

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074636.D
 Acq On : 25 Oct 2022 16:49
 Operator : VA/SY
 Sample : N5267-10
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4-1024

Quant Time: Oct 27 01:22:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	3739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	6826	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3235	113.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 226.640%#	
35) Dibromofluoromethane	7.810	113	2806	74.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.440%#	
50) Toluene-d8	10.269	98	8009	58.220	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.440%	
62) 4-Bromofluorobenzene	12.569	95	2884	73.796	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 147.600%#	

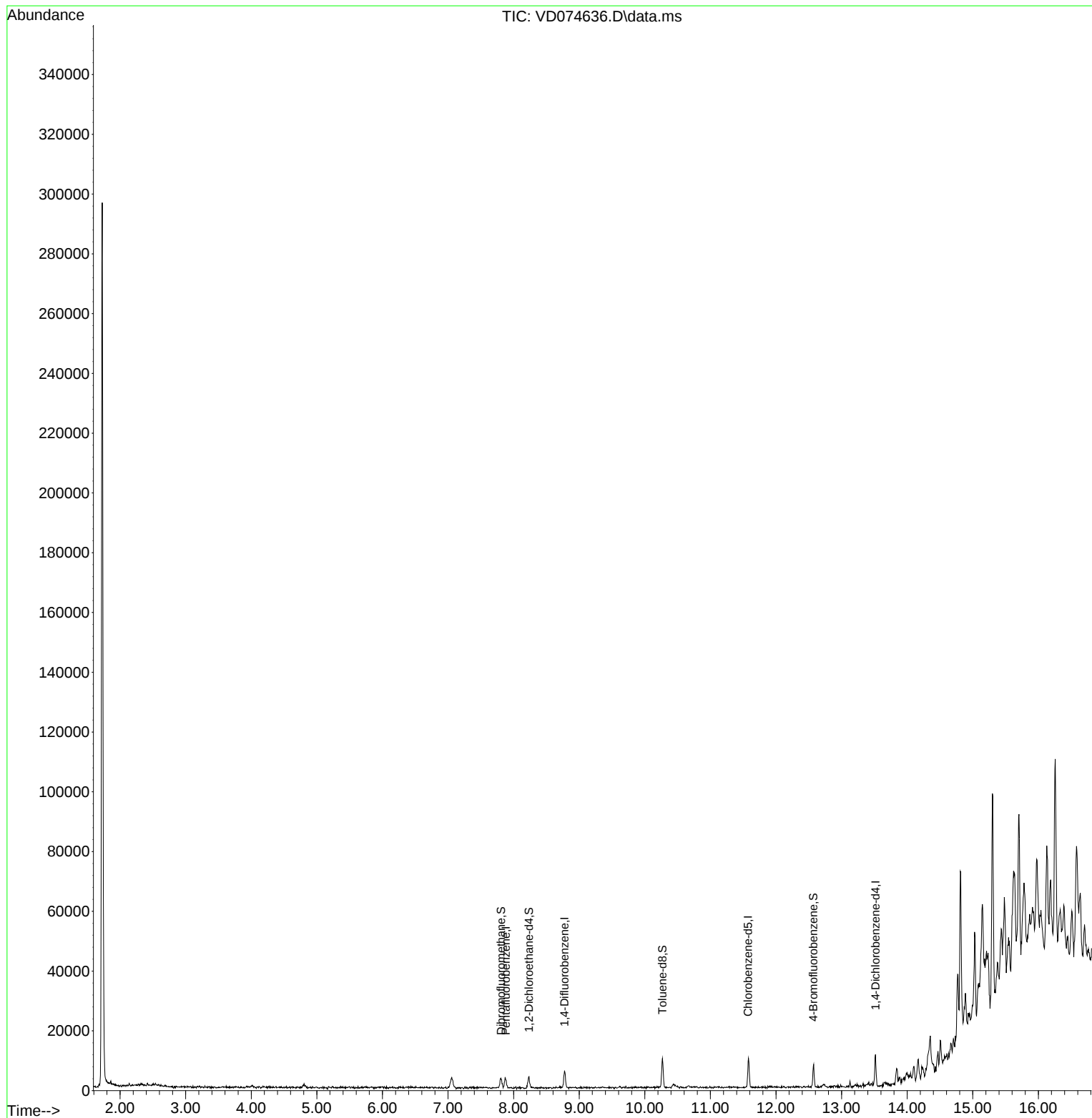
Target Compounds	Qvalue

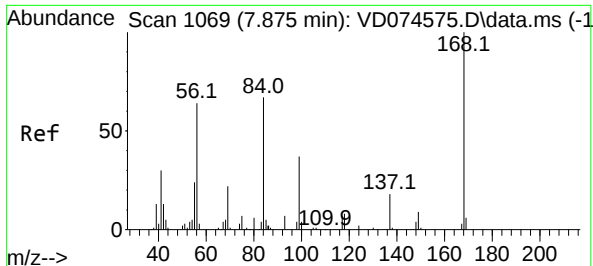
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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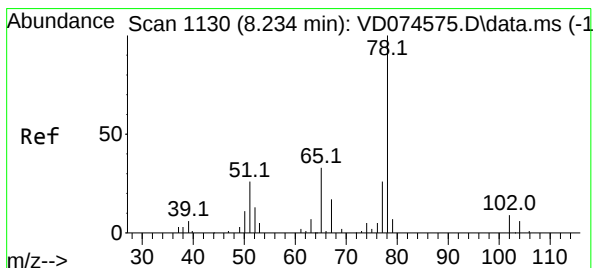
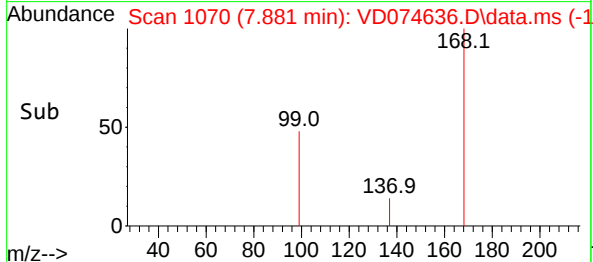
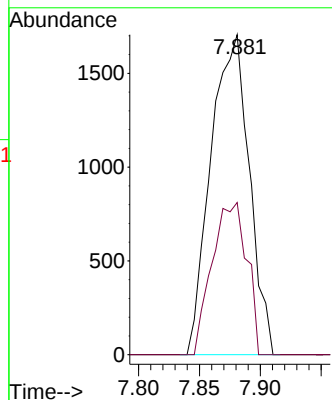
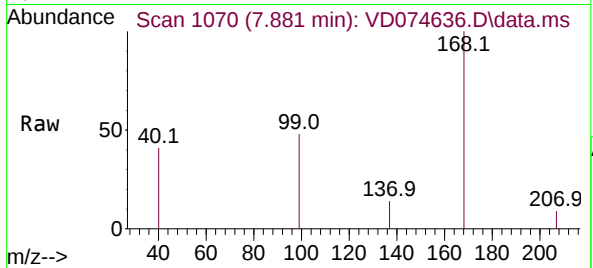




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074636.D
Acq: 25 Oct 2022 16:49

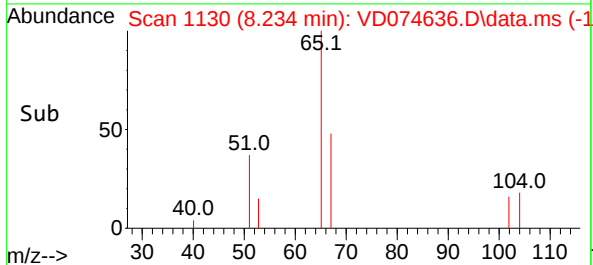
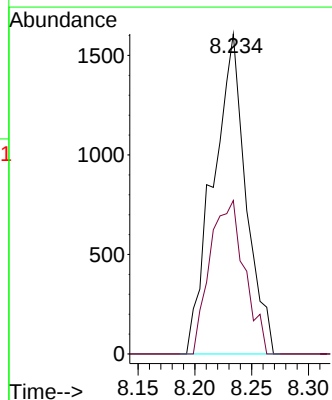
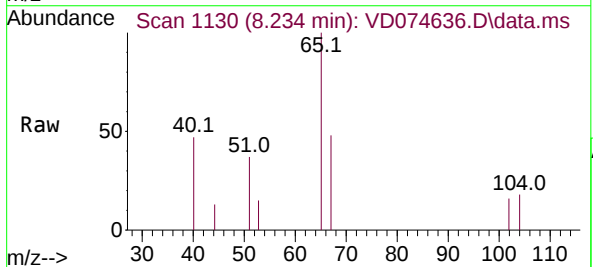
Instrument :
MSVOA_D
ClientSampleId :
TP4-1024

