

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071181.D
 Acq On : 07 Dec 2021 14:12
 Operator : VA/SY
 Sample : M4959-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1S

Quant Time: Dec 08 02:49:22 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	21887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	35871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	40958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17736	69.060	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.120%	
35) Dibromofluoromethane	7.914	113	11573	50.665	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.320%	
50) Toluene-d8	10.338	98	43974	50.588	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.180%	
62) 4-Bromofluorobenzene	12.626	95	20241	67.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.340%	

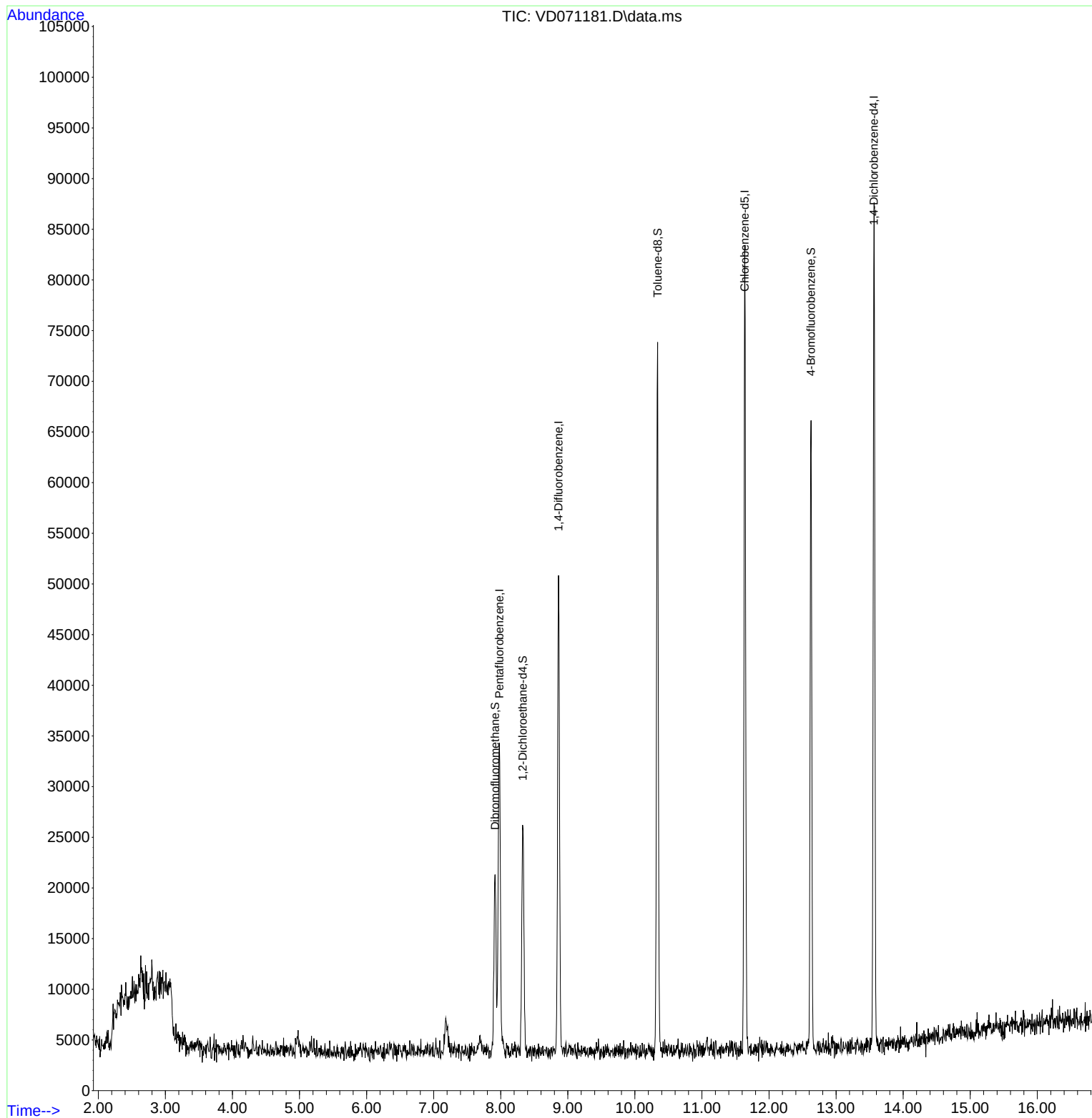
Target Compounds	Qvalue

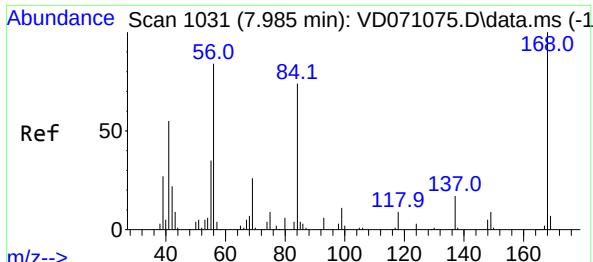
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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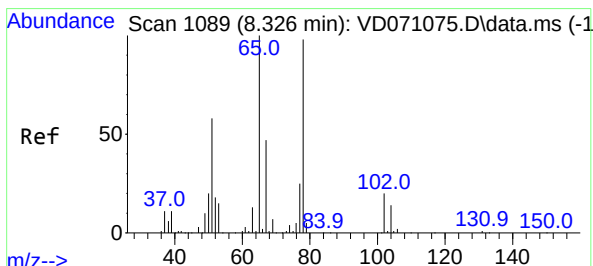
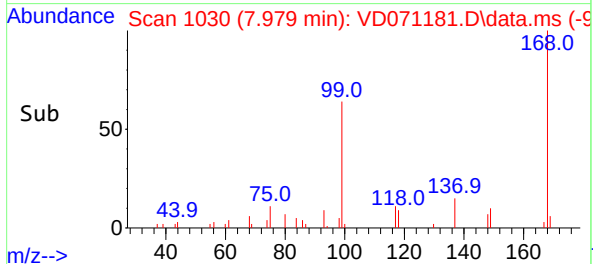
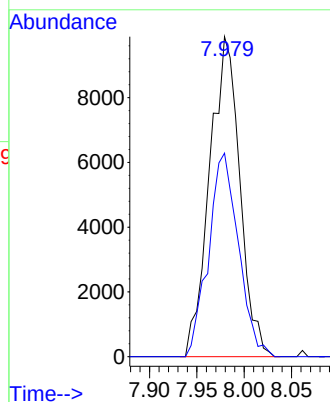
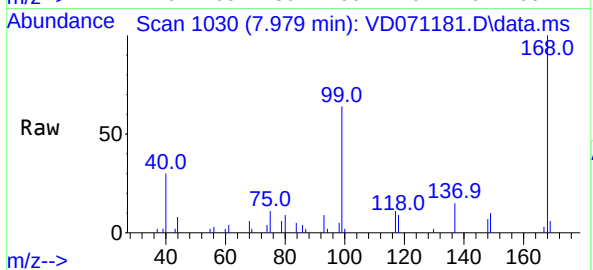




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071181.D
Acq: 07 Dec 2021 14:12

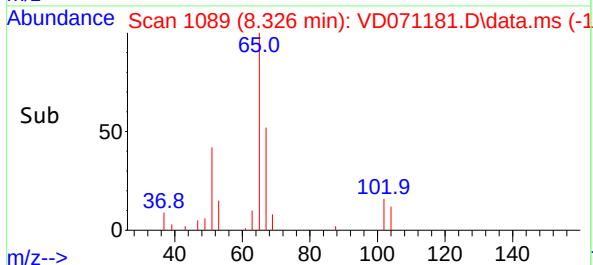
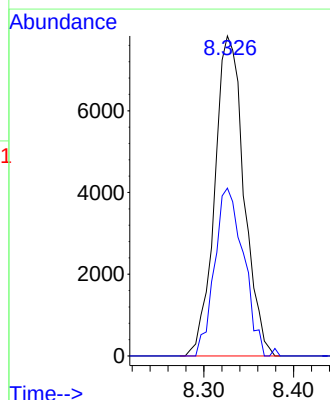
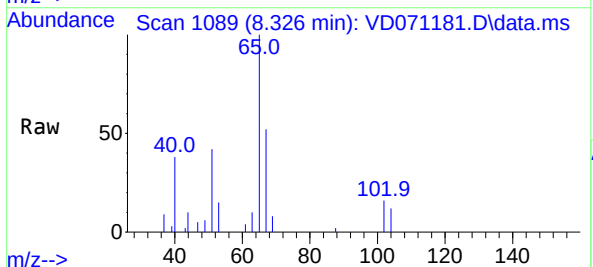
Instrument :
MSVOA_D
ClientSampleId :
TP-1S

