

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076781.D
 Acq On : 18 Jul 2023 16:42
 Operator : KP/SY
 Sample : 03639-31
 Misc : 5.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP10

Quant Time: Jul 19 06:45:27 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	7.875	168	153708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	350249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	330489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	98902	64.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.200%
35) Dibromofluoromethane	7.804	113	118491	53.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.680%
50) Toluene-d8	10.269	98	439394	55.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.600%
62) 4-Bromofluorobenzene	12.575	95	125404	49.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.460%

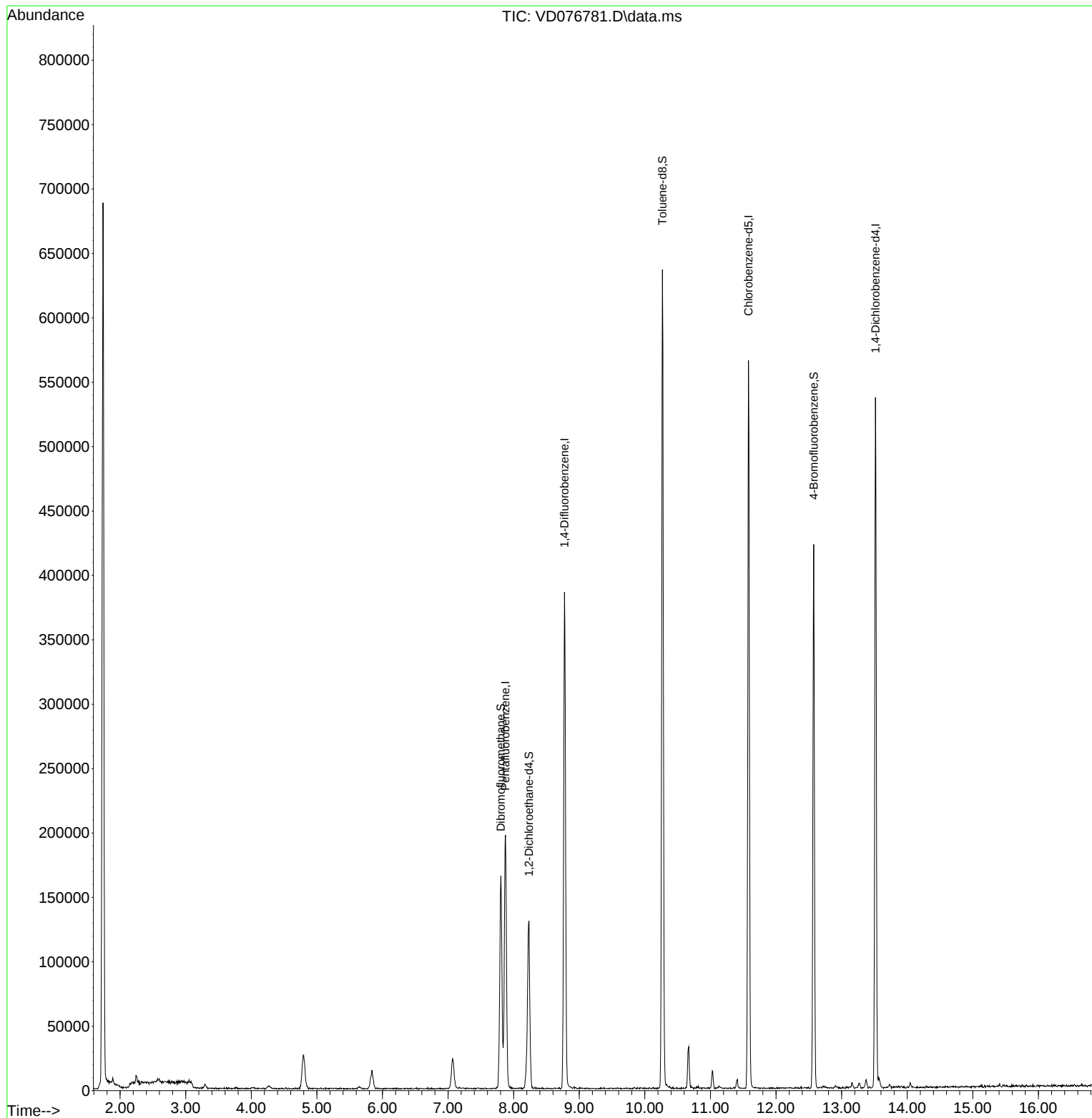
Target Compounds	Qvalue

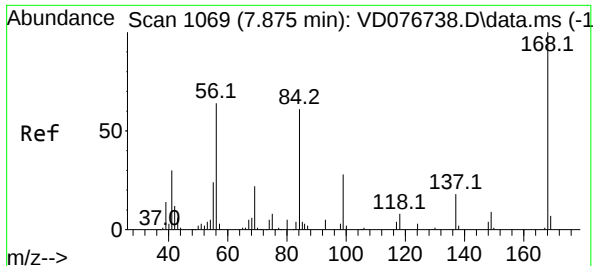
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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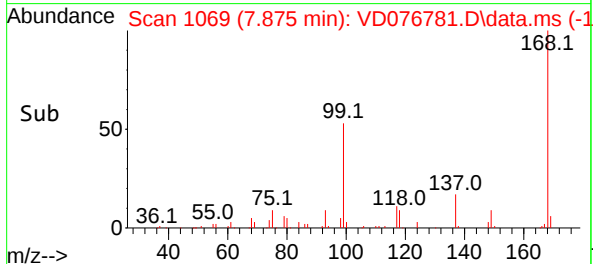
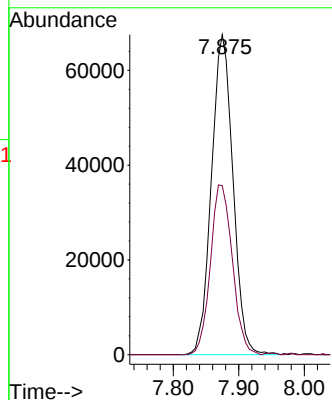
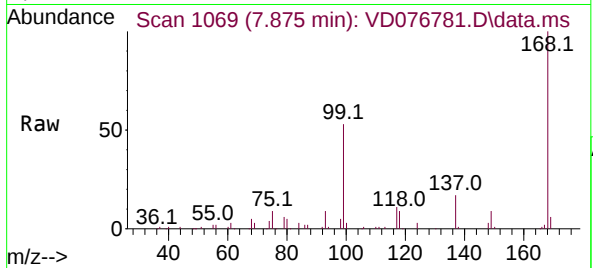




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

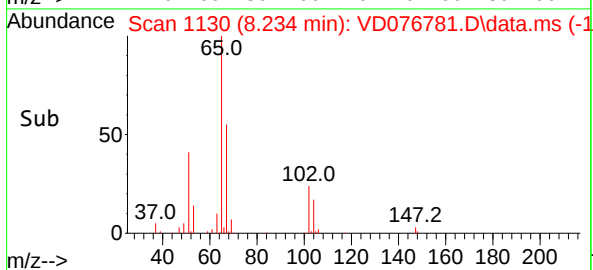
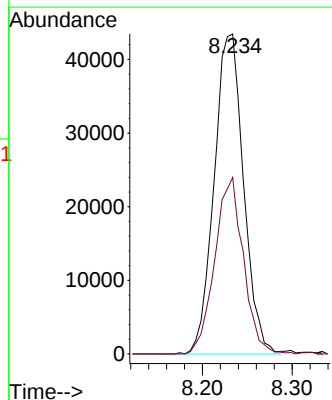
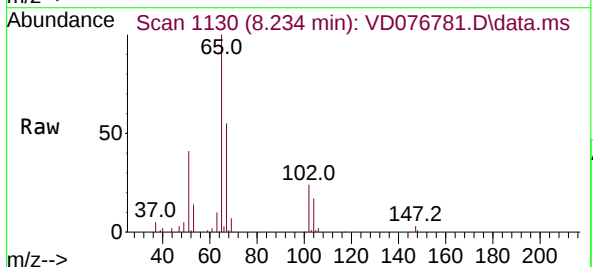
Instrument :
MSVOA_D
ClientSampleId :
TP10

