

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075119.D
 Acq On : 11 Jan 2023 12:34
 Operator : KP/SY
 Sample : 01109-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-011023

Quant Time: Jan 12 04:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	3486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	8405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	7637	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3281	93.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.760%#	
35) Dibromofluoromethane	7.805	113	2449	46.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.640%	
50) Toluene-d8	10.269	98	9923	47.336	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.680%	
62) 4-Bromofluorobenzene	12.581	95	2969	44.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.240%	

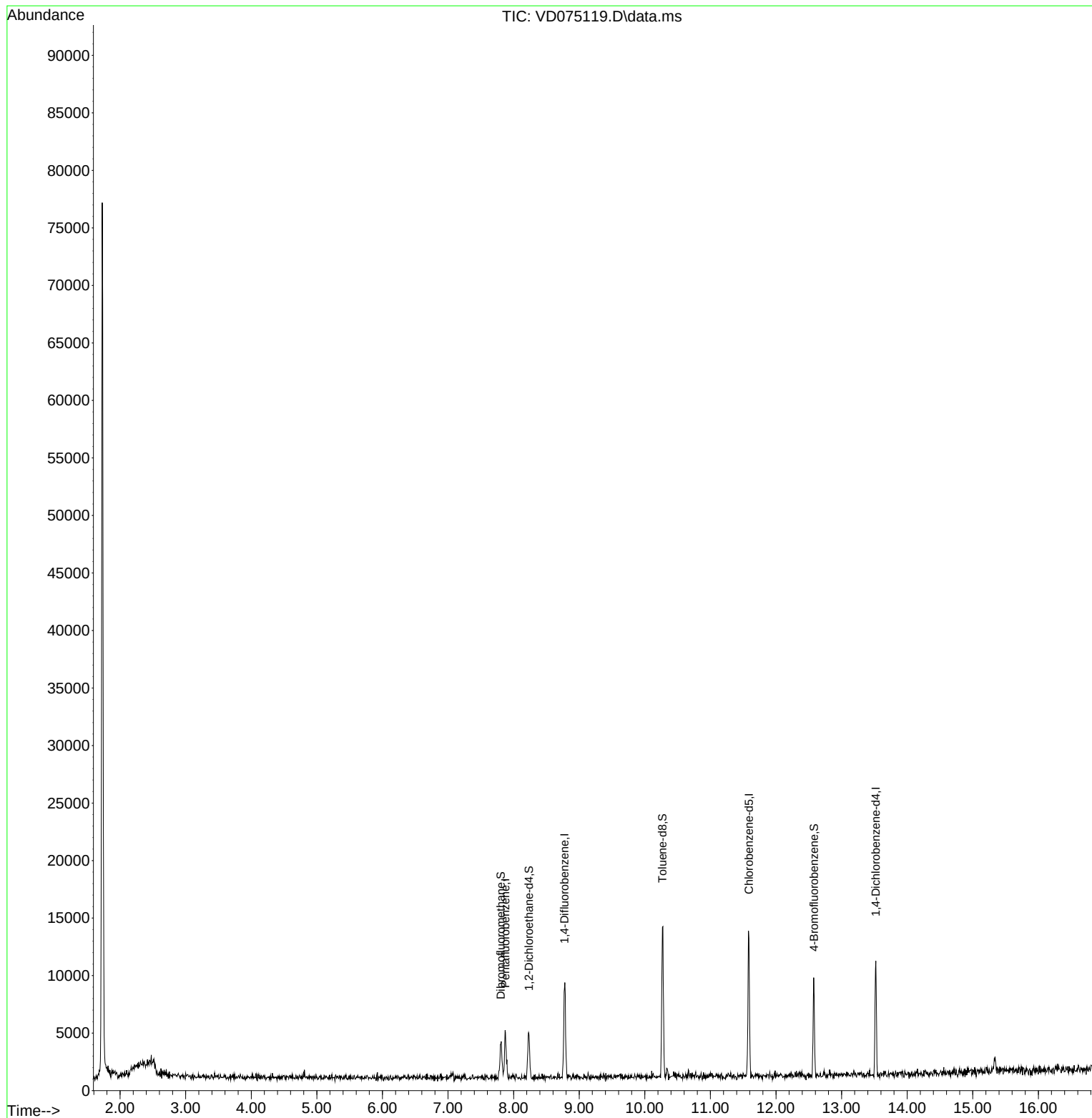
Target Compounds	Qvalue

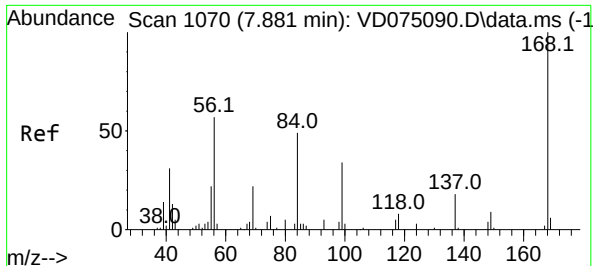
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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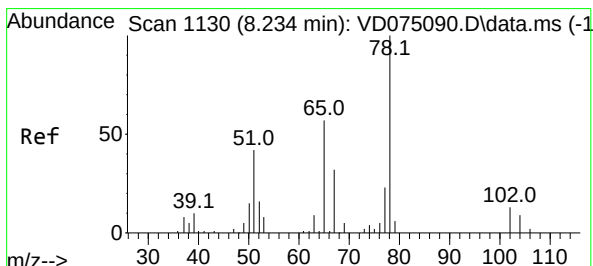
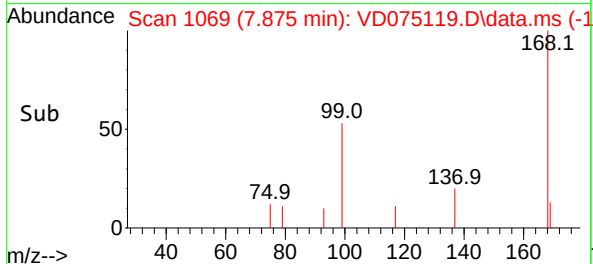
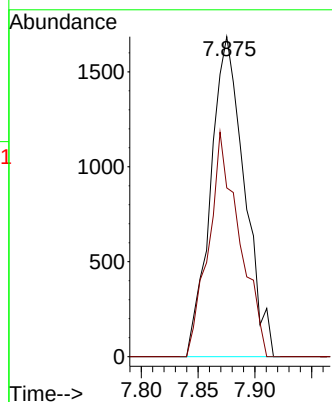
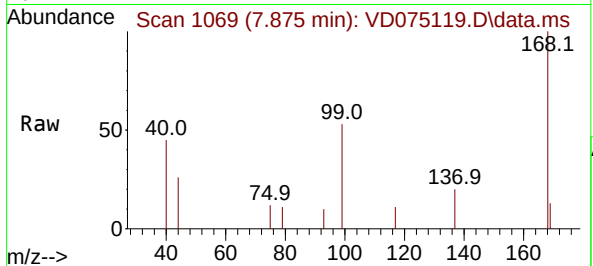




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075119.D
Acq: 11 Jan 2023 12:34

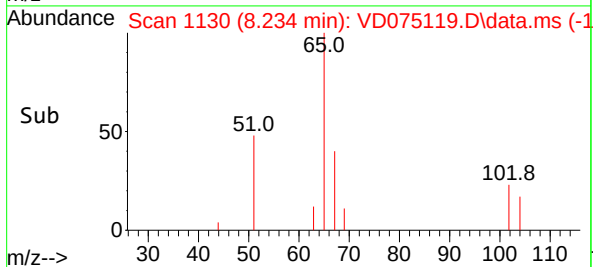
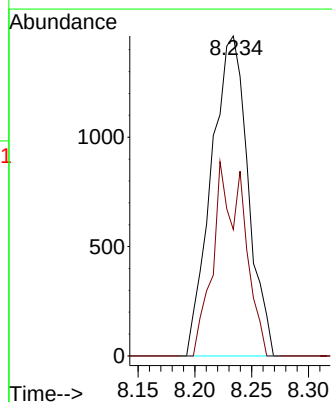
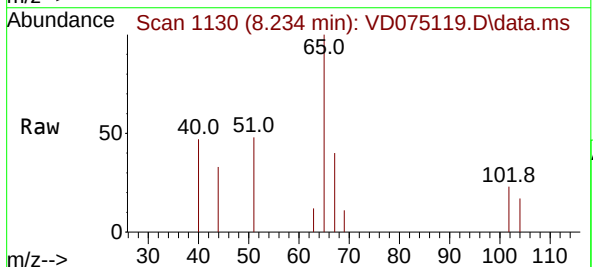
Instrument :
MSVOA_D
ClientSampleId :
OR-03-011023

