

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121621\
 Data File : VD071367.D
 Acq On : 16 Dec 2021 15:10
 Operator : VA/SY
 Sample : M5089-13
 Misc : 6.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MS-4

Quant Time: Dec 16 23:49:21 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	7.973	168	365170	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	642032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	573314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	246543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246486	57.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.060%
35) Dibromofluoromethane	7.914	113	210339	51.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.332	98	796505	51.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.620	95	255539	47.382	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.760%

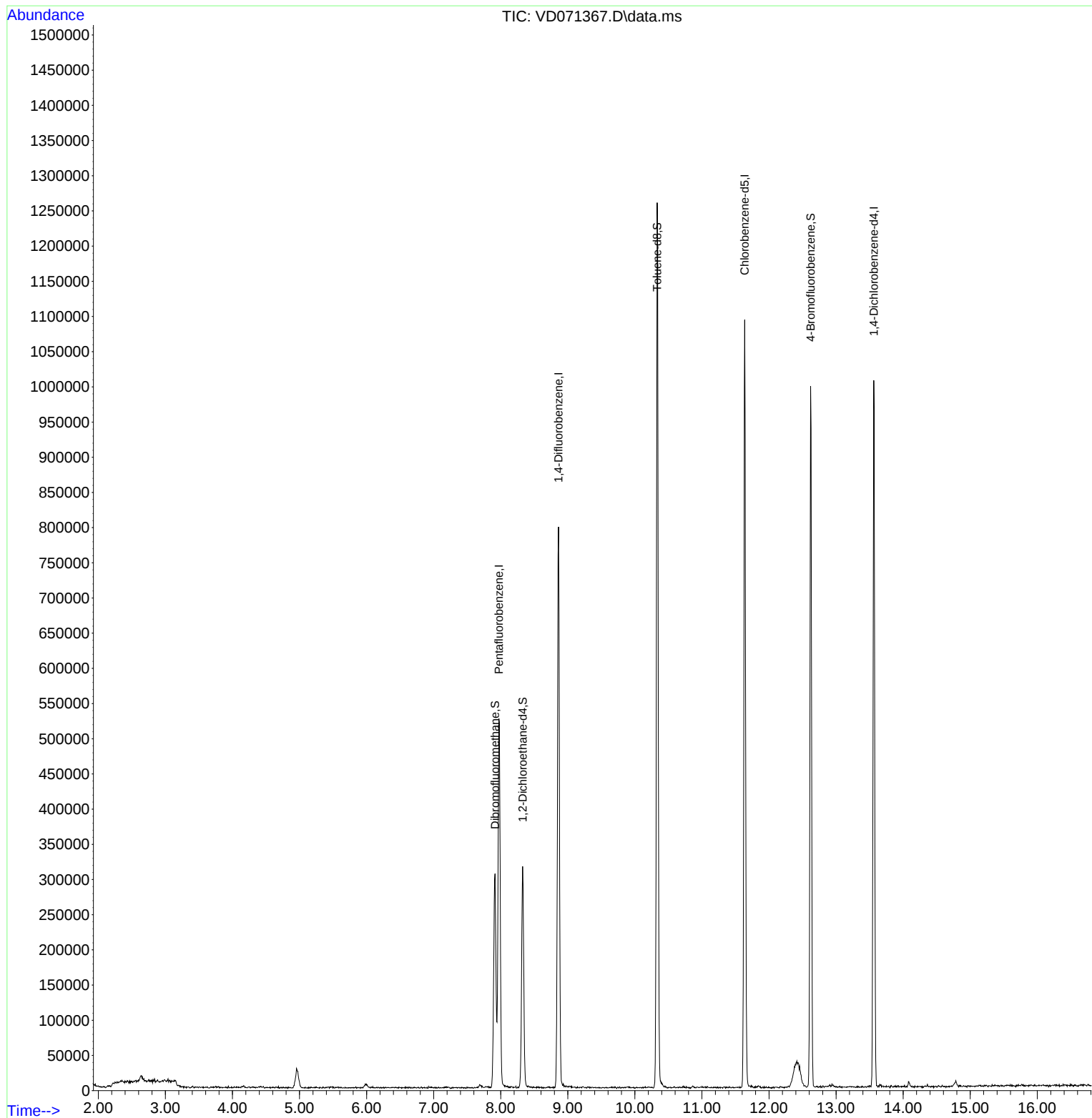
Target Compounds	Qvalue

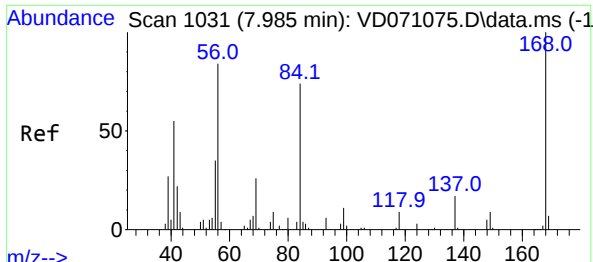
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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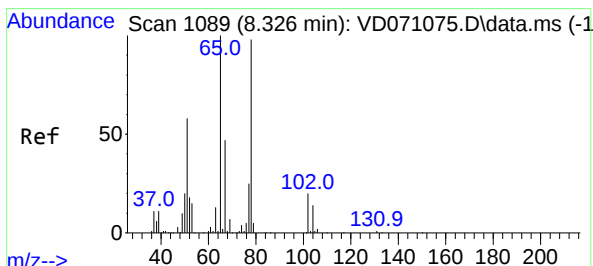
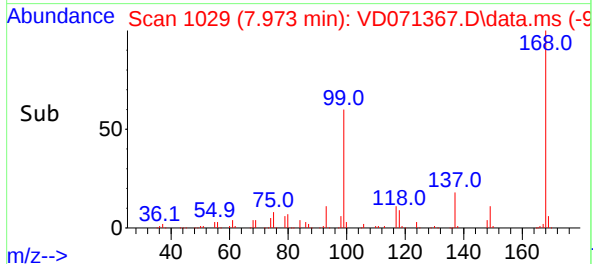
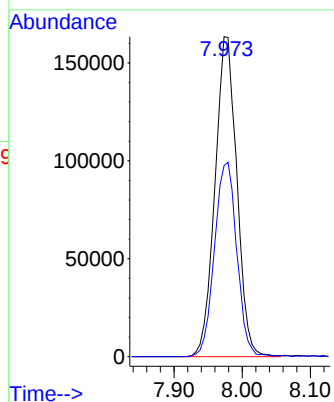
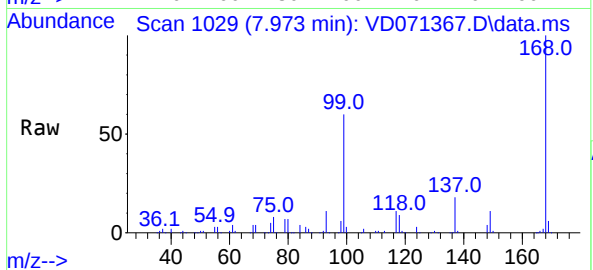




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071367.D
Acq: 16 Dec 2021 15:10

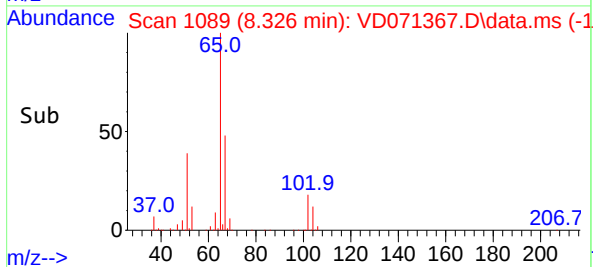
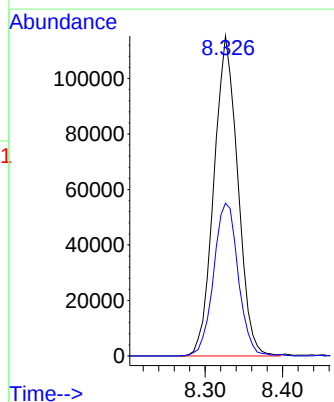
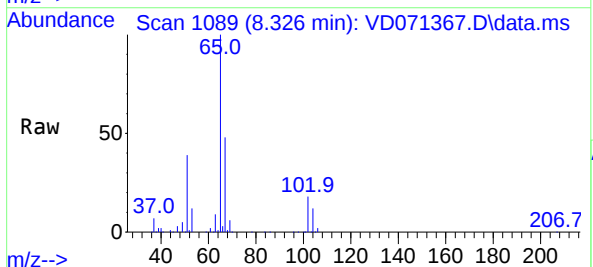
Instrument :
MSVOA_D
ClientSampleId :
MS-4

