

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102022\
 Data File : VD074597.D
 Acq On : 20 Oct 2022 15:01
 Operator : VA/SY
 Sample : N5184-01RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-101822RE

Quant Time: Oct 21 02:52:50 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	7.875	168	4375	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	8234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	7929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3626	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4246	127.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 254.240%#	
35) Dibromofluoromethane	7.805	113	3600	79.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 159.120%#	
50) Toluene-d8	10.263	98	9633	58.451	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.900%	
62) 4-Bromofluorobenzene	12.569	95	3220	68.638	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 137.280%	

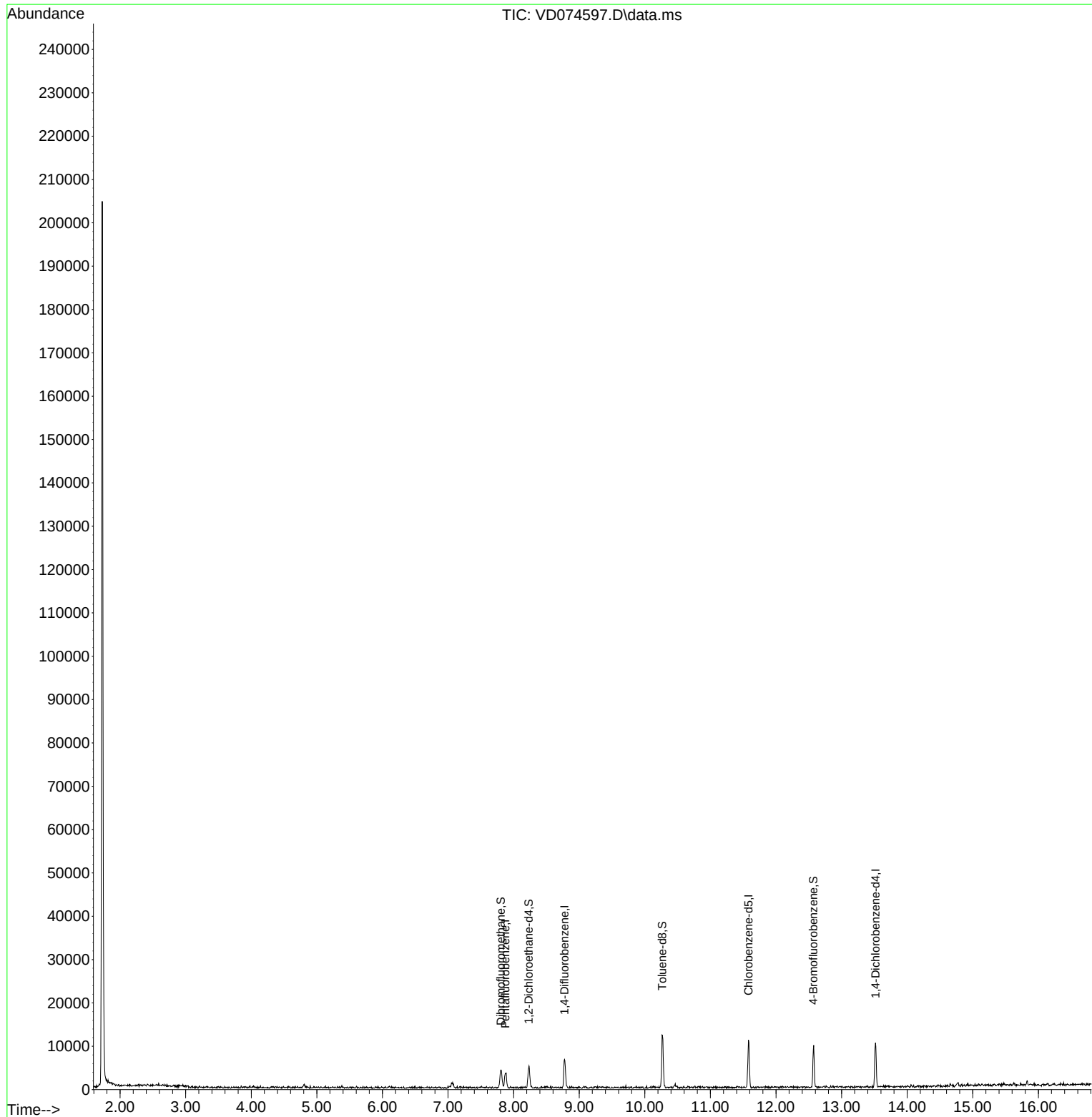
Target Compounds	Qvalue

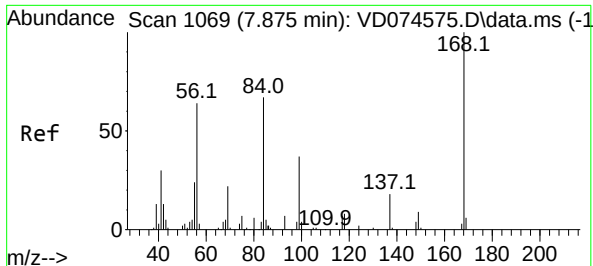
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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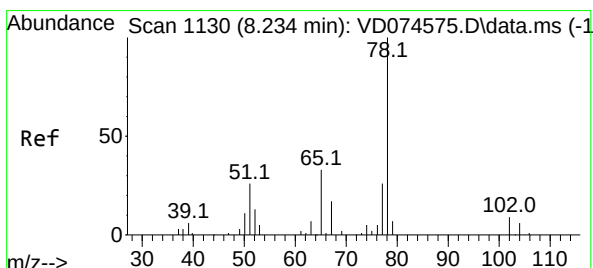
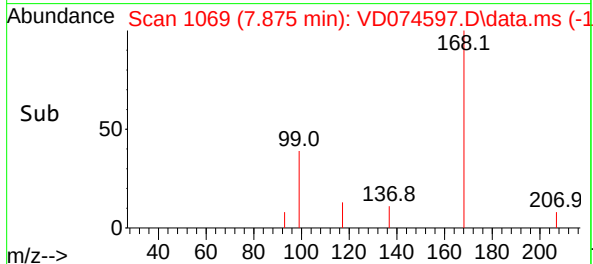
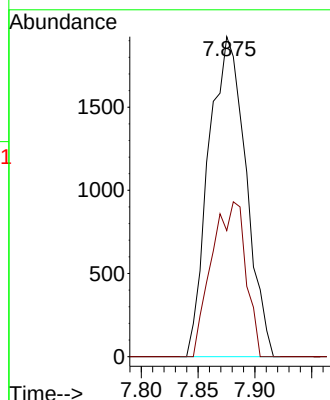
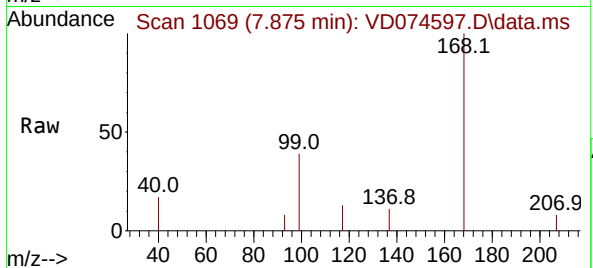




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

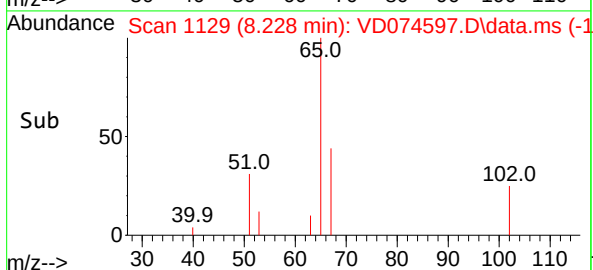
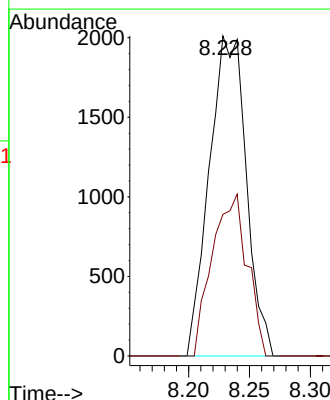
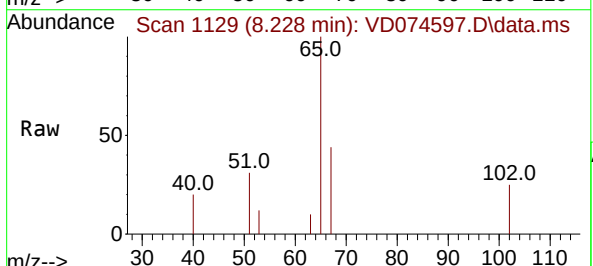
Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822RE