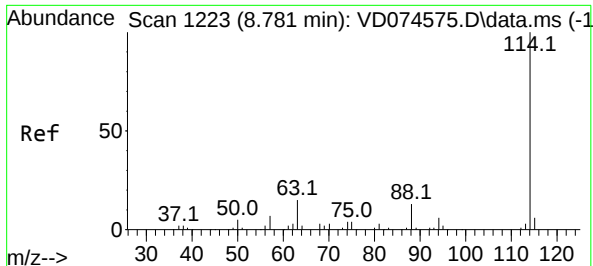
Tgt Ion:168 Resp: 3739
Ion Ratio Lower Upper
168 100
99 47.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 113.324 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074636.D
Acq: 25 Oct 2022 16:49

Tgt Ion: 65 Resp: 3235
Ion Ratio Lower Upper
65 100
67 50.4 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074636.D

Acq: 25 Oct 2022 16:49

Instrument :

MSVOA_D

ClientSampleId :

TP4-1024

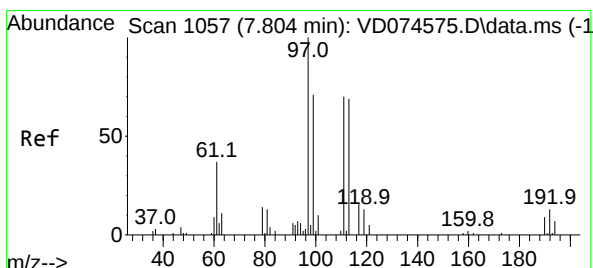
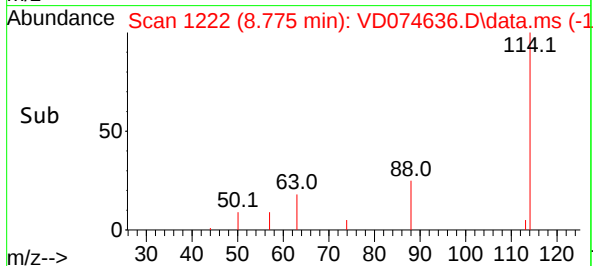
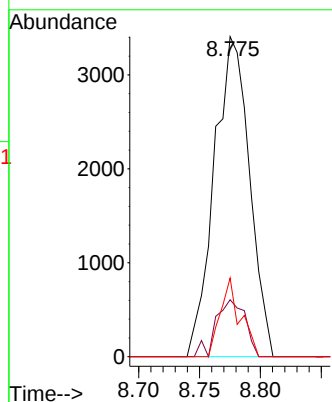
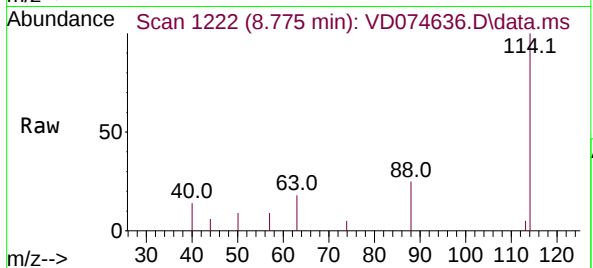
Tgt Ion:114 Resp: 6873

Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.2

88 24.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.222 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074636.D

Acq: 25 Oct 2022 16:49

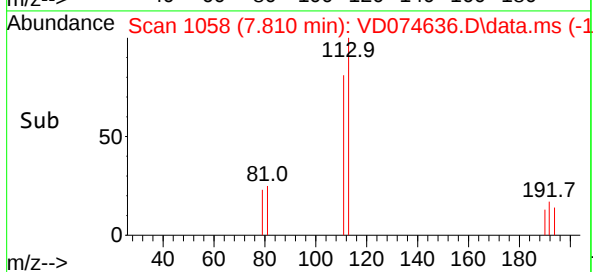
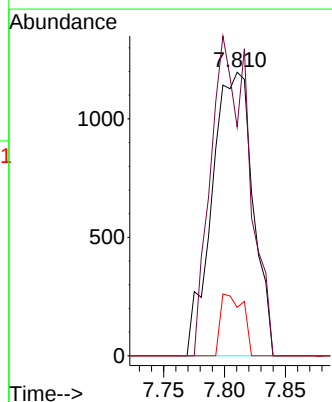
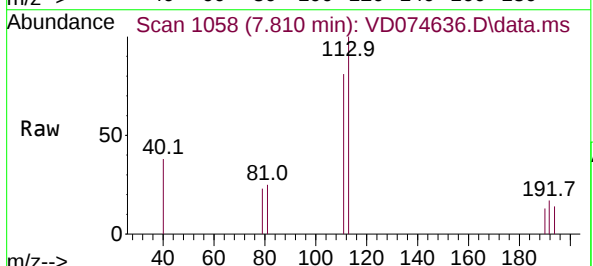
Tgt Ion:113 Resp: 2806