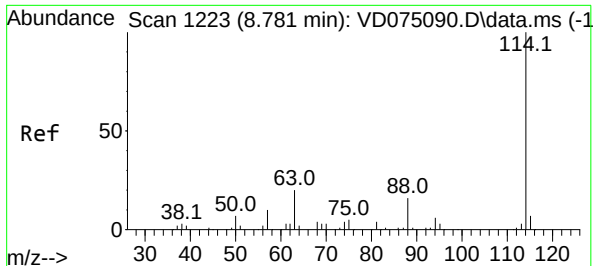
Tgt Ion:168 Resp: 3486
Ion Ratio Lower Upper
168 100
99 52.8 43.2 64.8



#33
1,2-Dichloroethane-d4
Concen: 93.880 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075119.D
Acq: 11 Jan 2023 12:34

Tgt Ion: 65 Resp: 3281
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075119.D

Acq: 11 Jan 2023 12:34

Instrument :

MSVOA_D

ClientSampleId :

OR-03-011023

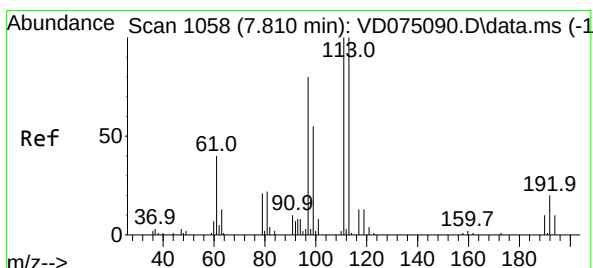
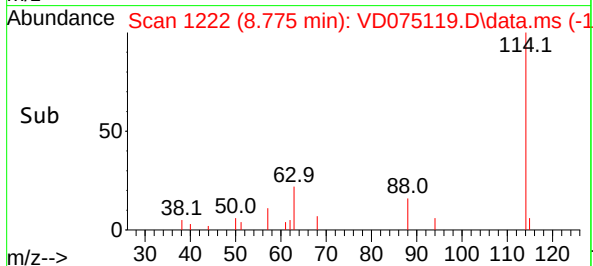
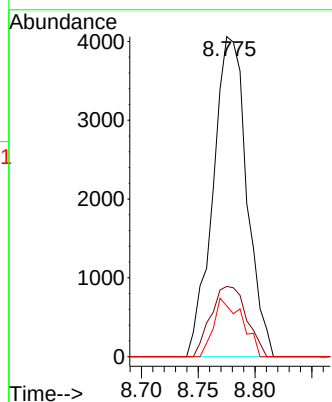
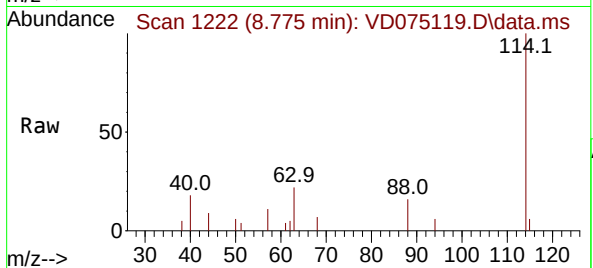
Tgt Ion:114 Resp: 8405

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 15.8 0.0 31.2



#35

Dibromofluoromethane

Concen: 46.321 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075119.D

Acq: 11 Jan 2023 12:34

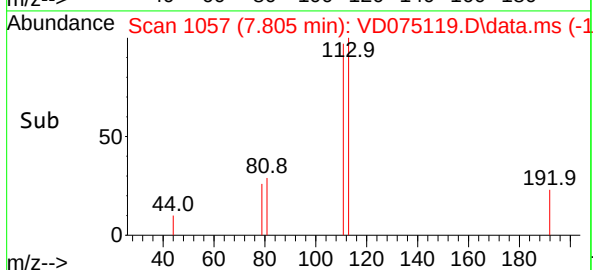
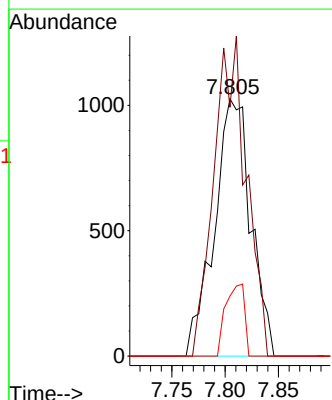
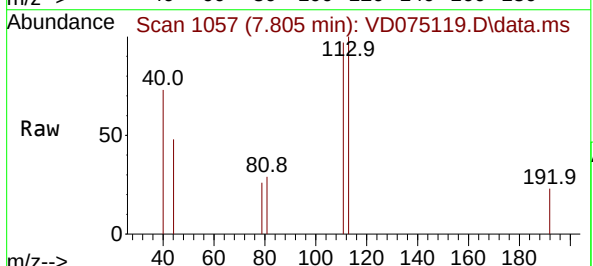
Tgt Ion:113 Resp: 2449

