

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071230.D
 Acq On : 09 Dec 2021 16:07
 Operator : VA/SY
 Sample : M4990-04
 Misc : 7.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R3-7

Quant Time: Dec 10 06:45:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	102771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	179325	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	211473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112253	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	76801	63.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.38%	
35) Dibromofluoromethane	7.914	113	63124	55.28	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.56%	
50) Toluene-d8	10.338	98	237678	54.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.38%	
62) 4-Bromofluorobenzene	12.626	95	107472	71.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 142.70%	

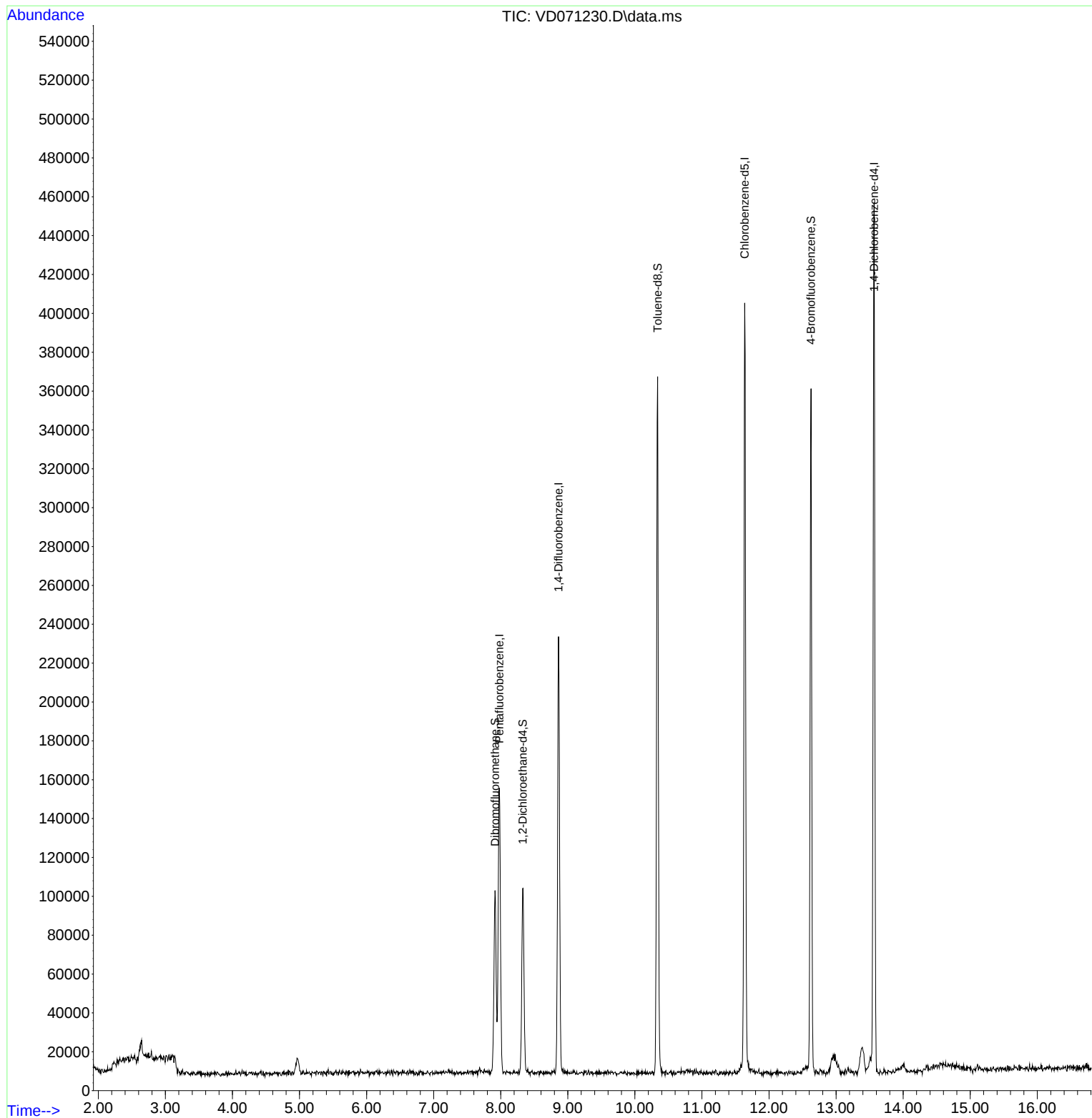
Target Compounds	Qvalue

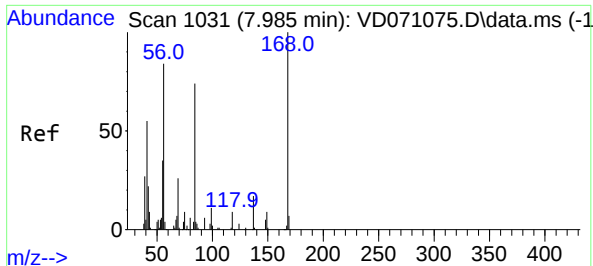
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071230.D

Acq: 09 Dec 2021 16:07

Instrument :

MSVOA_D

ClientSampleId :

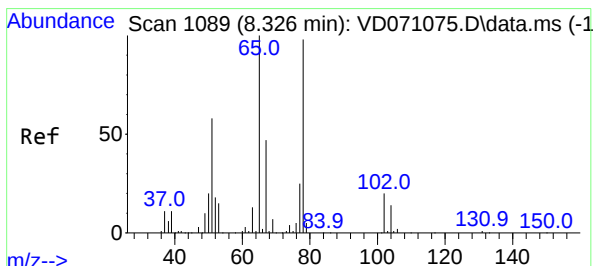
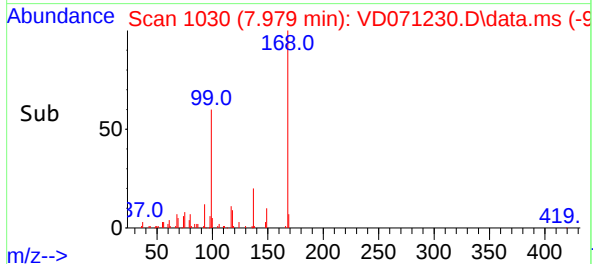
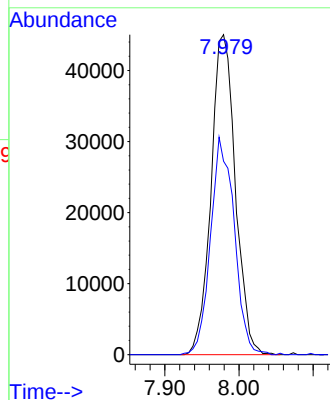
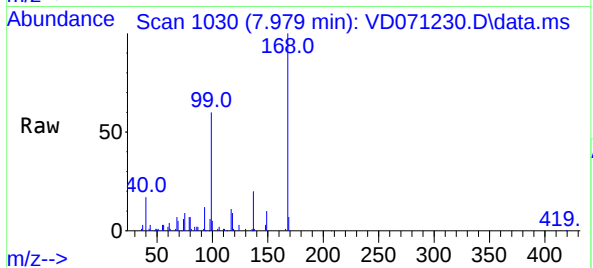
R3-7

Tgt Ion:168 Resp: 102771

Ion Ratio Lower Upper

168 100

99 60.5 46.6 69.8



1,2-Dichloroethane-d4

Concen: 63.69 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071230.D

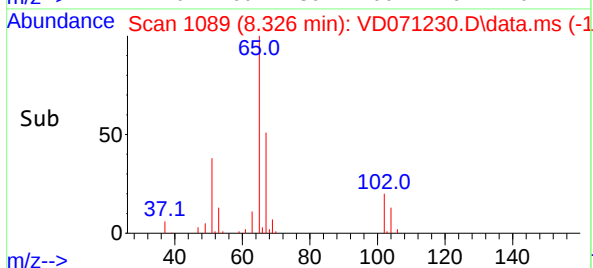
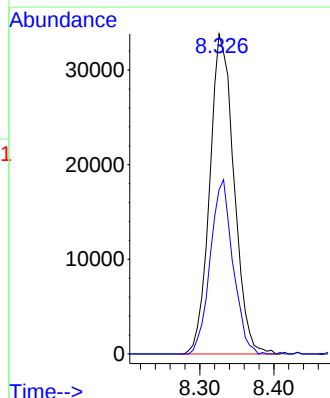
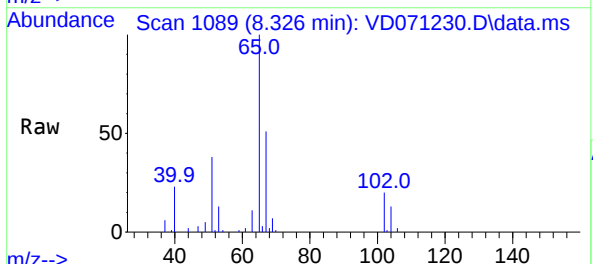
Acq: 09 Dec 2021 16:07