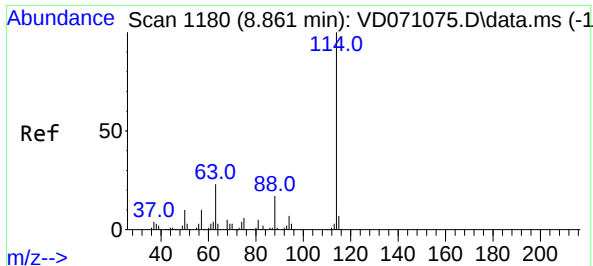
Tgt Ion:168 Resp: 365170
Ion Ratio Lower Upper
168 100
99 59.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 57.525 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071367.D
Acq: 16 Dec 2021 15:10

Tgt Ion: 65 Resp: 246486
Ion Ratio Lower Upper
65 100
67 49.4 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: VD071367.D

Acq: 16 Dec 2021 15:10

Instrument :

MSVOA_D

ClientSampleId :

MS-4

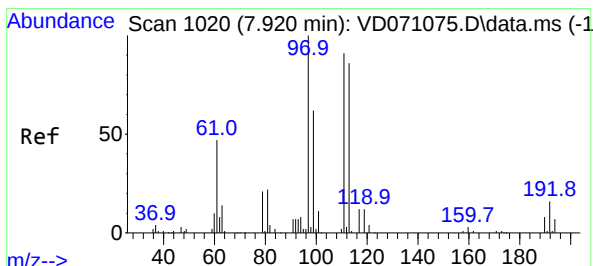
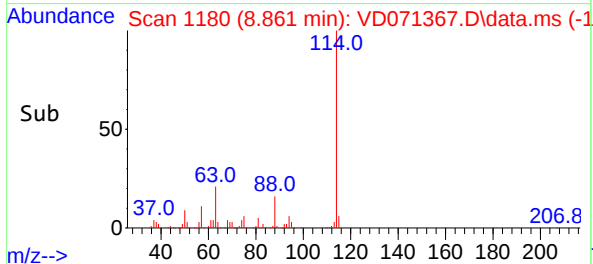
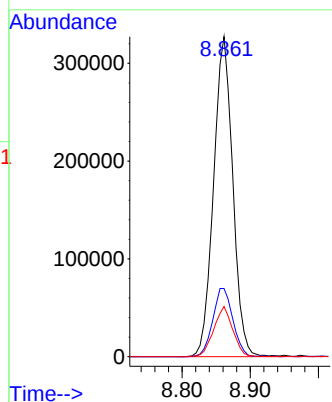
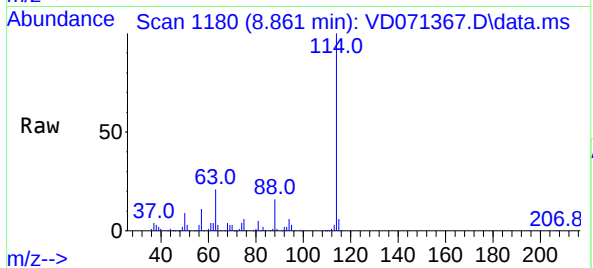
Tgt Ion:114 Resp: 642032

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.8

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.448 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071367.D

Acq: 16 Dec 2021 15:10

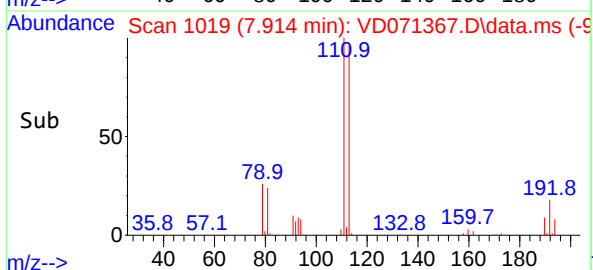
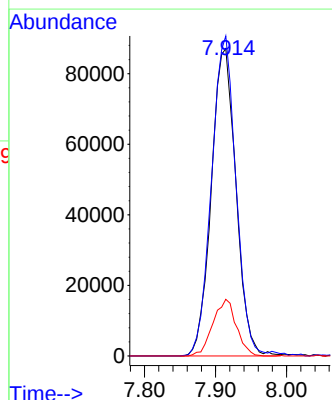
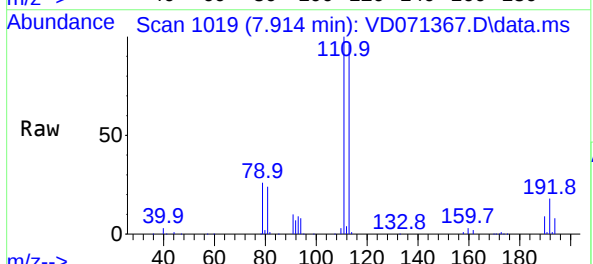
Tgt Ion:113 Resp: 210339

