

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071566.D
 Acq On : 03 Jan 2022 15:22
 Operator : VA/SY
 Sample : M5241-04
 Misc : 3.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2D

Quant Time: Jan 03 15:58:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	11328	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	18583	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	18647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	8294	55.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.260%	
35) Dibromofluoromethane	7.908	113	5497	44.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.020%	
50) Toluene-d8	10.338	98	23687	50.187	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	12.626	95	7675	45.762	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.520%	

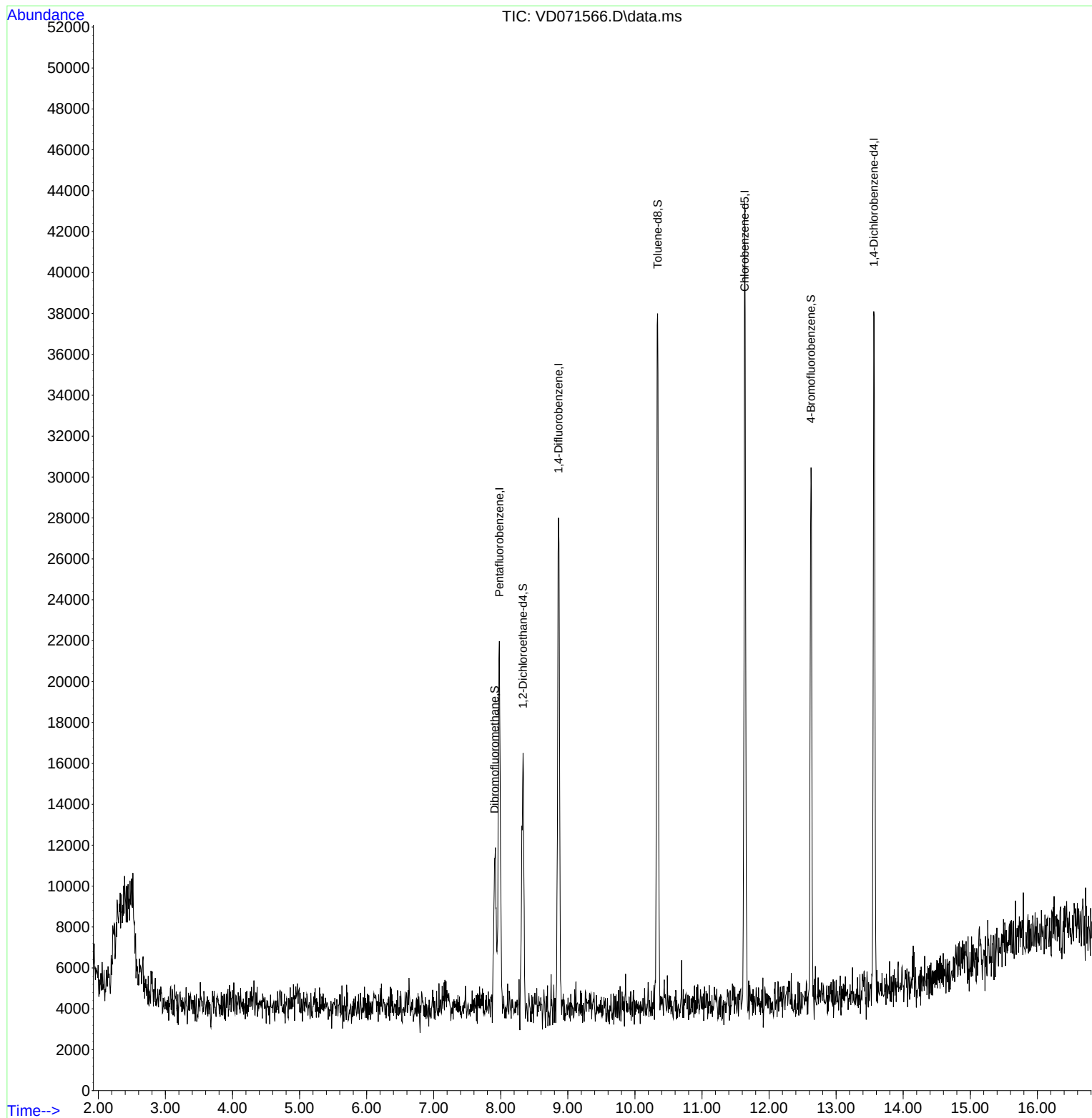
Target Compounds	Qvalue

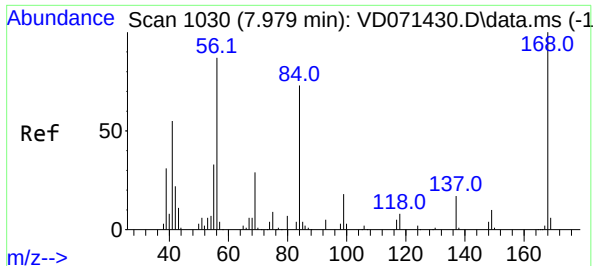
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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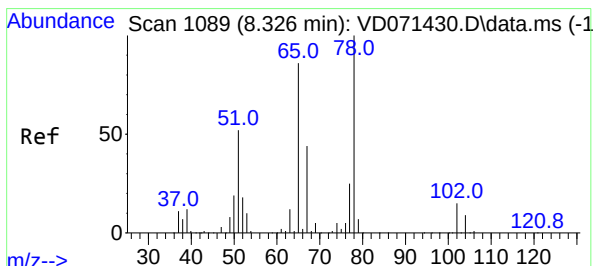
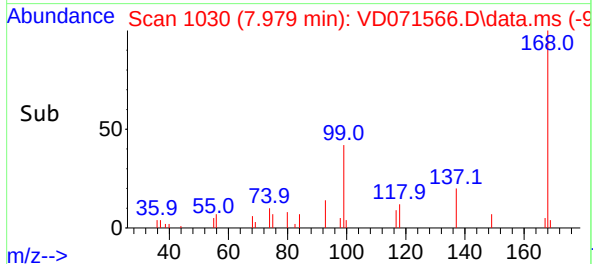
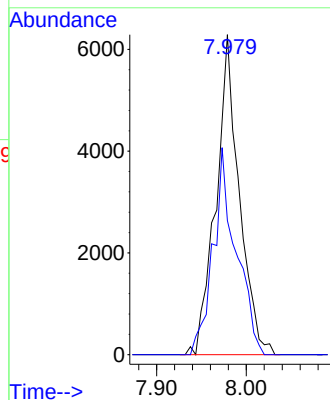
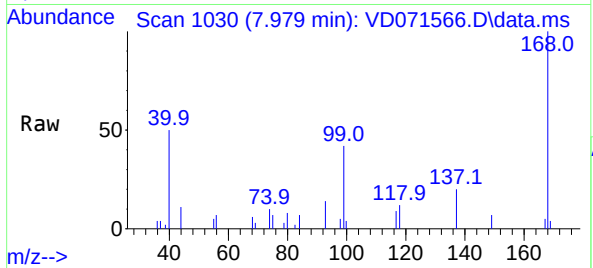




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071566.D
Acq: 03 Jan 2022 15:22

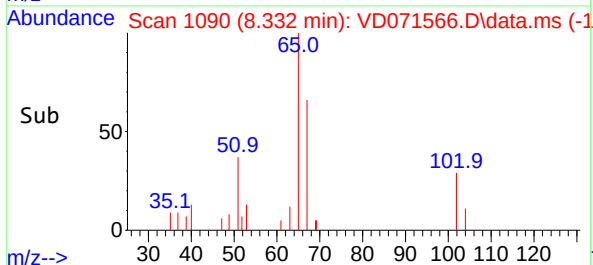
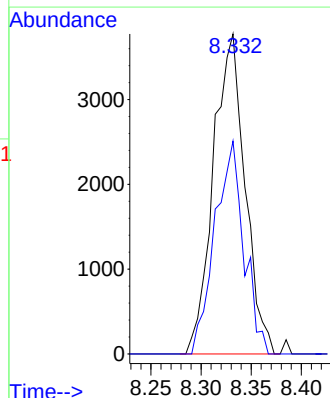
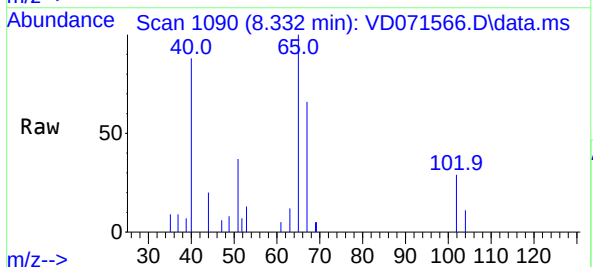
Instrument :
MSVOA_D
ClientSampleId :
TP-2D

