

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071299.D
 Acq On : 13 Dec 2021 16:27
 Operator : VA/SY
 Sample : M5030-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-121021

Quant Time: Dec 14 08:14:31 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	11794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	20466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	24279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10098	72.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.940%
35) Dibromofluoromethane	7.914	113	6459	49.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.332	98	25632	51.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.626	95	11326	65.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.760%

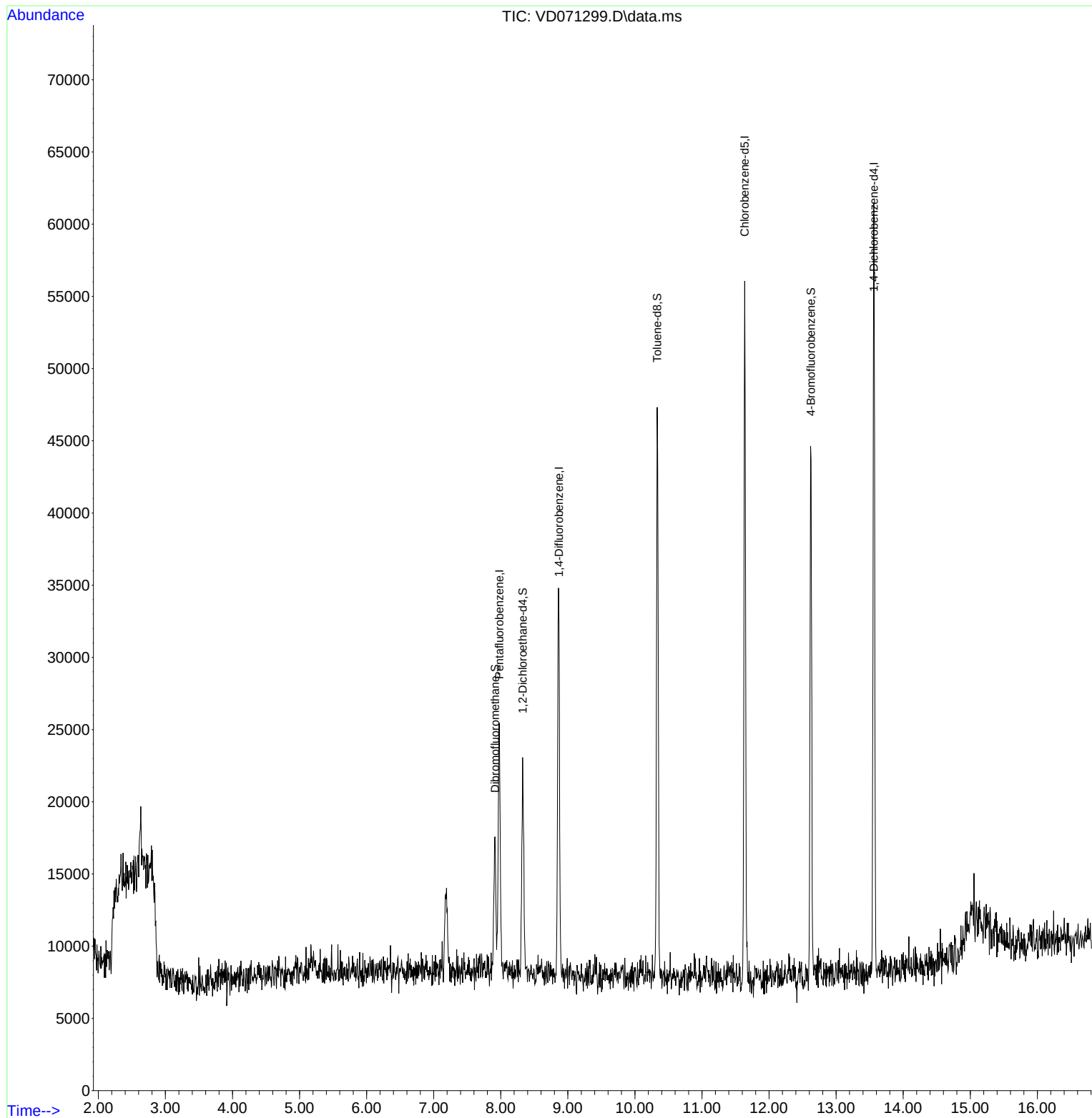
Target Compounds	Qvalue

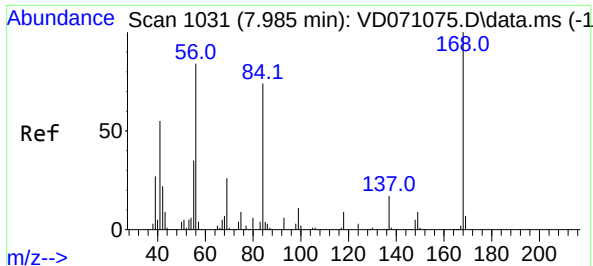
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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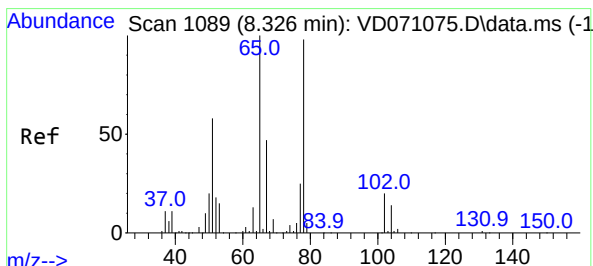
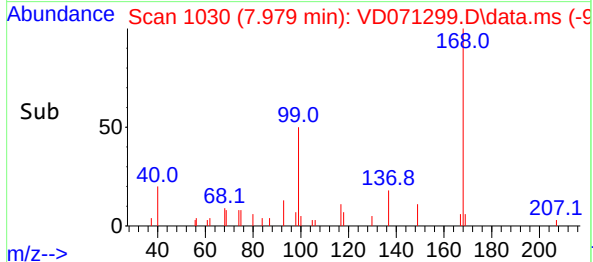
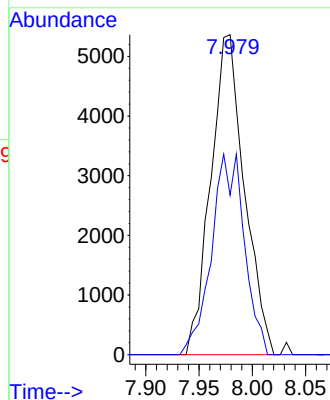
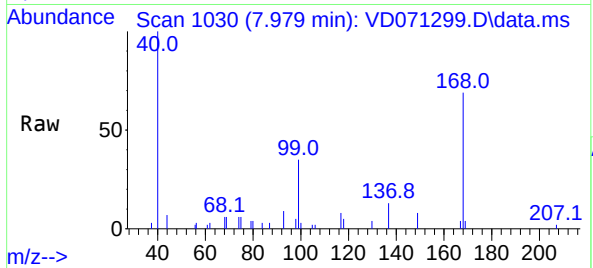




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071299.D
Acq: 13 Dec 2021 16:27

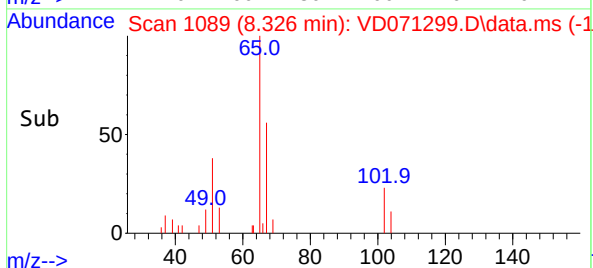
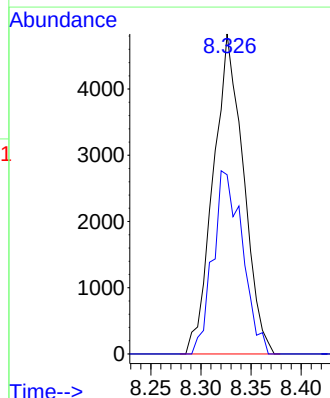
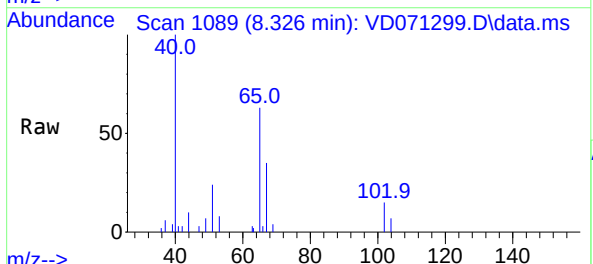
Instrument :
MSVOA_D
ClientSampleId :
SU-02-121021