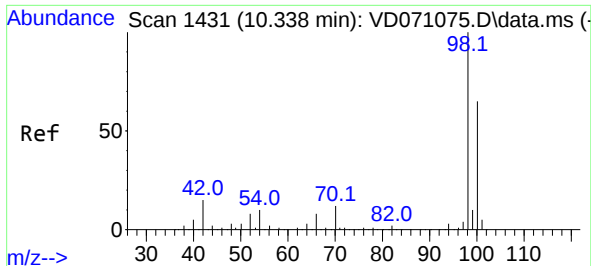
Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 17.5 15.2 22.8

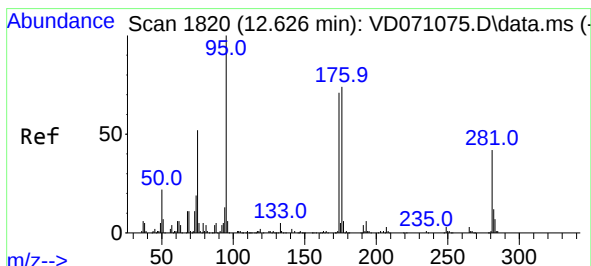
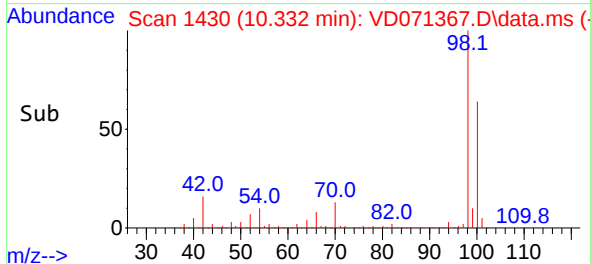
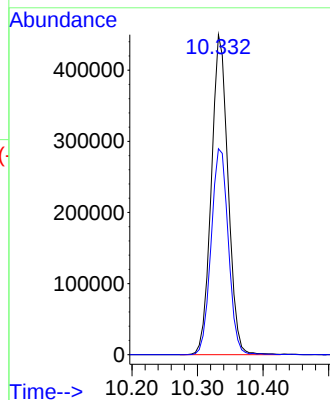
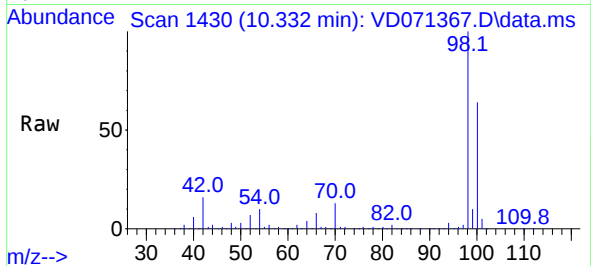




#50
Toluene-d8
Concen: 51.194 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071367.D
Acq: 16 Dec 2021 15:10