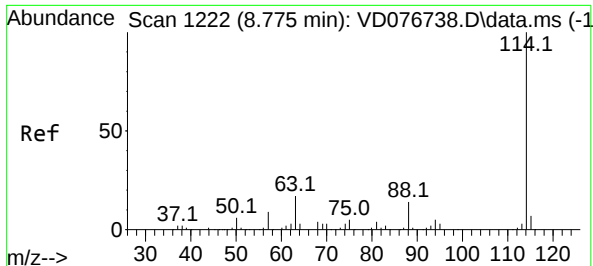
Tgt Ion:168 Resp: 153708
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 64.600 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

Tgt Ion: 65 Resp: 98902
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076781.D

Acq: 18 Jul 2023 16:42

Instrument :

MSVOA_D

ClientSampleId :

TP10

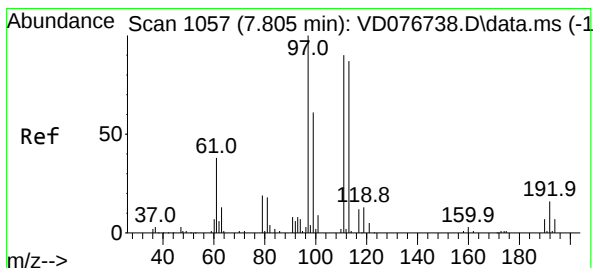
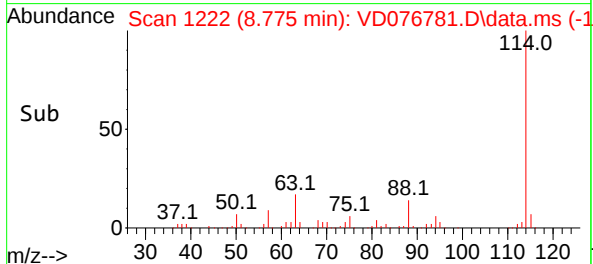
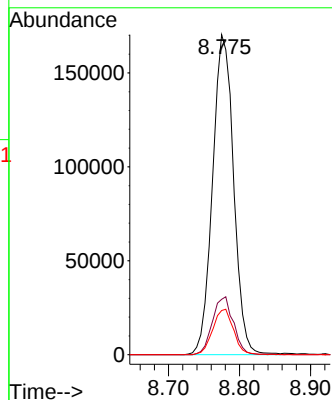
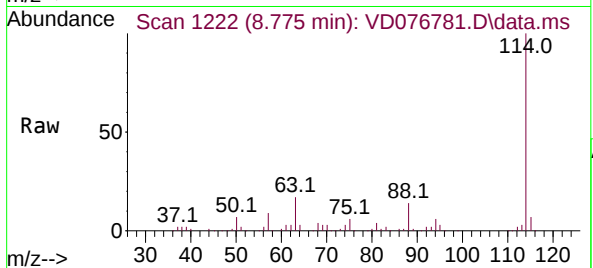
Tgt Ion:114 Resp: 350249

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.835 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076781.D

Acq: 18 Jul 2023 16:42

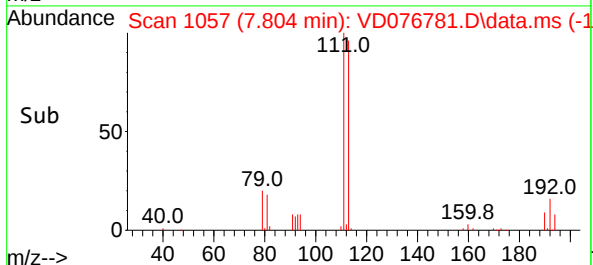
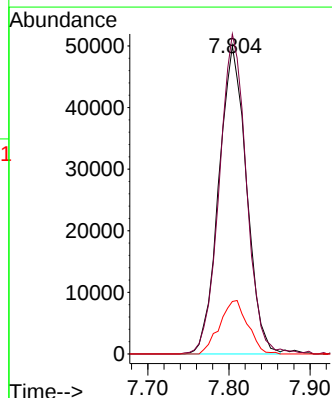
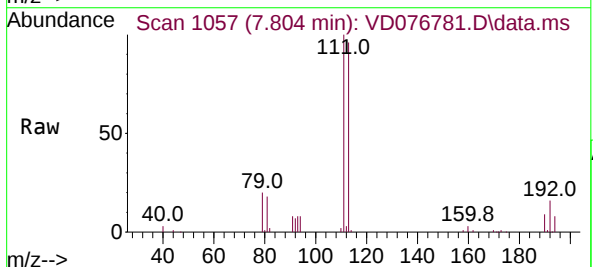
Tgt Ion:113 Resp: 118491

