

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076177.D
 Acq On : 22 May 2023 15:52
 Operator : KP/SY
 Sample : 02849-11RE
 Misc : 4.18G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP8RE

Quant Time: May 23 01:25:19 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	7.869	168	3018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	5719	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7252	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2421	83.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 166.000%#	
35) Dibromofluoromethane	7.804	113	1970	49.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.660%	
50) Toluene-d8	10.269	98	5865	38.059	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.120%	
62) 4-Bromofluorobenzene	12.575	95	2059	48.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.200%	

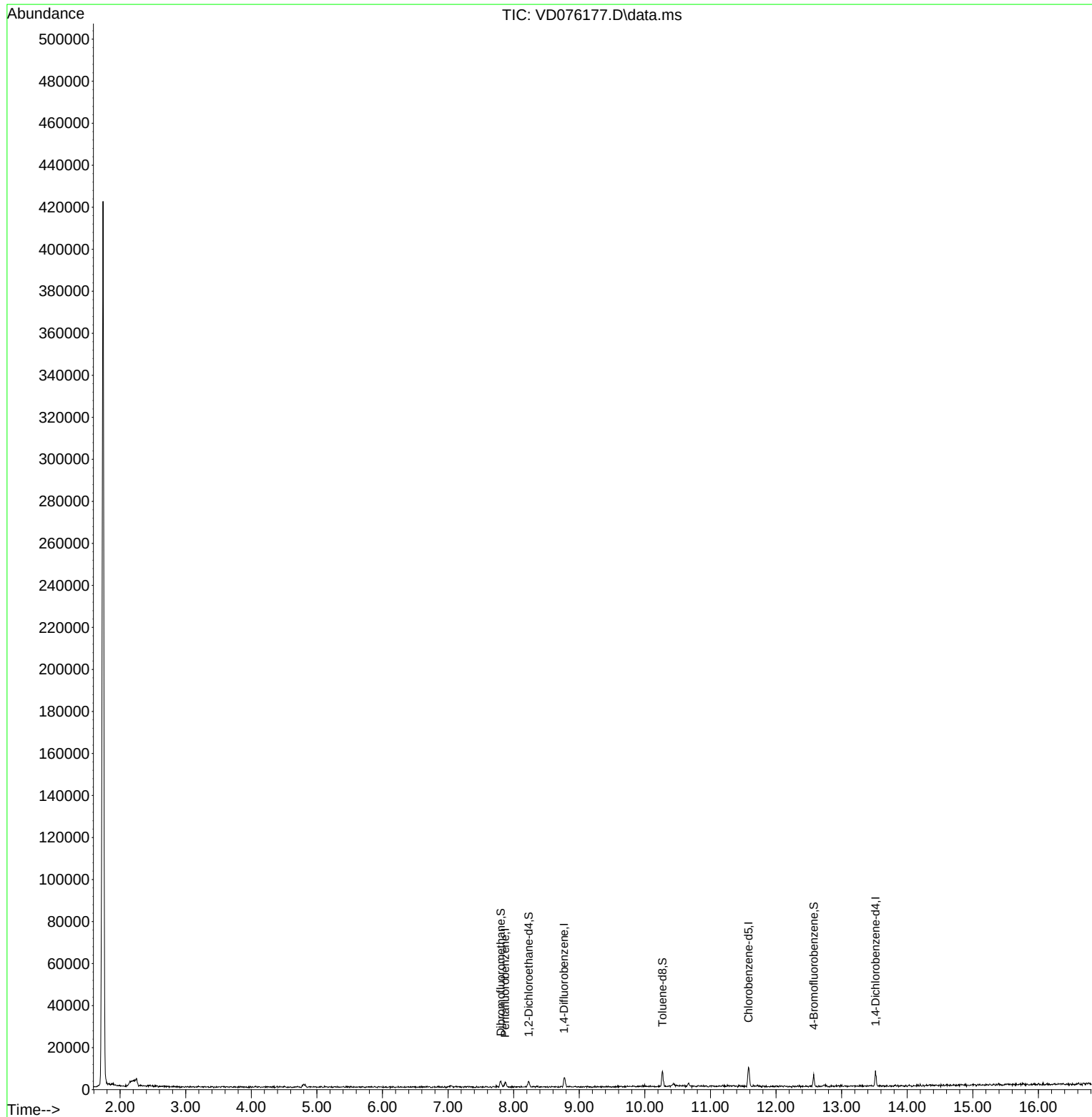
Target Compounds	Qvalue

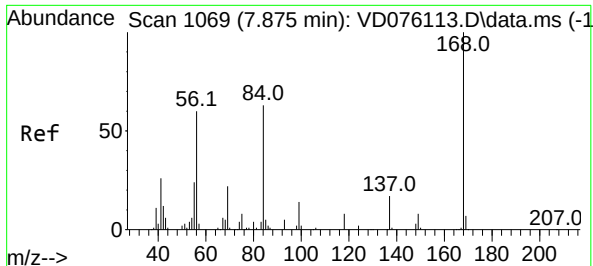
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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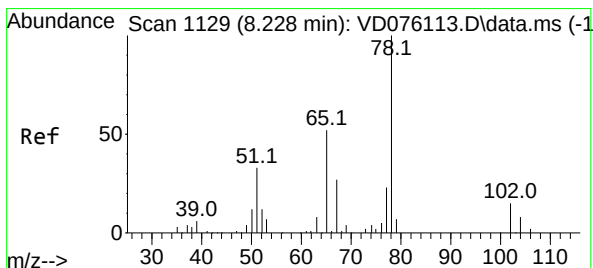
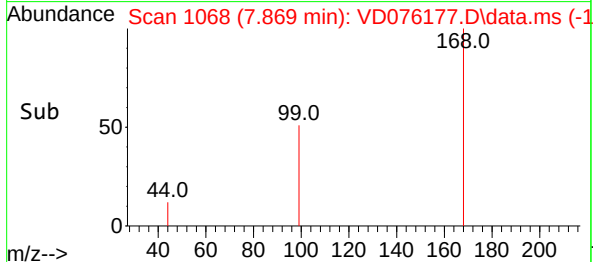
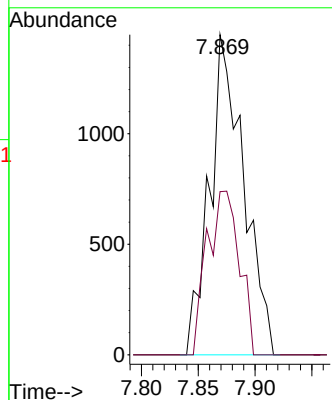
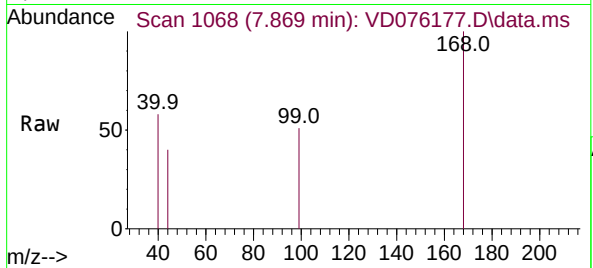




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

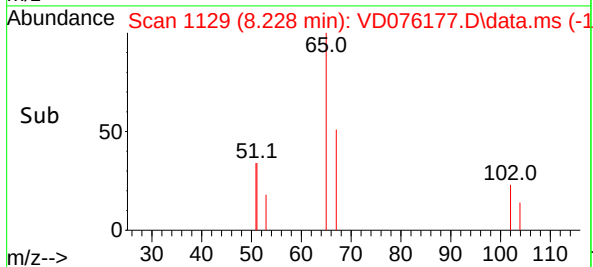
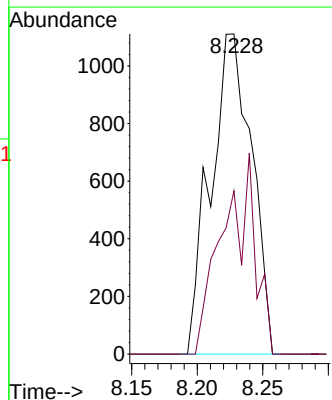
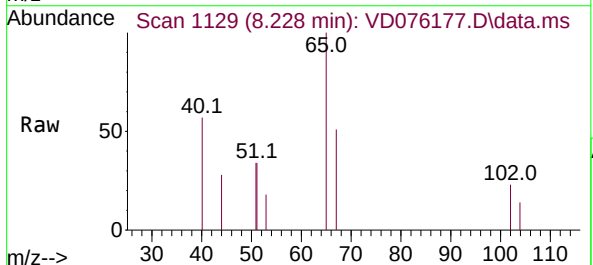
Instrument :
MSVOA_D
ClientSampleId :
TP8RE