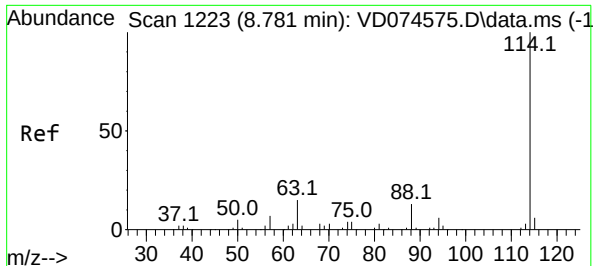
Tgt Ion:168 Resp: 4375
Ion Ratio Lower Upper
168 100
99 39.4 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 127.117 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion: 65 Resp: 4246
Ion Ratio Lower Upper
65 100
67 47.9 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: VD074597.D

Acq: 20 Oct 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

EO-02-101822RE

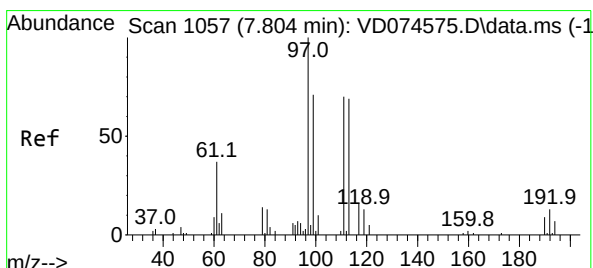
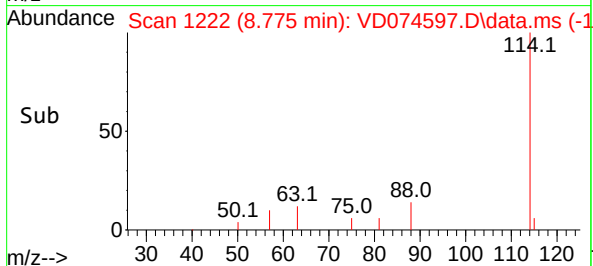
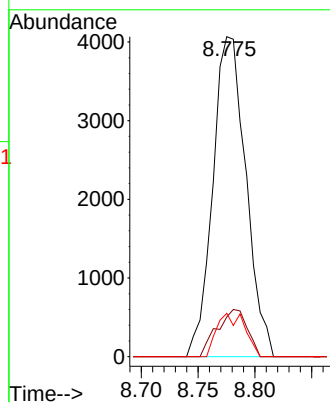
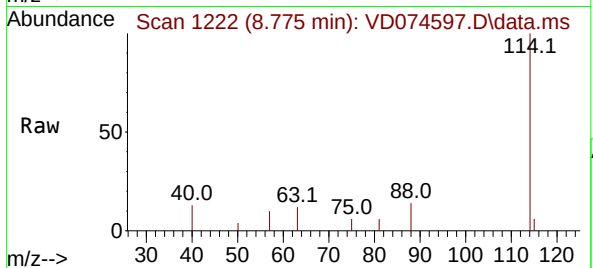
Tgt Ion:114 Resp: 8234

Ion Ratio Lower Upper

114 100

63 12.4 0.0 33.2

88 13.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 79.565 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074597.D

Acq: 20 Oct 2022 15:01

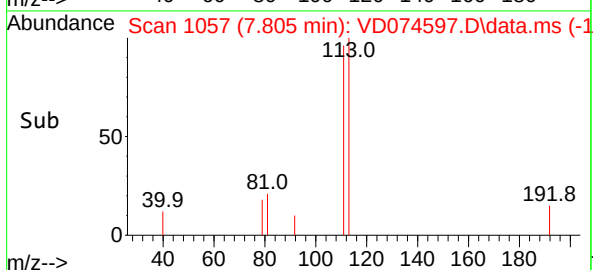
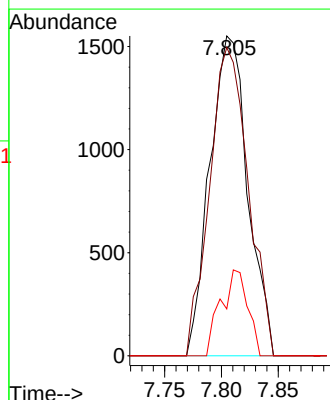
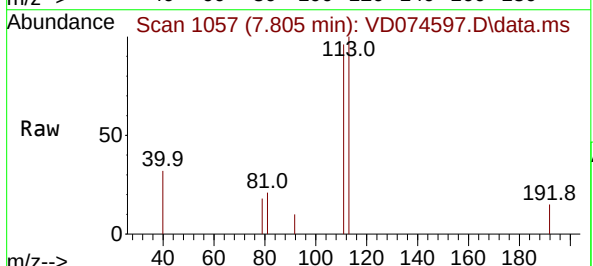
Tgt Ion:113 Resp: 3600