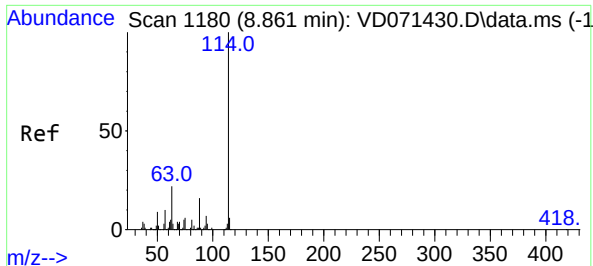
Tgt Ion:168 Resp: 11328
Ion Ratio Lower Upper
168 100
99 41.9 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 55.130 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071566.D
Acq: 03 Jan 2022 15:22

Tgt Ion: 65 Resp: 8294
Ion Ratio Lower Upper
65 100
67 60.9 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071566.D

Acq: 03 Jan 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

TP-2D

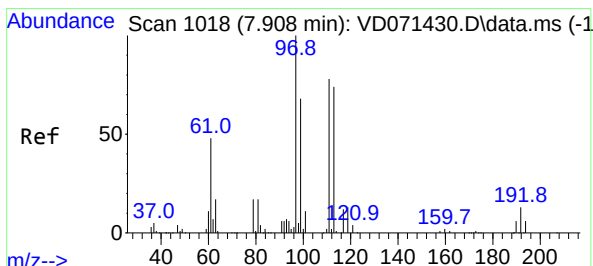
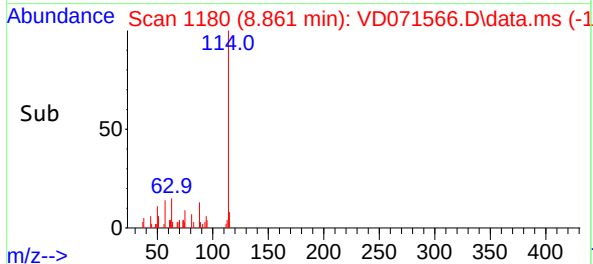
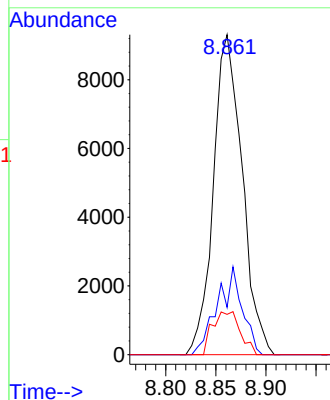
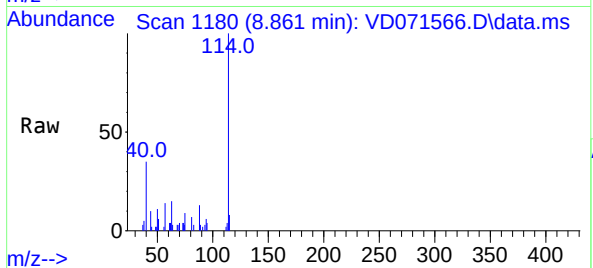
Tgt Ion:114 Resp: 18583

Ion Ratio Lower Upper

114 100

63 14.8 0.0 41.8

88 12.6 0.0 32.8



#35

Dibromofluoromethane

Concen: 44.014 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071566.D

Acq: 03 Jan 2022 15:22

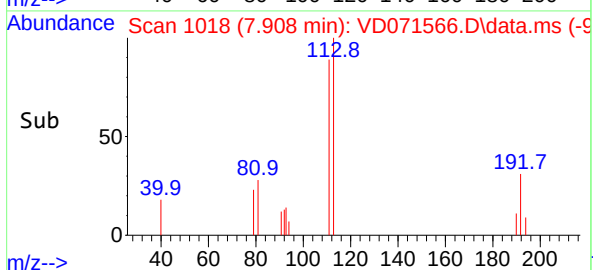
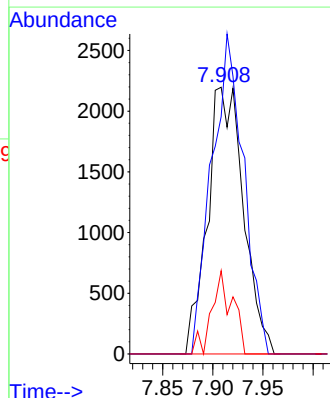
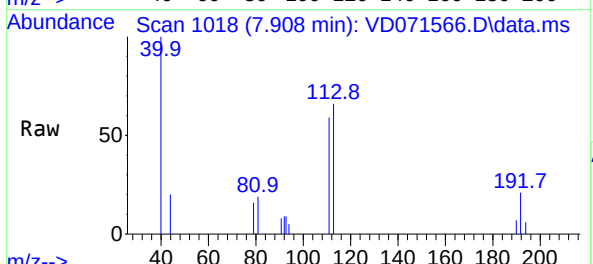
Tgt Ion:113 Resp: 5497