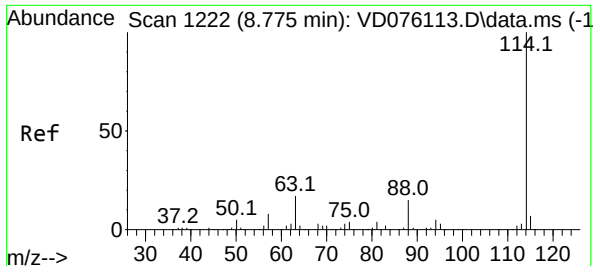
Tgt Ion:168 Resp: 3018
Ion Ratio Lower Upper
168 100
99 51.0 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 83.001 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion: 65 Resp: 2421
Ion Ratio Lower Upper
65 100
67 49.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD076177.D

Acq: 22 May 2023 15:52

Instrument :

MSVOA_D

ClientSampleId :

TP8RE

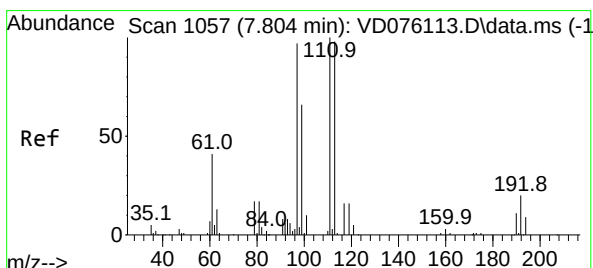
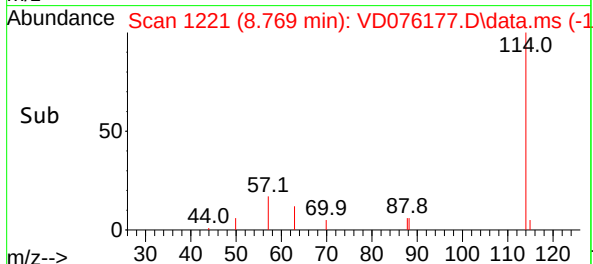
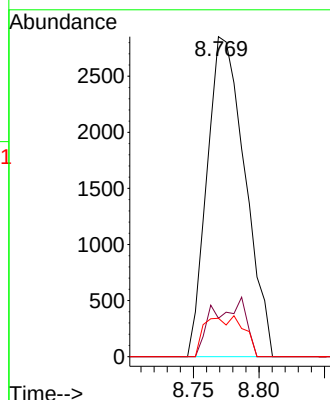
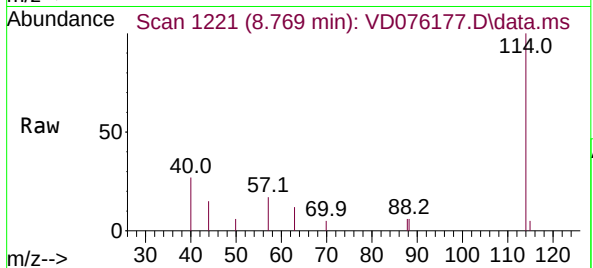
Tgt Ion:114 Resp: 5719

Ion Ratio Lower Upper

114 100

63 12.0 0.0 41.6

88 12.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.835 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076177.D

Acq: 22 May 2023 15:52

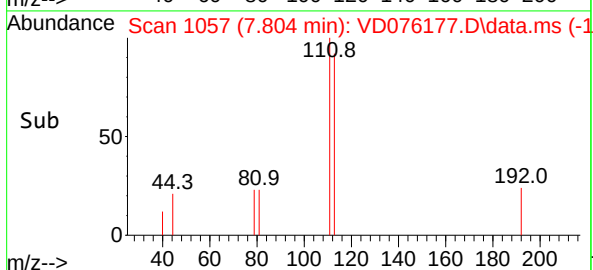
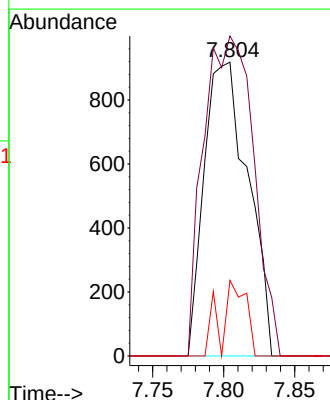
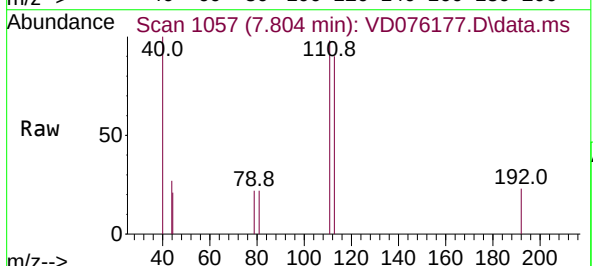
Tgt Ion:113 Resp: 1970

