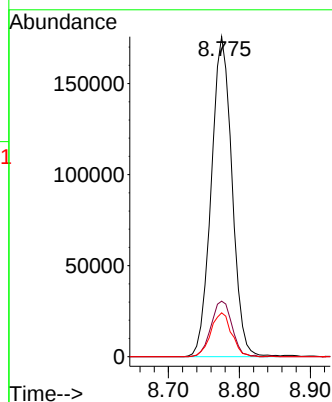
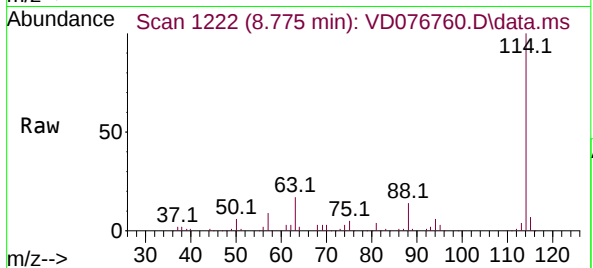
Tgt Ion:114 Resp: 356238

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 13.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.352 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076760.D

Acq: 17 Jul 2023 17:52

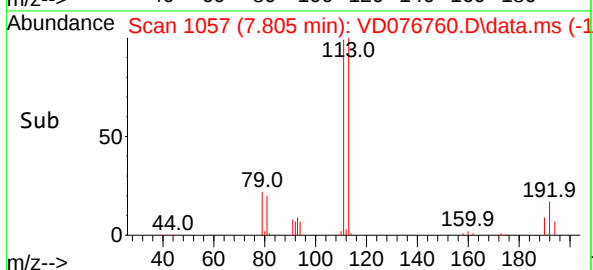
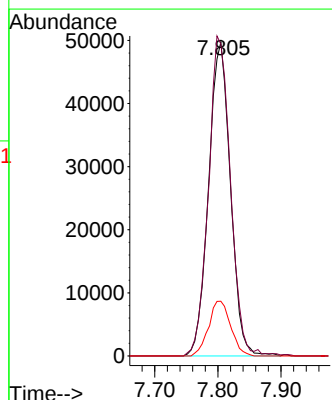
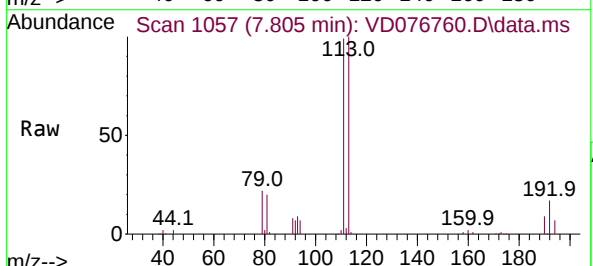
Tgt Ion:113 Resp: 119435

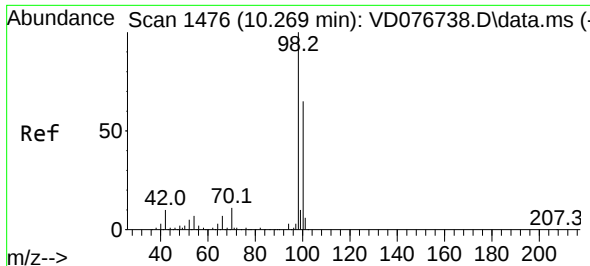
Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 17.7 16.8 25.2

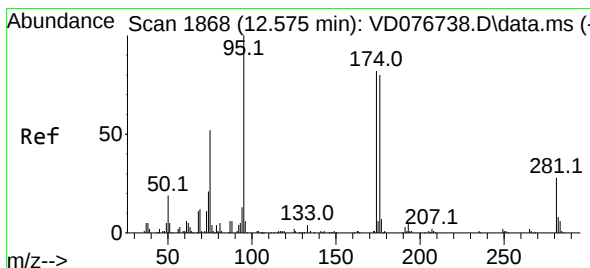
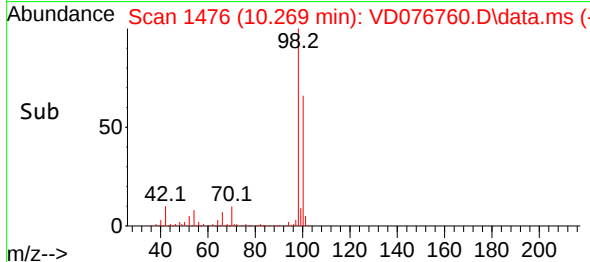
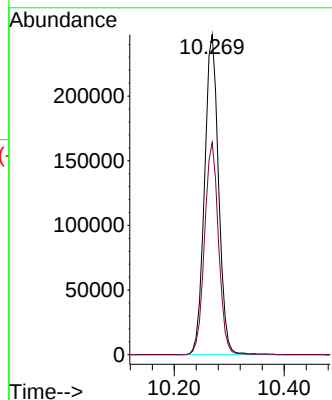
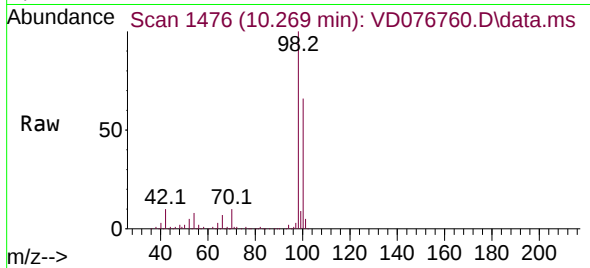