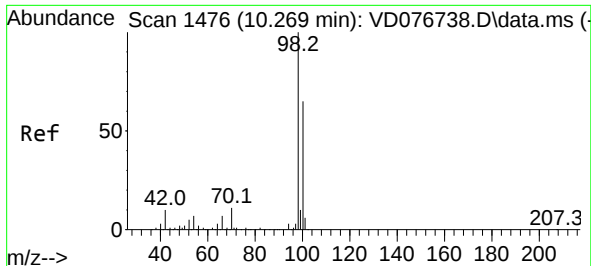
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 17.6 16.8 25.2

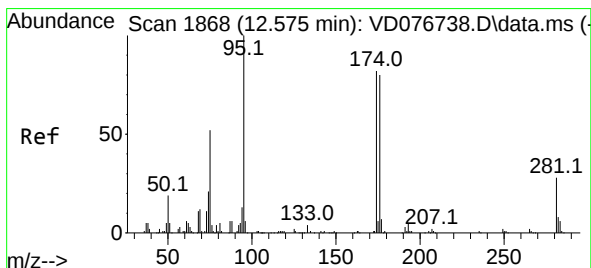
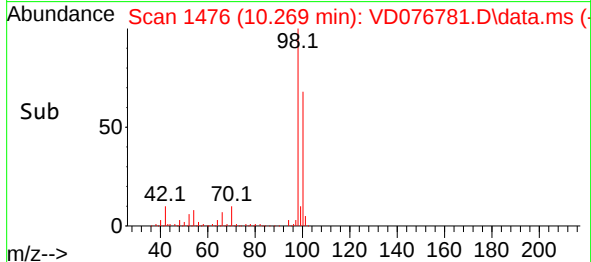
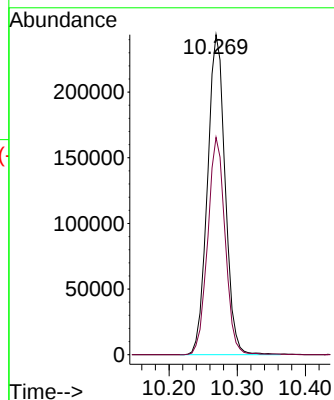
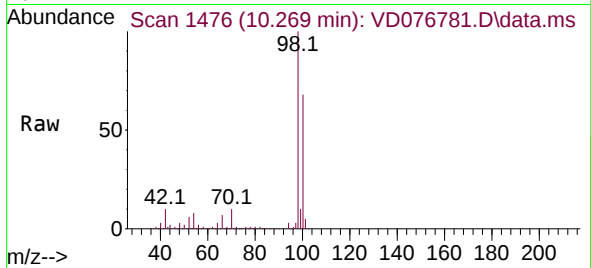




#50
Toluene-d8
Concen: 55.805 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