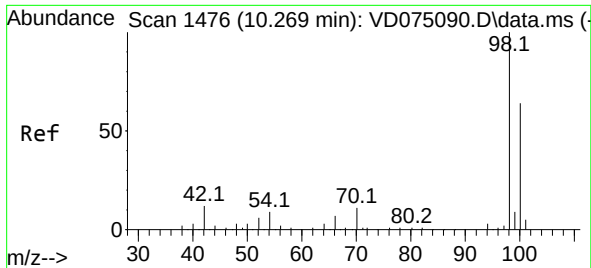
Ion Ratio Lower Upper

113 100

111 110.1 83.2 124.8

192 14.3 15.0 22.6#

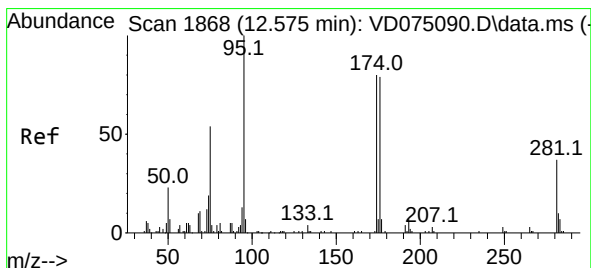
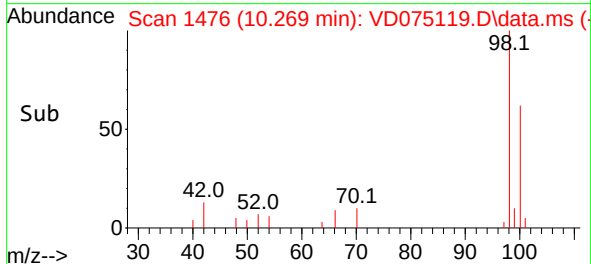
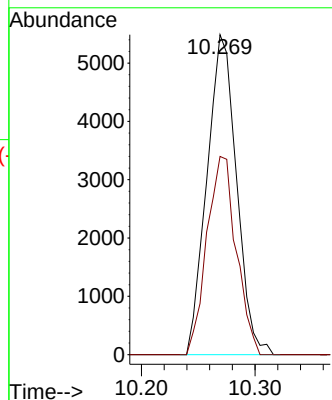
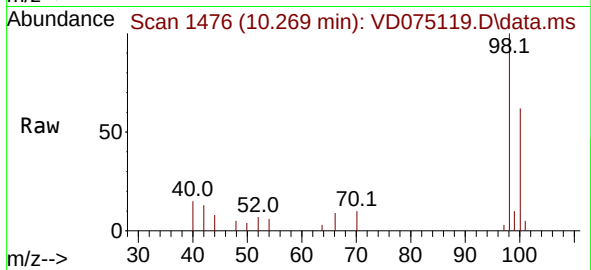




#50
Toluene-d8
Concen: 47.336 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075119.D
Acq: 11 Jan 2023 12:34