#50
Toluene-d8
Concen: 54.719 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076760.D
Acq: 17 Jul 2023 17:52

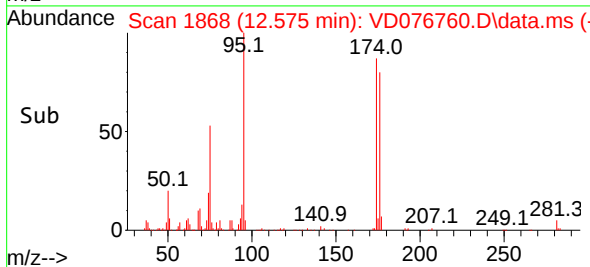
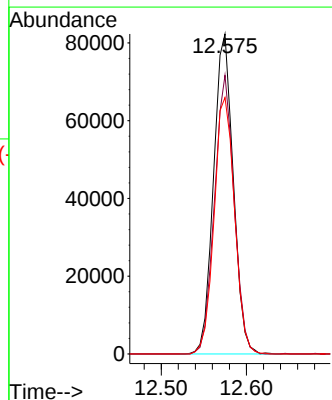
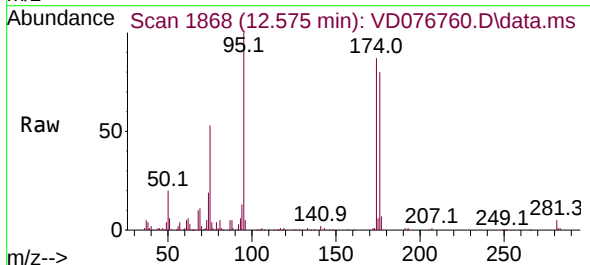
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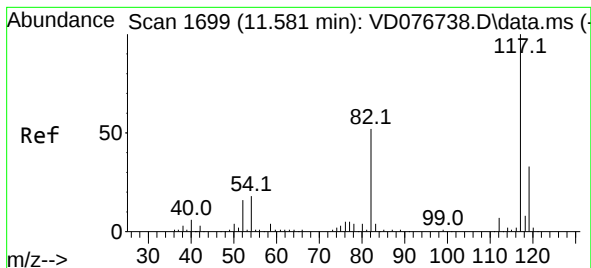
Tgt Ion: 98 Resp: 438212
Ion Ratio Lower Upper
98 100
100 66.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 51.096 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076760.D
Acq: 17 Jul 2023 17:52

Tgt Ion: 95 Resp: 132376
Ion Ratio Lower Upper
95 100
174 86.7 0.0 201.8
176 83.0 0.0 191.8

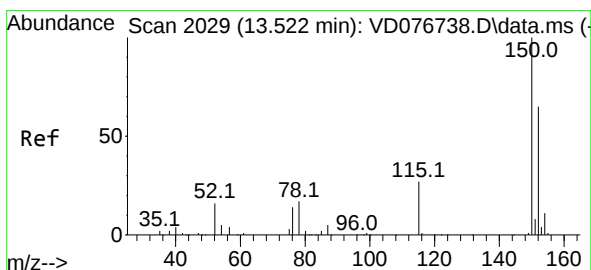
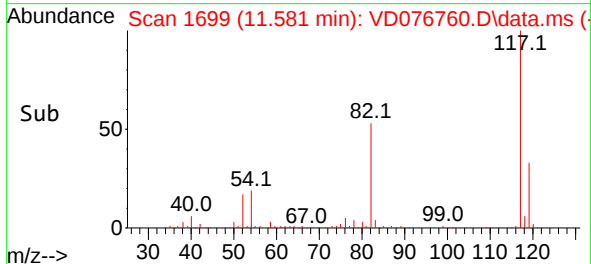
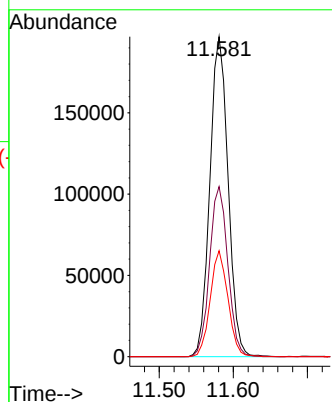
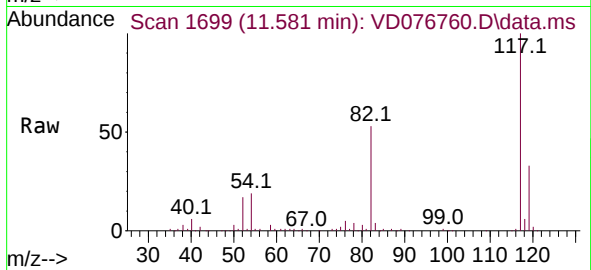




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076760.D
Acq: 17 Jul 2023 17:52

Instrument :
MSVOA_D
ClientSampleId :
TP6

Tgt Ion:117 Resp: 336304
Ion Ratio Lower Upper
117 100
82 53.1 38.3 57.5
119 33.1 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: VD076760.D
Acq: 17 Jul 2023 17:52

Tgt Ion:152 Resp: 151679
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 157.5 0.0 353.6