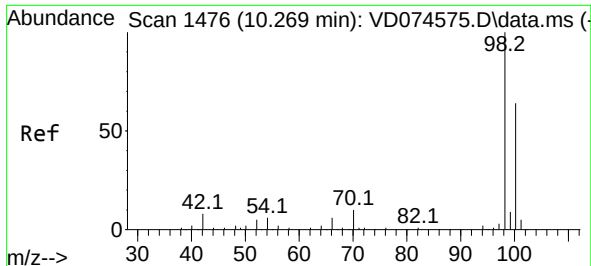
Ion Ratio Lower Upper

113 100

111 98.3 82.3 123.5

192 19.0 16.4 24.6

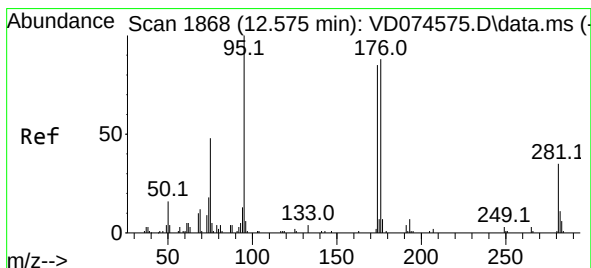
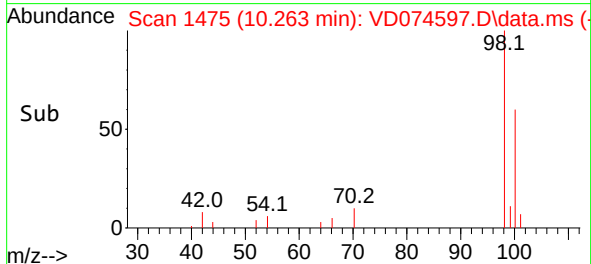
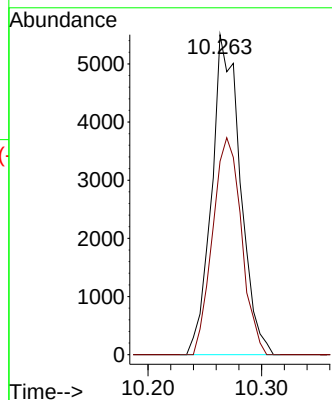
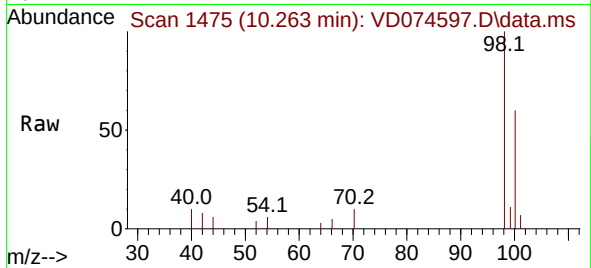




#50
Toluene-d8
Concen: 58.451 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