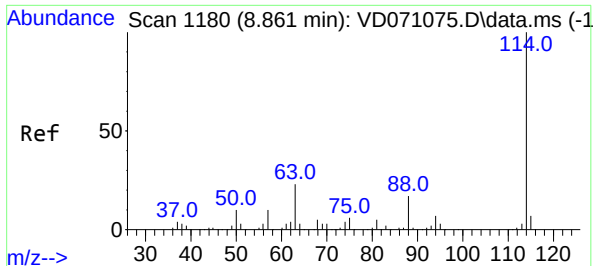
Tgt Ion:168 Resp: 21887
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 69.060 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071181.D
Acq: 07 Dec 2021 14:12

Tgt Ion: 65 Resp: 17736
Ion Ratio Lower Upper
65 100
67 51.7 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: VD071181.D

Acq: 07 Dec 2021 14:12

Instrument :

MSVOA_D

ClientSampleId :

TP-1S

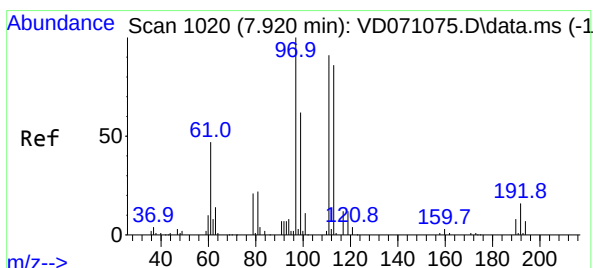
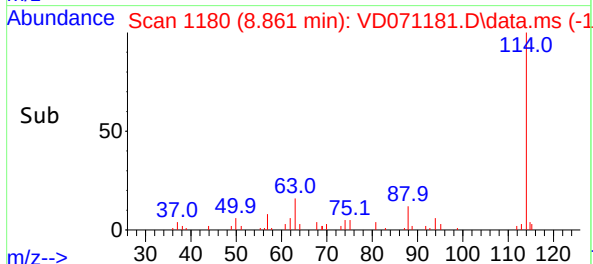
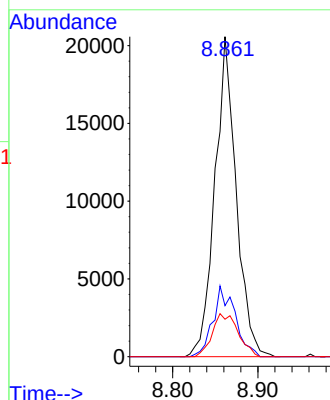
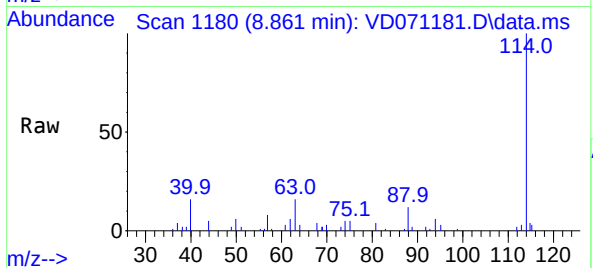
Tgt Ion:114 Resp: 35871

Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.8

88 11.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.665 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071181.D

Acq: 07 Dec 2021 14:12

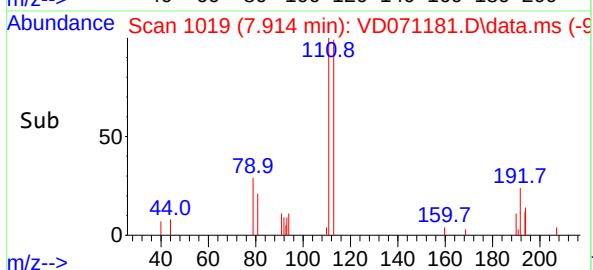
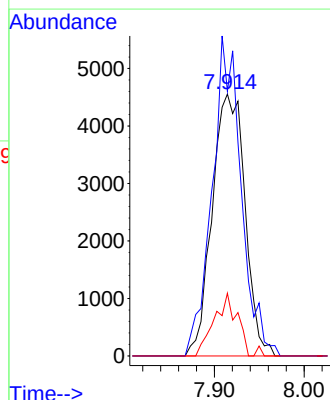
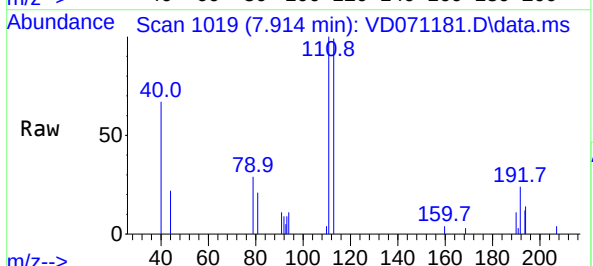
Tgt Ion:113 Resp: 11573