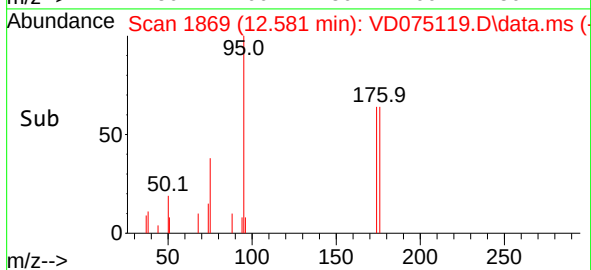
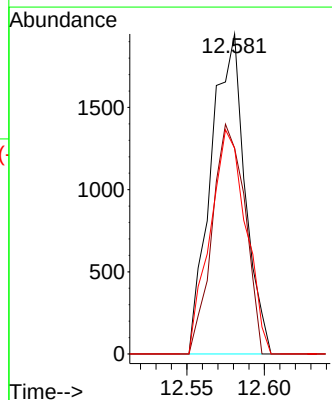
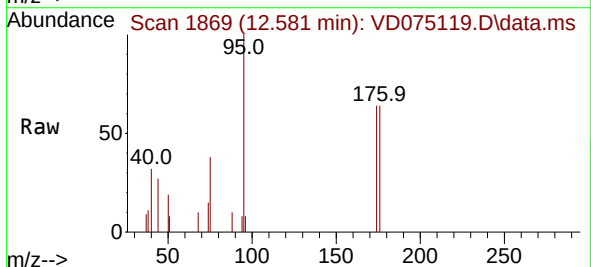
Instrument :
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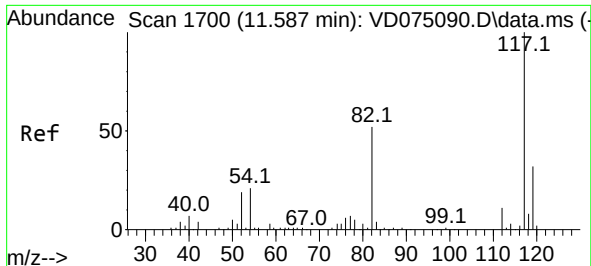
Tgt Ion: 98 Resp: 9923
Ion Ratio Lower Upper
98 100
100 61.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.125 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075119.D
Acq: 11 Jan 2023 12:34

Tgt Ion: 95 Resp: 2969
Ion Ratio Lower Upper
95 100
174 69.1 0.0 168.4
176 74.0 0.0 163.8

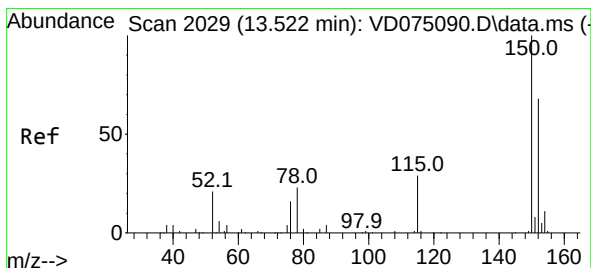
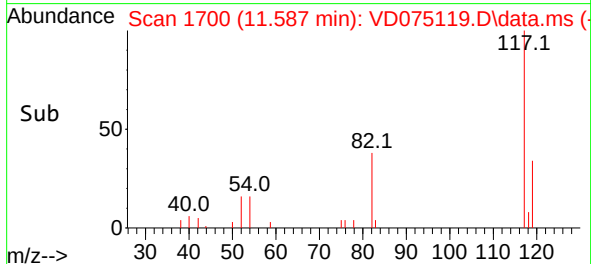
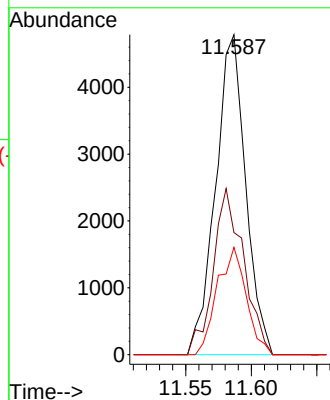
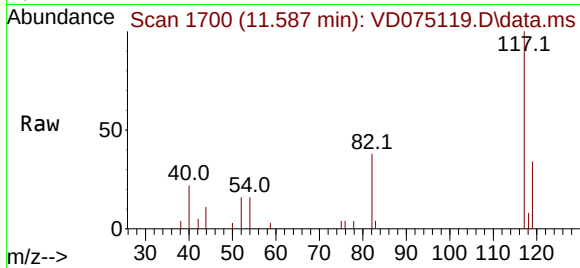




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075119.D
Acq: 11 Jan 2023 12:34

Instrument :
MSVOA_D
ClientSampleId :
OR-03-011023

Tgt Ion:117 Resp: 7637
Ion Ratio Lower Upper
117 100
82 38.2 41.3 61.9#
119 33.5 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD075119.D
Acq: 11 Jan 2023 12:34

Tgt Ion:152 Resp: 2965
Ion Ratio Lower Upper
152 100
115 57.2 28.7 86.1
150 154.6 0.0 343.2