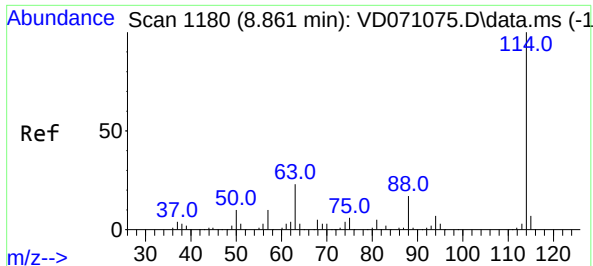
Tgt Ion:168 Resp: 11794
Ion Ratio Lower Upper
168 100
99 49.9 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 72.968 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071299.D
Acq: 13 Dec 2021 16:27

Tgt Ion: 65 Resp: 10098
Ion Ratio Lower Upper
65 100
67 55.9 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071299.D

Acq: 13 Dec 2021 16:27

Instrument :

MSVOA_D

ClientSampleId :

SU-02-121021

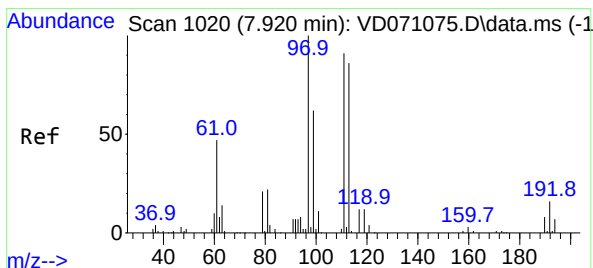
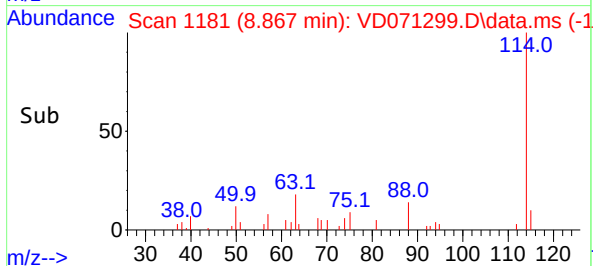
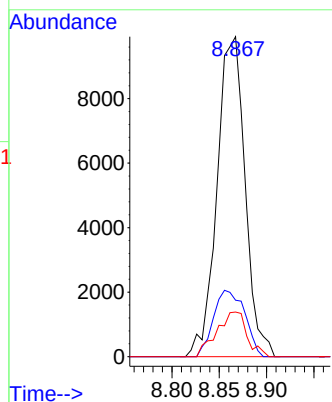
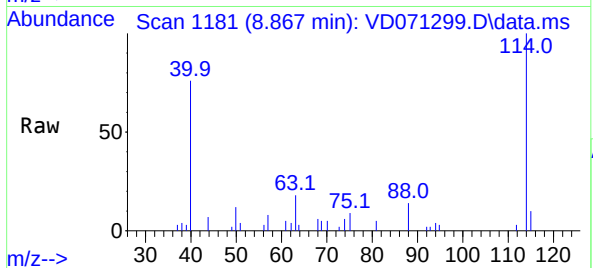
Tgt Ion:114 Resp: 20466

Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.8

88 14.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.561 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071299.D

Acq: 13 Dec 2021 16:27

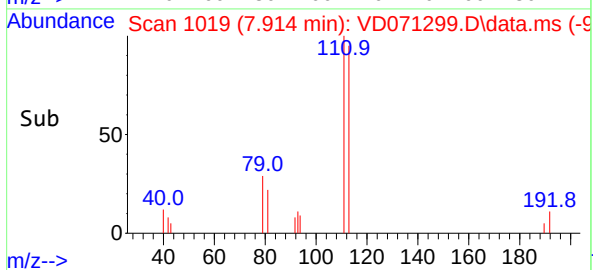
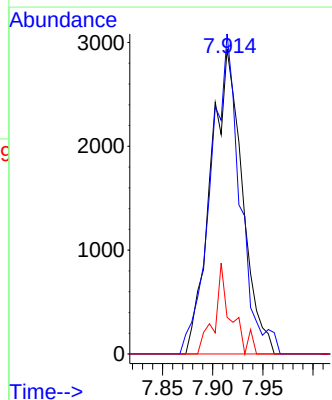
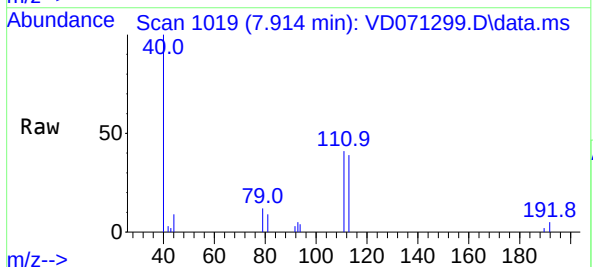
Tgt Ion:113 Resp: 6459