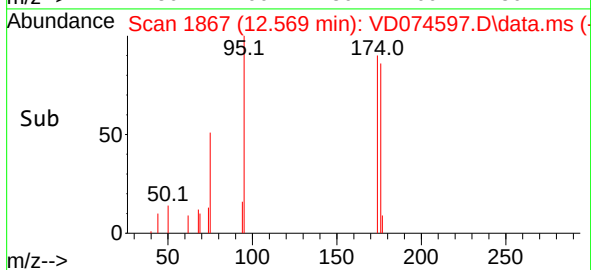
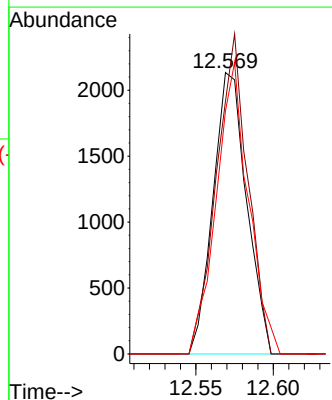
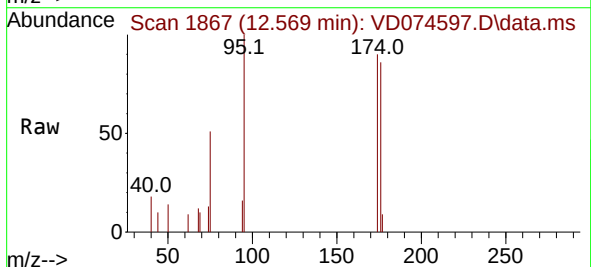
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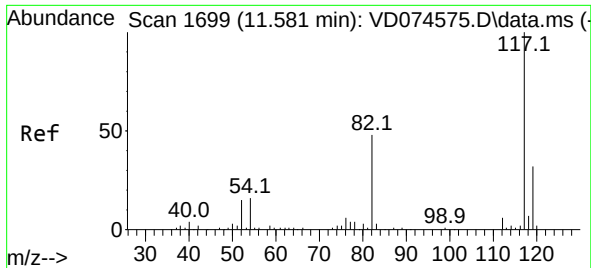
Tgt Ion: 98 Resp: 9633
Ion Ratio Lower Upper
98 100
100 68.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 68.638 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion: 95 Resp: 3220
Ion Ratio Lower Upper
95 100
174 106.1 0.0 197.0
176 99.3 0.0 182.6

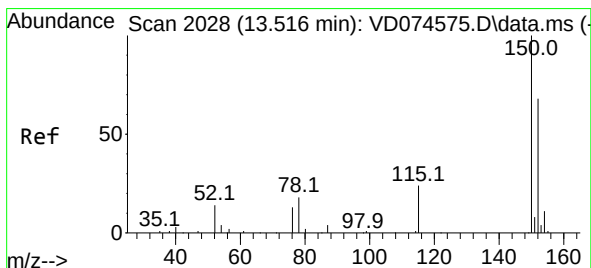
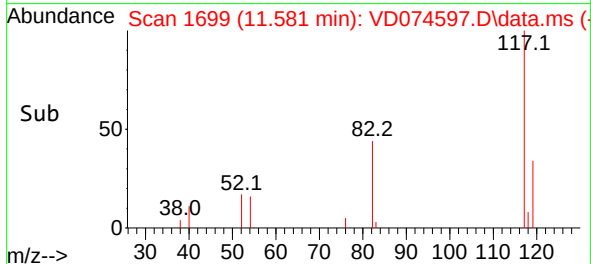
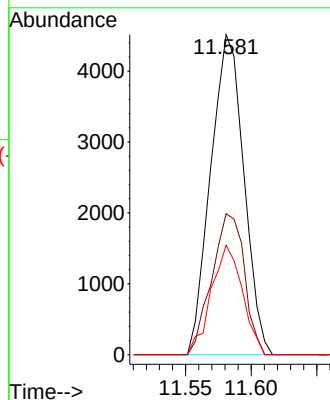
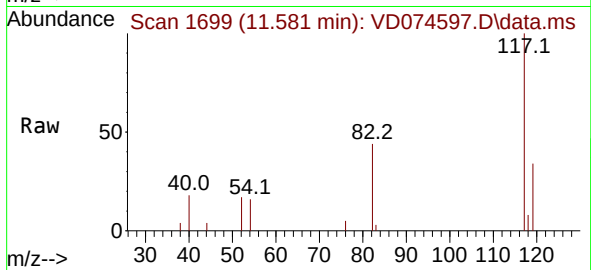




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074597.D
Acq: 20 Oct 2022 15:01

Instrument :
MSVOA_D
ClientSampleId :
EO-02-101822RE

Tgt Ion:117 Resp: 7929
Ion Ratio Lower Upper
117 100
82 44.1 41.6 62.4
119 34.2 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: VD074597.D
Acq: 20 Oct 2022 15:01

Tgt Ion:152 Resp: 3626
Ion Ratio Lower Upper
152 100
115 54.0 26.8 80.4
150 157.1 0.0 348.2