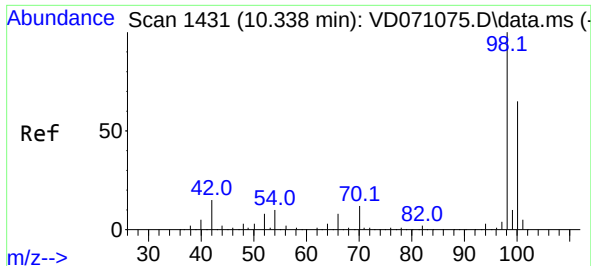
Ion Ratio Lower Upper

113 100

111 107.8 82.0 123.0

192 16.7 15.2 22.8

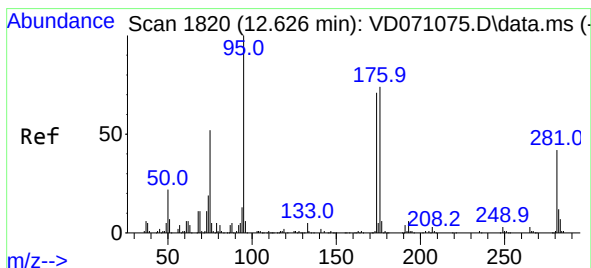
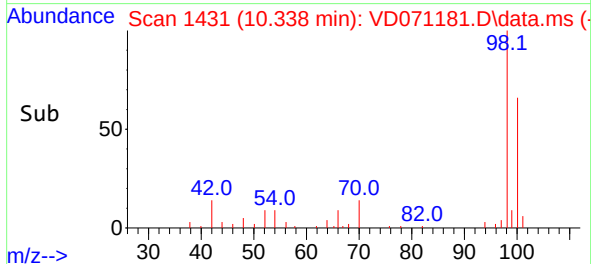
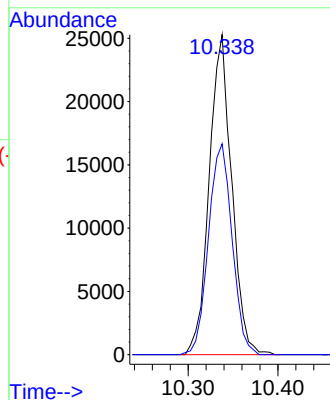
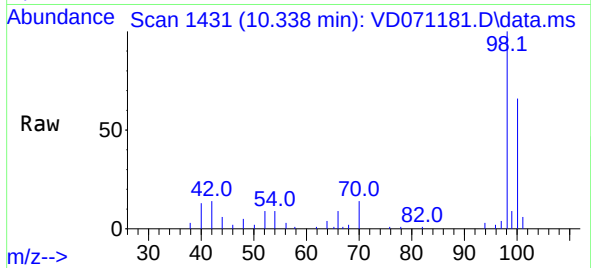




#50
Toluene-d8
Concen: 50.588 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071181.D
Acq: 07 Dec 2021 14:12