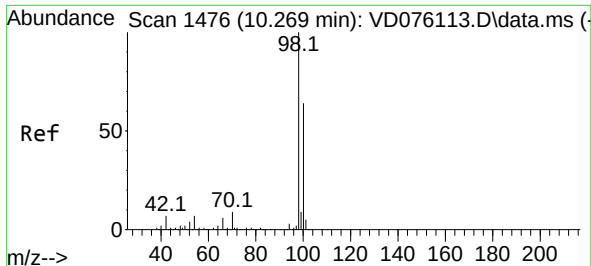
Ion Ratio Lower Upper

113 100

111 124.5 81.4 122.0#

192 14.6 15.2 22.8#

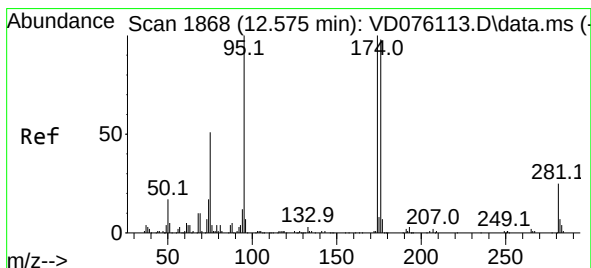
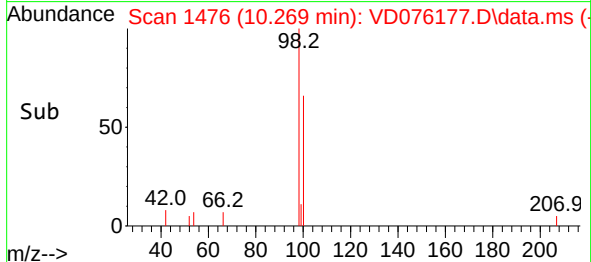
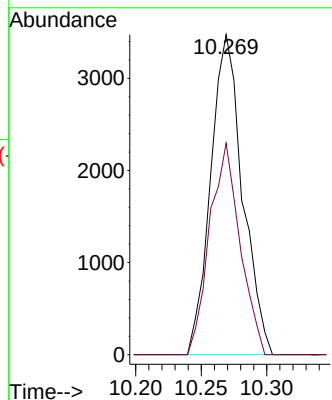
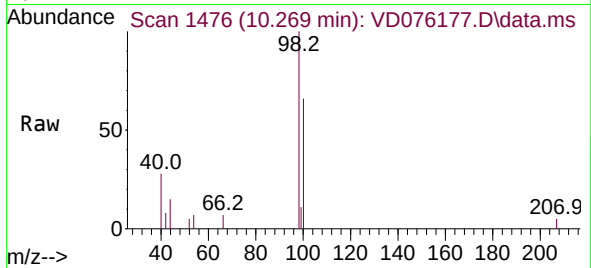




#50
Toluene-d8
Concen: 38.059 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