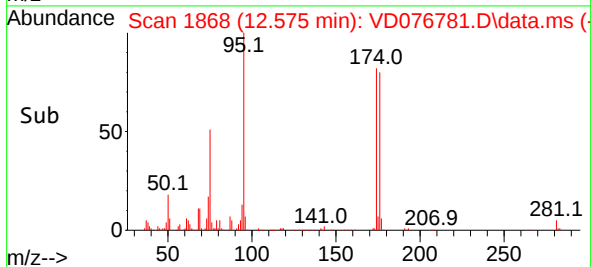
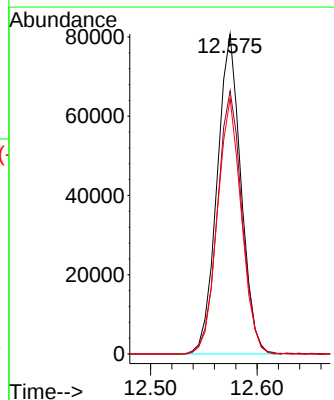
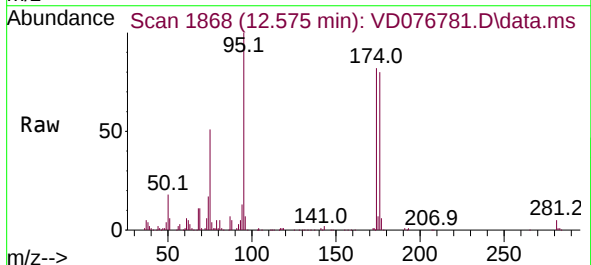
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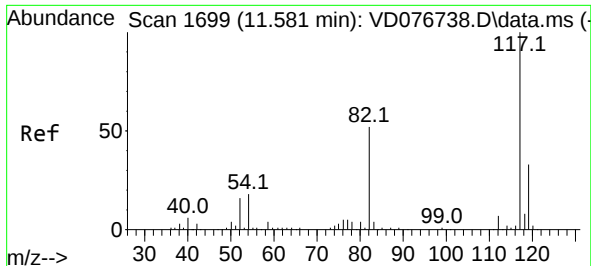
Tgt Ion: 98 Resp: 439394
Ion Ratio Lower Upper
98 100
100 67.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.233 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

Tgt Ion: 95 Resp: 125404
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 80.3 0.0 191.8

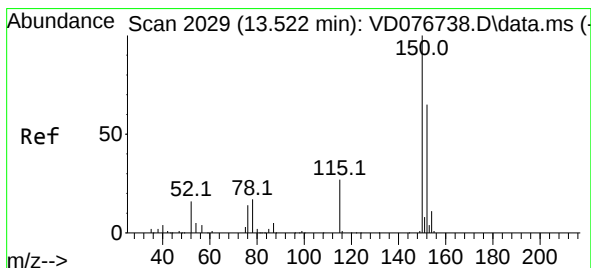
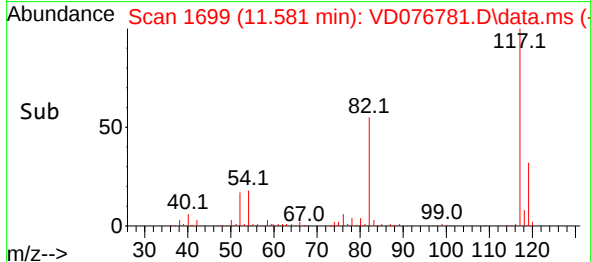
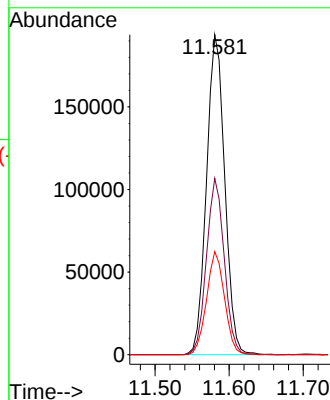
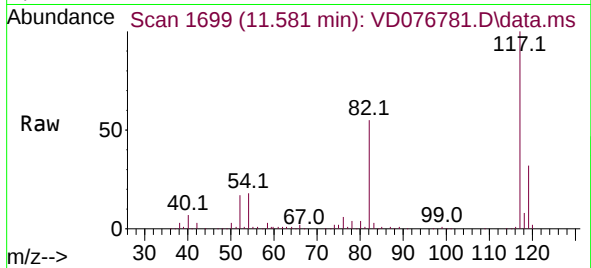




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076781.D
Acq: 18 Jul 2023 16:42

Instrument :
MSVOA_D
ClientSampleId :
TP10

Tgt Ion:117 Resp: 330489
Ion Ratio Lower Upper
117 100
82 55.1 38.3 57.5
119 32.2 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: VD076781.D
Acq: 18 Jul 2023 16:42

Tgt Ion:152 Resp: 143131
Ion Ratio Lower Upper
152 100
115 60.1 27.1 81.3
150 157.6 0.0 353.6