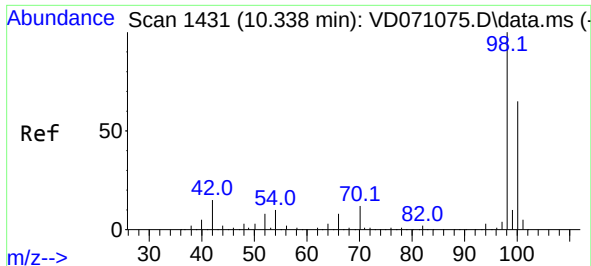
Ion Ratio Lower Upper

113 100

111 97.2 82.0 123.0

192 15.4 15.2 22.8

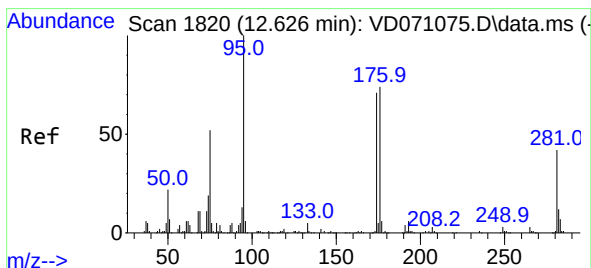
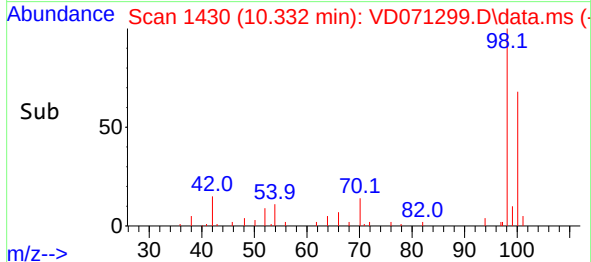
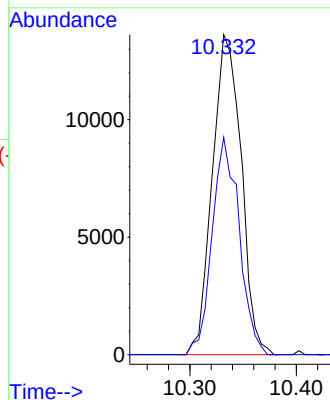
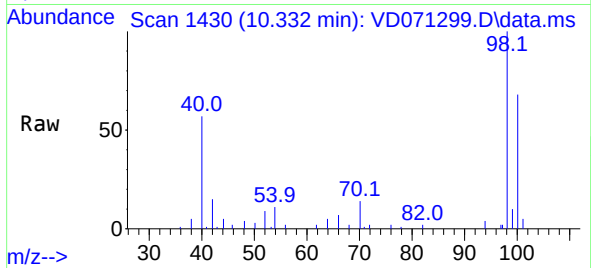




#50
Toluene-d8
Concen: 51.682 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071299.D
Acq: 13 Dec 2021 16:27