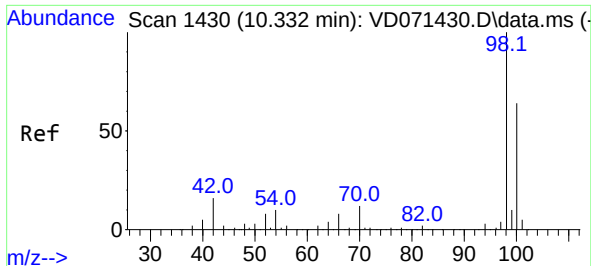
Ion Ratio Lower Upper

113 100

111 105.9 82.0 123.0

192 17.9 15.2 22.8

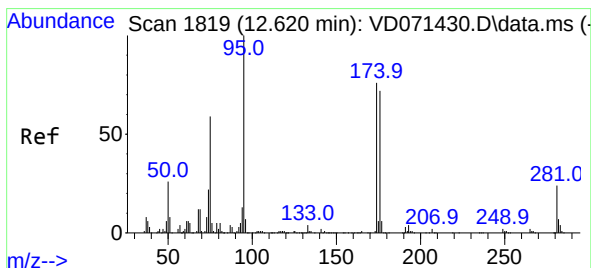
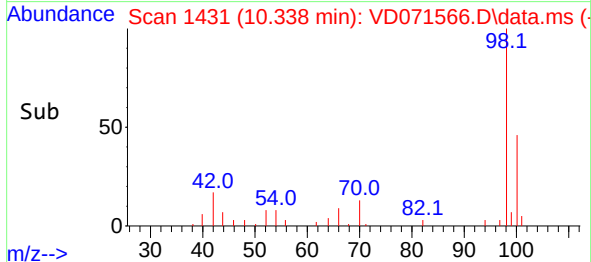
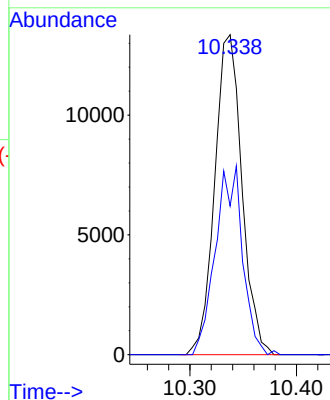
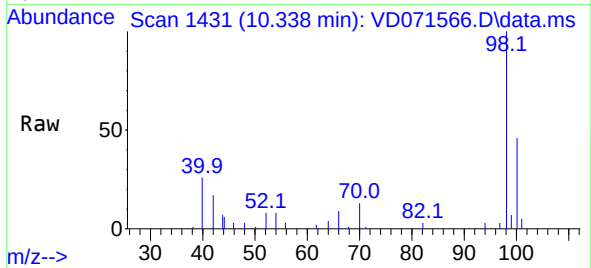




#50
Toluene-d8
Concen: 50.187 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071566.D
Acq: 03 Jan 2022 15:22