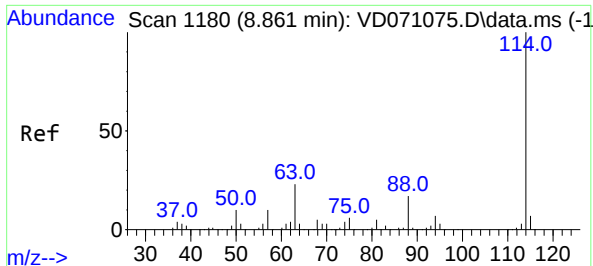
Tgt Ion: 65 Resp: 76801

Ion Ratio Lower Upper

65 100

67 51.0 0.0 112.2



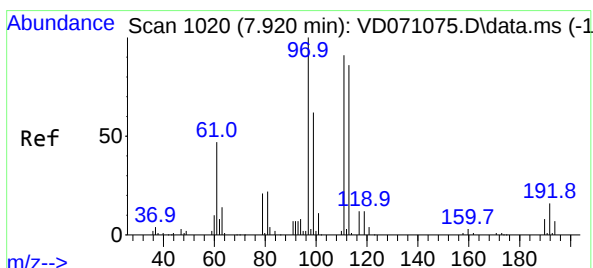
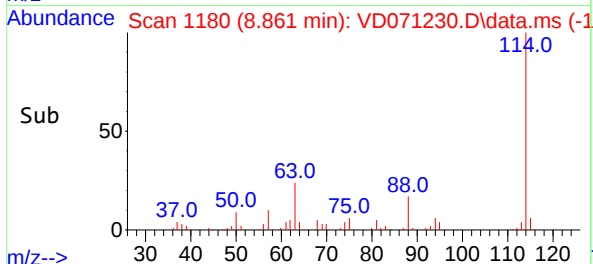
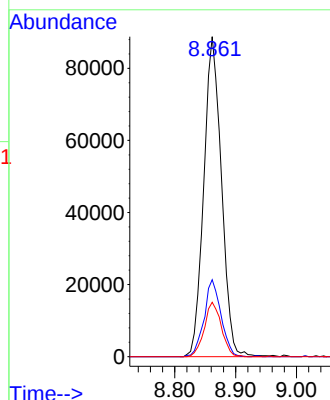
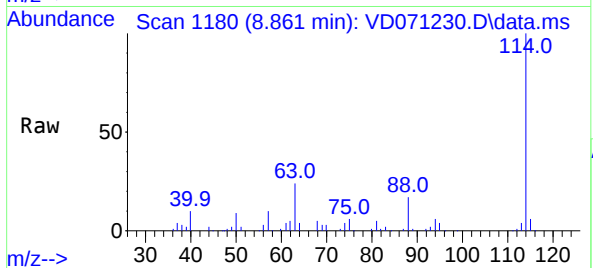


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071230.D
Acq: 09 Dec 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
R3-7

Tgt Ion:114 Resp: 179325

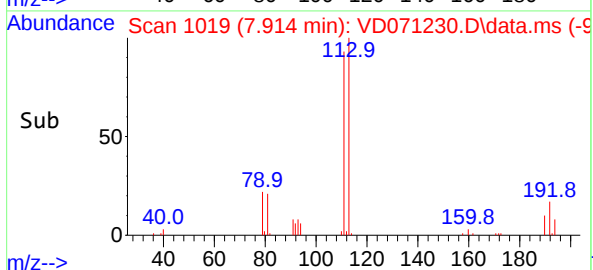
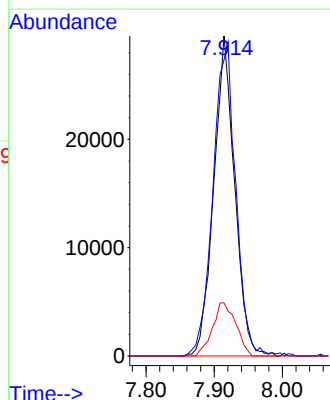
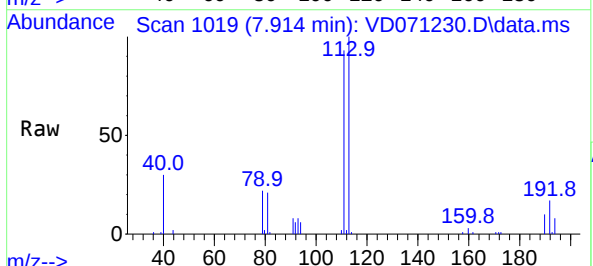
Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	41.8
88	17.0	0.0	32.8