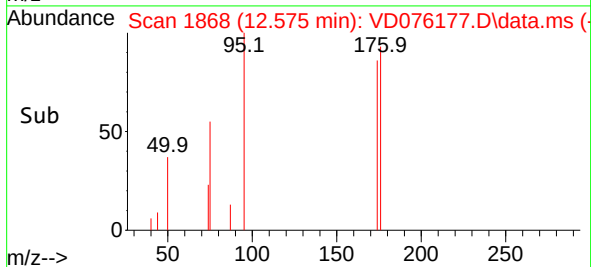
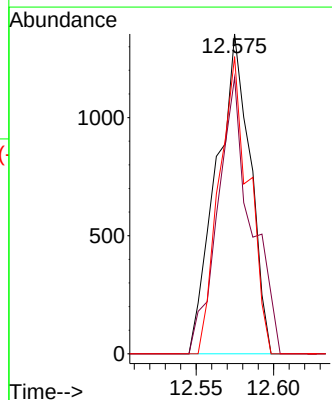
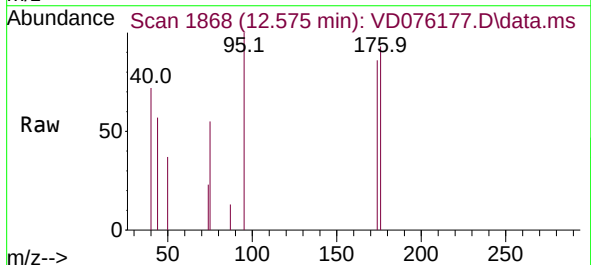
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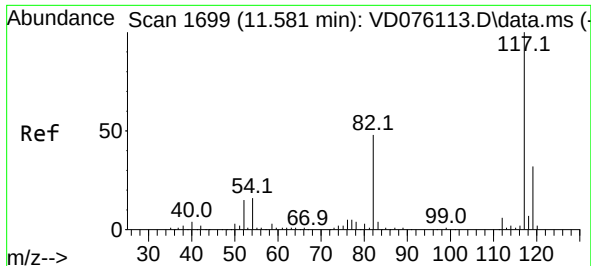
Tgt Ion: 98 Resp: 5865
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.099 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion: 95 Resp: 2059
Ion Ratio Lower Upper
95 100
174 84.7 0.0 164.0
176 81.4 0.0 156.8

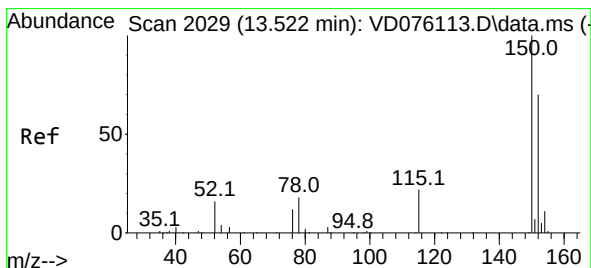
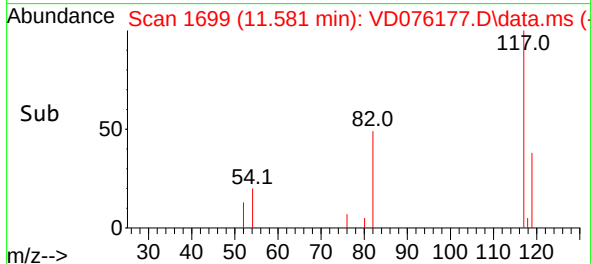
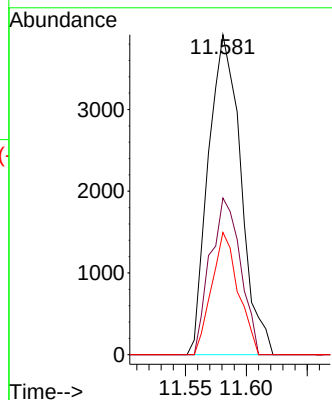
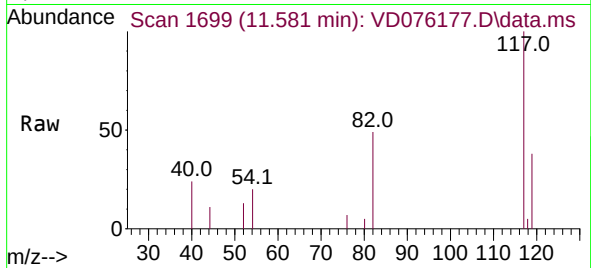




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Instrument :
MSVOA_D
ClientSampleId :
TP8RE

Tgt Ion:117 Resp: 7252
Ion Ratio Lower Upper
117 100
82 48.9 44.0 66.0
119 38.2 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076177.D
Acq: 22 May 2023 15:52

Tgt Ion:152 Resp: 2183
Ion Ratio Lower Upper
152 100
115 50.5 30.1 90.3
150 155.4 0.0 364.8