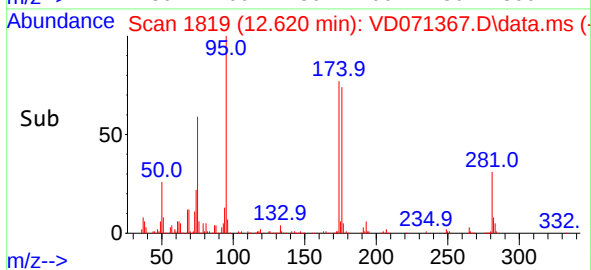
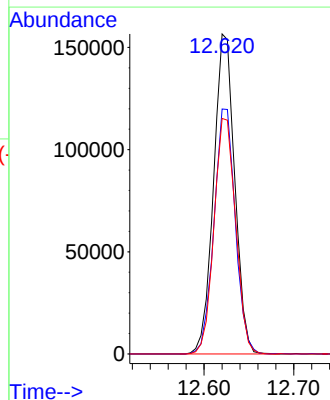
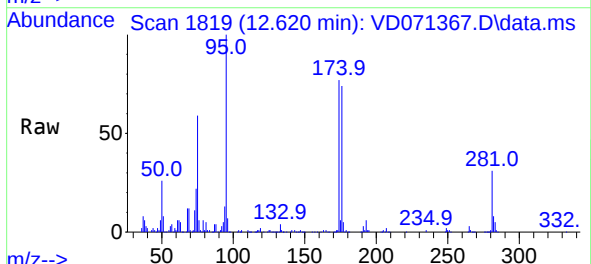
Instrument :
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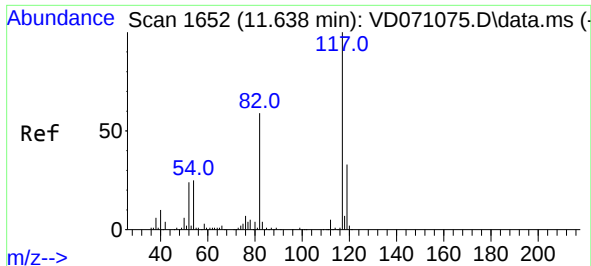
Tgt Ion: 98 Resp: 796505
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.382 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071367.D
Acq: 16 Dec 2021 15:10

Tgt Ion: 95 Resp: 255539
Ion Ratio Lower Upper
95 100
174 77.1 0.0 159.4
176 75.3 0.0 154.0

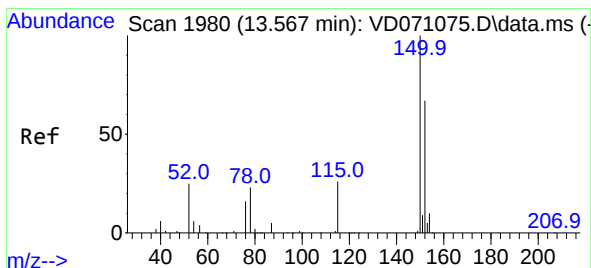
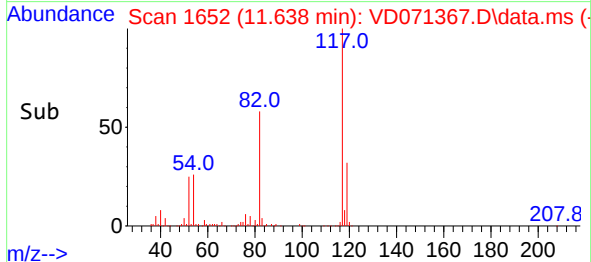
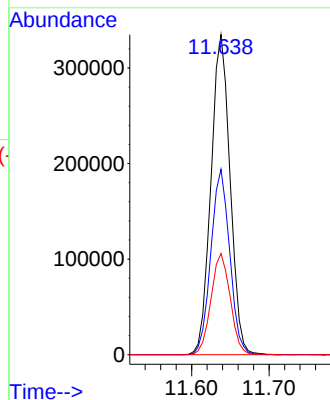
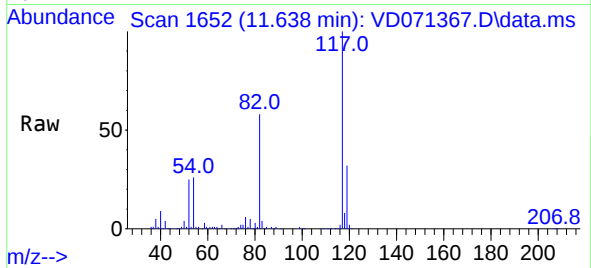




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071367.D
Acq: 16 Dec 2021 15:10

Instrument :
MSVOA_D
ClientSampleId :
MS-4

Tgt Ion:	117	Resp:	573314
Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.7	67.1
119	31.6	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071367.D
Acq: 16 Dec 2021 15:10

Tgt Ion:	152	Resp:	246543
Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.8	89.3
150	155.2	0.0	349.2