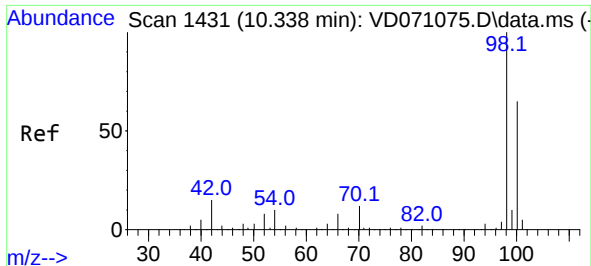


#35
Dibromofluoromethane
Concen: 55.28 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071230.D
Acq: 09 Dec 2021 16:07

Tgt Ion:113 Resp: 63124

Ion	Ratio	Lower	Upper
113	100		
111	106.1	82.0	123.0
192	18.5	15.2	22.8

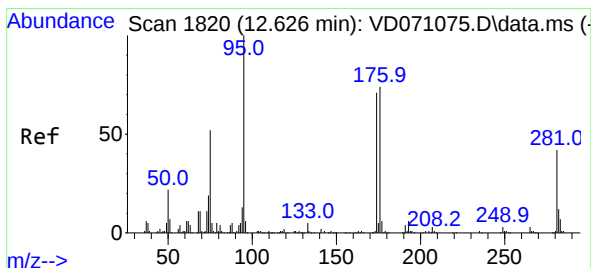
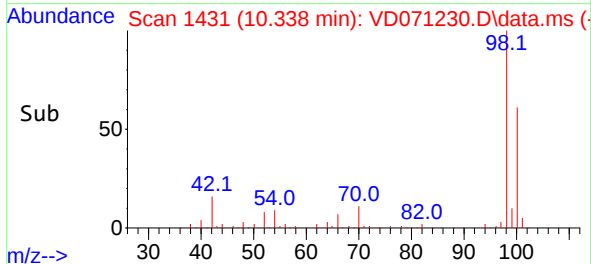
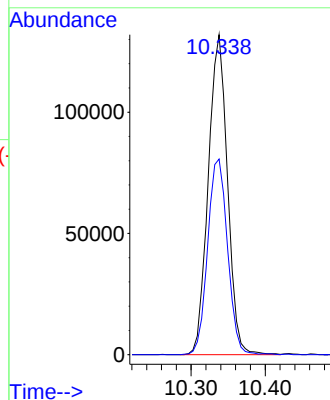
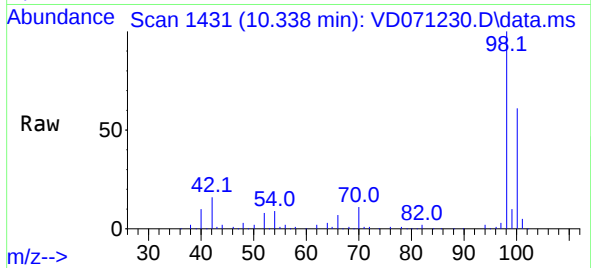




#50
Toluene-d8
Concen: 54.69 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071230.D
Acq: 09 Dec 2021 16:07