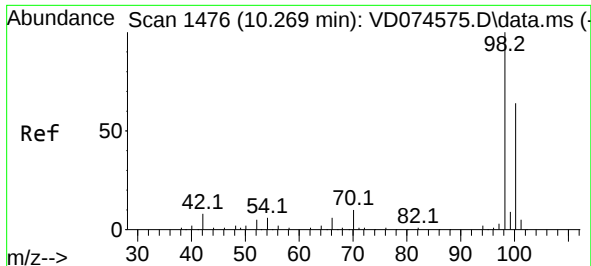
Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

192 11.9 16.4 24.6#

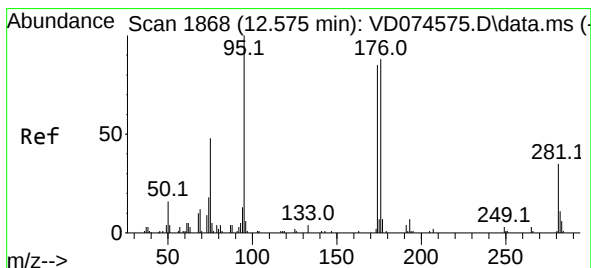
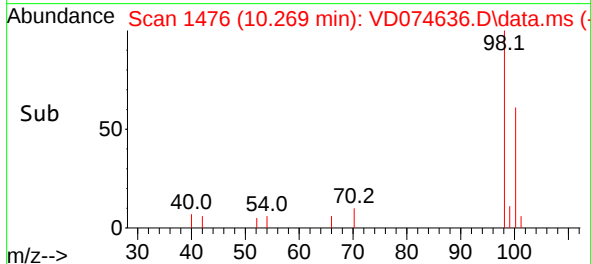
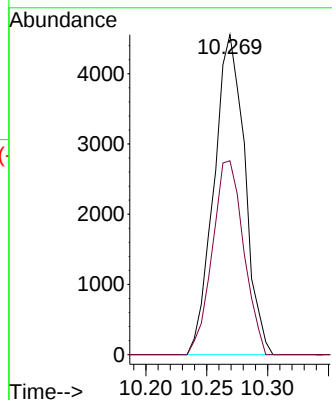
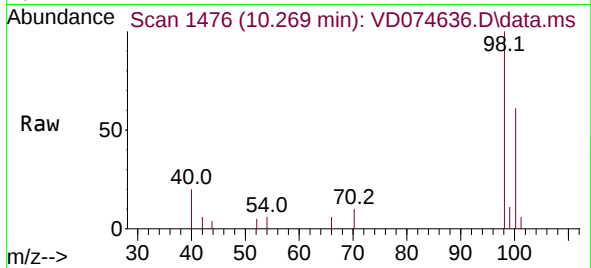




#50
Toluene-d8
Concen: 58.220 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074636.D
Acq: 25 Oct 2022 16:49