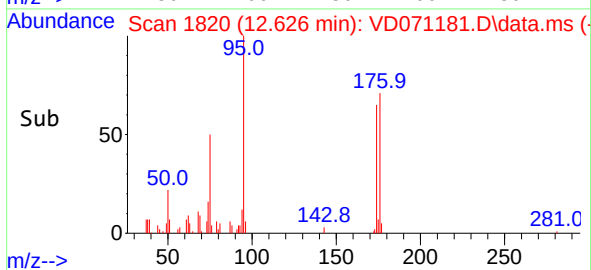
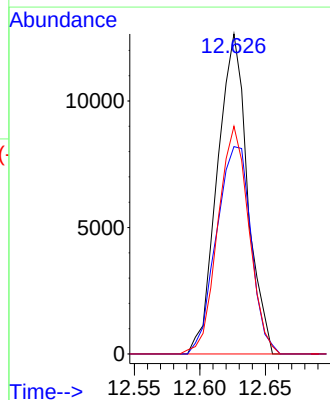
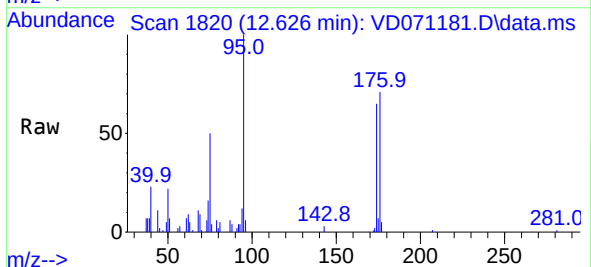
Instrument :
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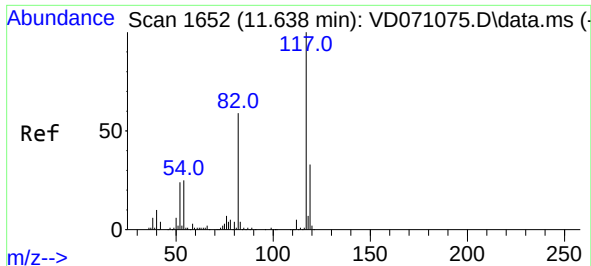
Tgt Ion: 98 Resp: 43974
Ion Ratio Lower Upper
98 100
100 69.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 67.175 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071181.D
Acq: 07 Dec 2021 14:12

Tgt Ion: 95 Resp: 20241
Ion Ratio Lower Upper
95 100
174 74.1 0.0 159.4
176 73.3 0.0 154.0

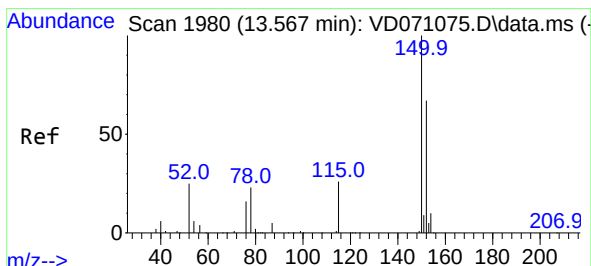
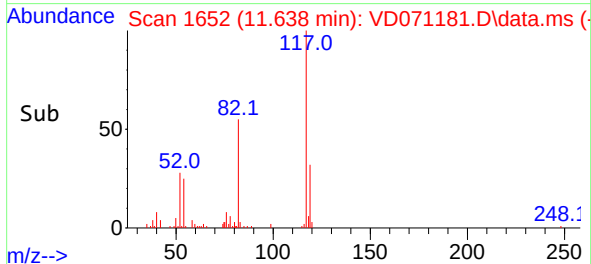
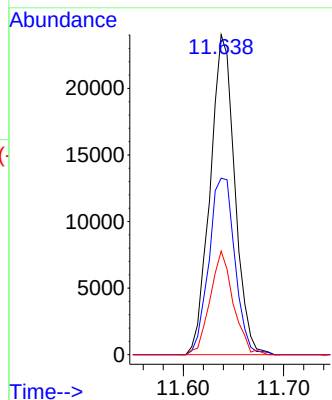
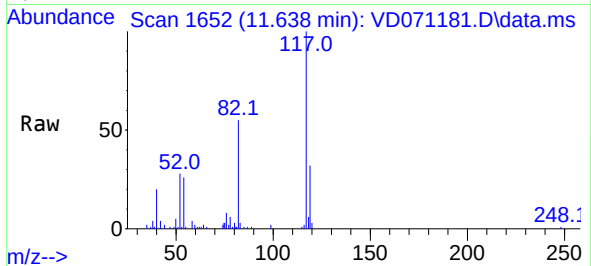




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD071181.D
Acq: 07 Dec 2021 14:12

Instrument :
MSVOA_D
ClientSampleId :
TP-1S

Tgt Ion:117 Resp: 40958
Ion Ratio Lower Upper
117 100
82 55.1 44.7 67.1
119 32.4 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: VD071181.D
Acq: 07 Dec 2021 14:12

Tgt Ion:152 Resp: 20354
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 162.6 0.0 349.2