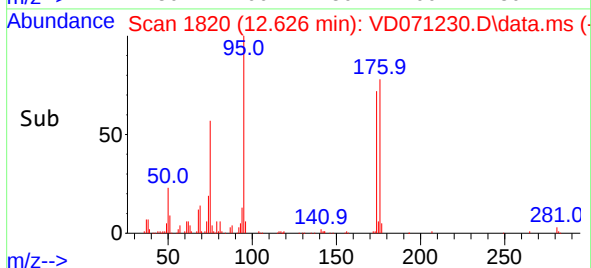
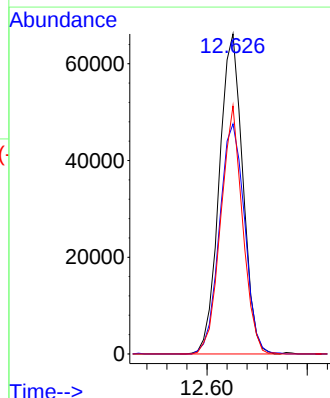
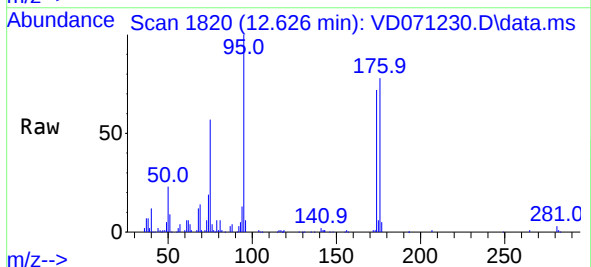
Instrument :
MSVOA_D
ClientSampleId :
R3-7

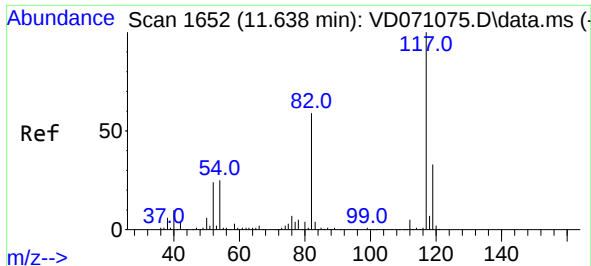
Tgt Ion: 98 Resp: 237678
Ion Ratio Lower Upper
98 100
100 63.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.35 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071230.D
Acq: 09 Dec 2021 16:07

Tgt Ion: 95 Resp: 107472
Ion Ratio Lower Upper
95 100
174 76.7 0.0 159.4
176 72.0 0.0 154.0

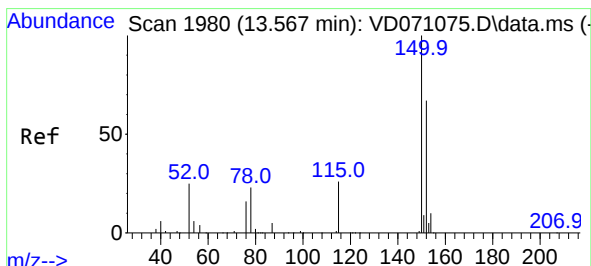
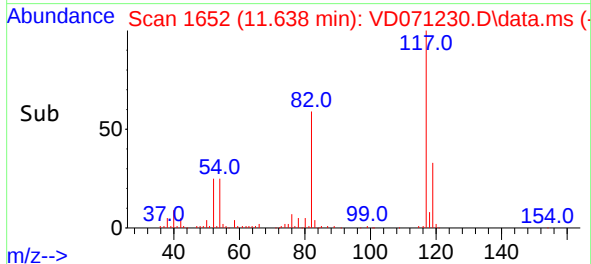
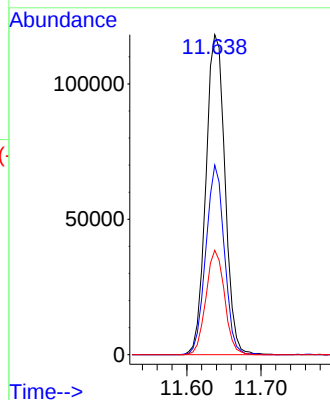
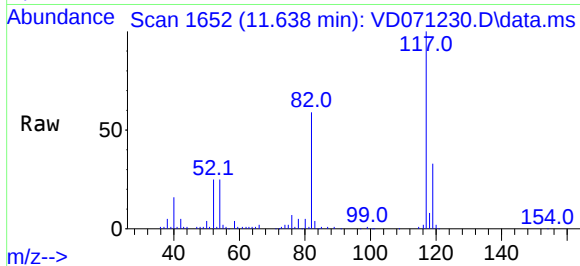




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071230.D
Acq: 09 Dec 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
R3-7

Tgt Ion:	117	Resp:	211473
Ion	Ratio	Lower	Upper
117	100		
82	59.2	44.7	67.1
119	32.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071230.D
Acq: 09 Dec 2021 16:07

Tgt Ion:	152	Resp:	112253
Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.8	89.3
150	156.1	0.0	349.2