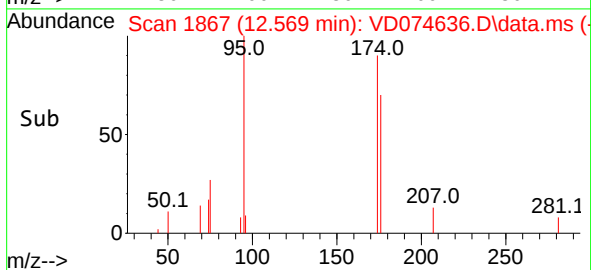
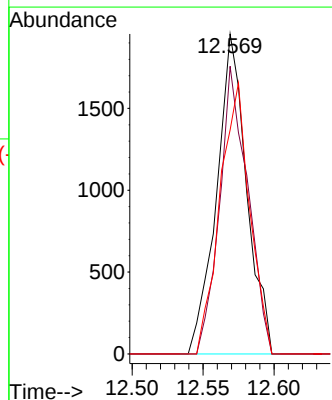
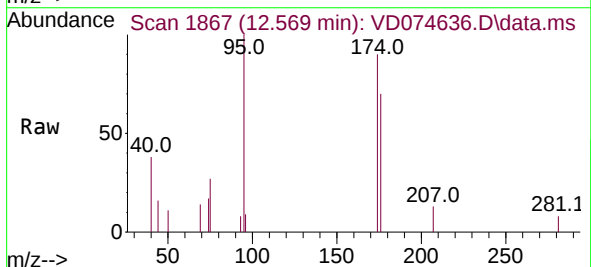
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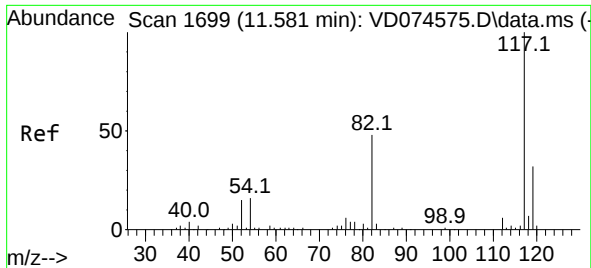
Tgt Ion: 98 Resp: 8009
Ion Ratio Lower Upper
98 100
100 61.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 73.796 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074636.D
Acq: 25 Oct 2022 16:49

Tgt Ion: 95 Resp: 2884
Ion Ratio Lower Upper
95 100
174 84.3 0.0 197.0
176 83.9 0.0 182.6

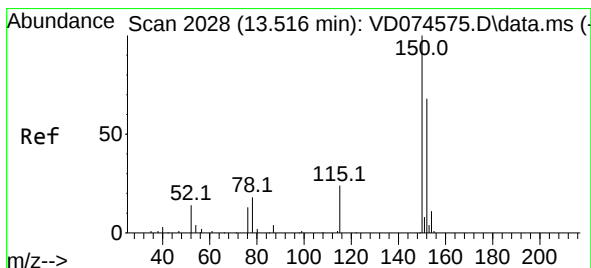
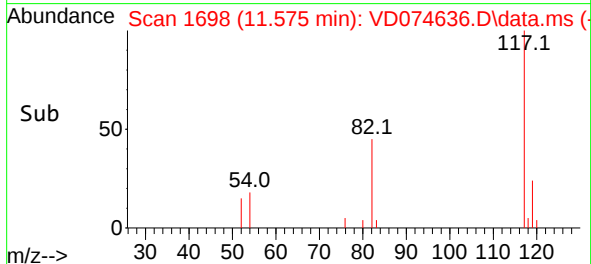
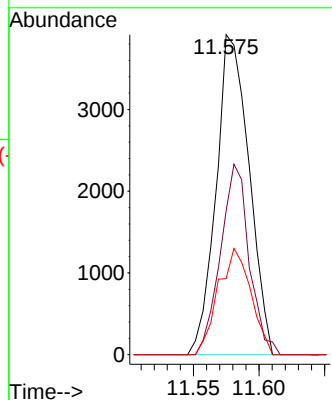
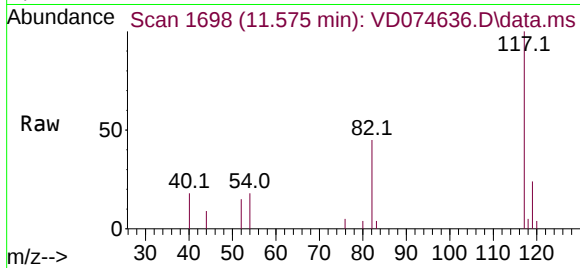




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074636.D
Acq: 25 Oct 2022 16:49

Instrument :
MSVOA_D
ClientSampleId :
TP4-1024

Tgt Ion:117 Resp: 6826
Ion Ratio Lower Upper
117 100
82 45.0 41.6 62.4
119 23.8 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074636.D
Acq: 25 Oct 2022 16:49

Tgt Ion:152 Resp: 3320
Ion Ratio Lower Upper
152 100
115 54.1 26.8 80.4
150 143.5 0.0 348.2