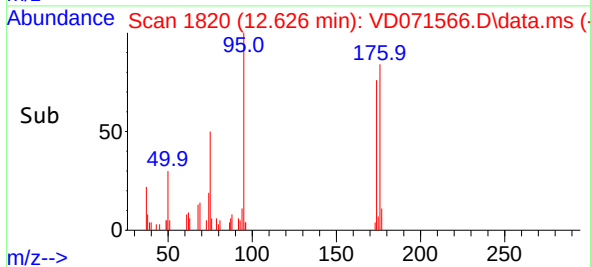
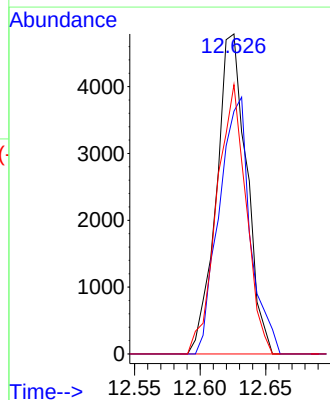
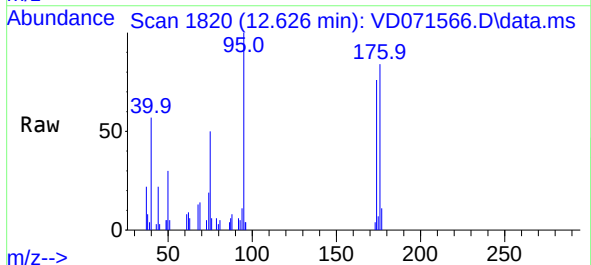
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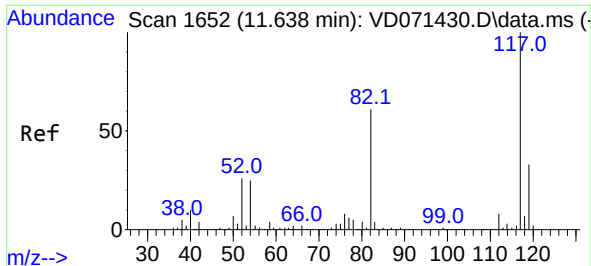
Tgt Ion: 98 Resp: 23687
Ion Ratio Lower Upper
98 100
100 58.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.762 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071566.D
Acq: 03 Jan 2022 15:22

Tgt Ion: 95 Resp: 7675
Ion Ratio Lower Upper
95 100
174 82.7 0.0 159.4
176 82.0 0.0 154.0

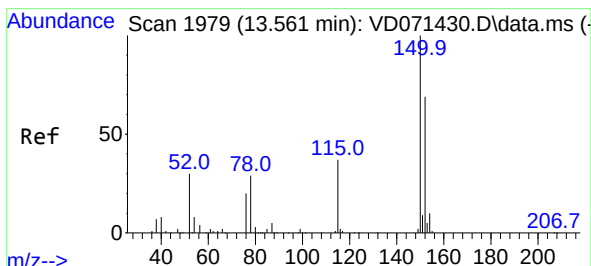
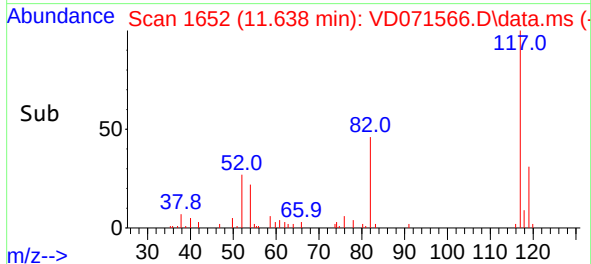
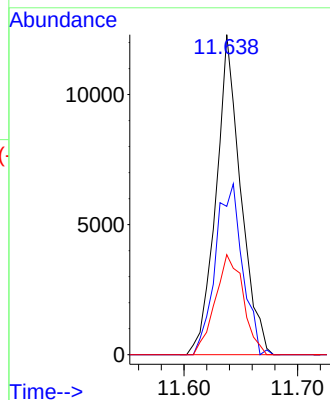
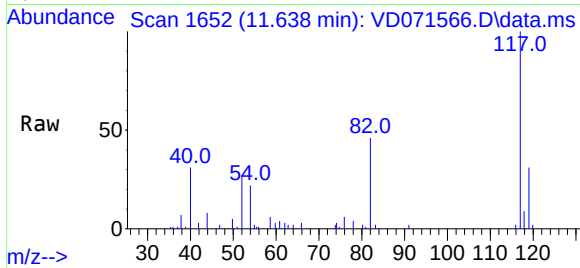




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071566.D
Acq: 03 Jan 2022 15:22

Instrument :
MSVOA_D
ClientSampleId :
TP-2D

Tgt Ion:117	Resp:	18647
Ion Ratio	Lower	Upper
117	100	
82	46.4	44.7 67.1
119	31.2	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD071566.D
Acq: 03 Jan 2022 15:22

Tgt Ion:152	Resp:	8284
Ion Ratio	Lower	Upper
152	100	
115	62.2	29.8 89.3
150	149.5	0.0 349.2