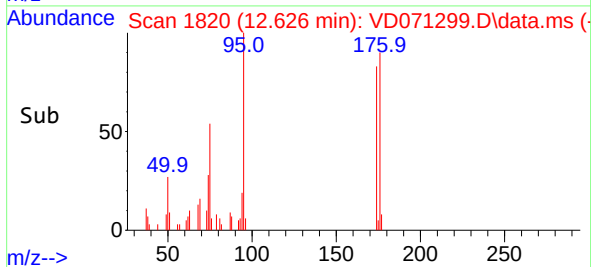
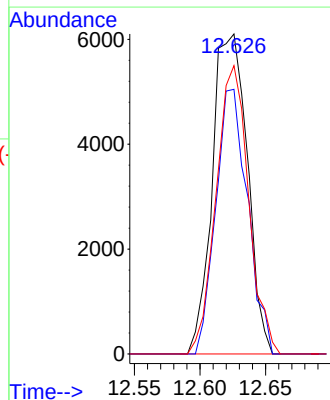
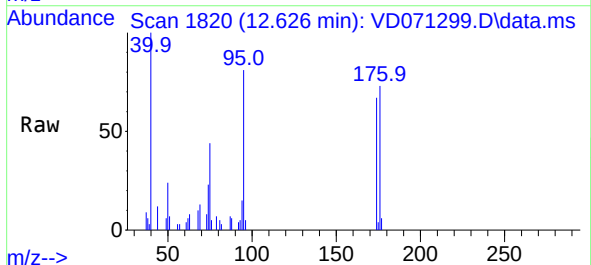
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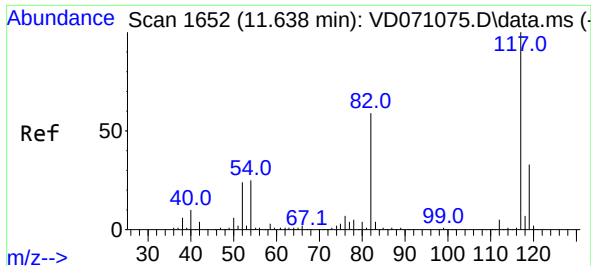
Tgt Ion: 98 Resp: 25632
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.881 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071299.D
Acq: 13 Dec 2021 16:27

Tgt Ion: 95 Resp: 11326
Ion Ratio Lower Upper
95 100
174 75.3 0.0 159.4
176 83.6 0.0 154.0

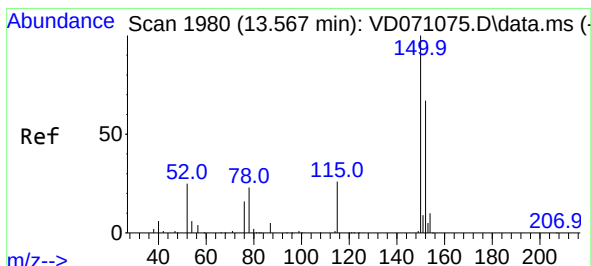
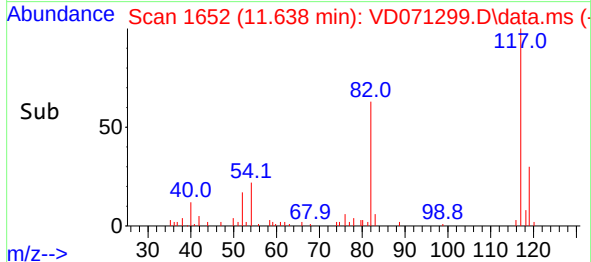
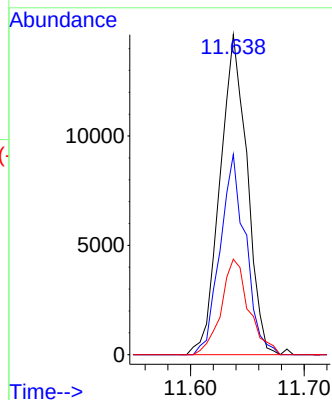
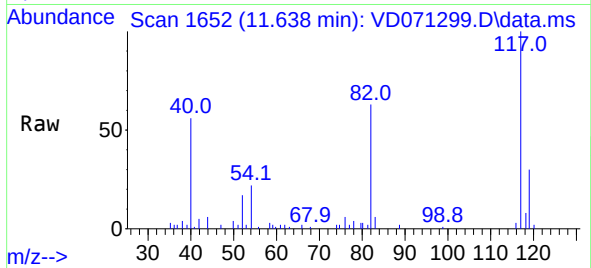




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071299.D
Acq: 13 Dec 2021 16:27

Instrument :
MSVOA_D
ClientSampleId :
SU-02-121021

Tgt Ion:117 Resp: 24279
Ion Ratio Lower Upper
117 100
82 62.5 44.7 67.1
119 29.9 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: VD071299.D
Acq: 13 Dec 2021 16:27

Tgt Ion:152 Resp: 12055
Ion Ratio Lower Upper
152 100
115 63.0 29.8 89.3
150 171.7 0.0 349.2

