

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071288.D
 Acq On : 13 Dec 2021 10:59
 Operator : VA/SY
 Sample : VD1213SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBL01

Quant Time: Dec 14 08:12:23 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	210217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	364321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	333841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	149375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	131626	53.362	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.720%
35) Dibromofluoromethane	7.914	113	120700	52.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.338	98	408307	46.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.626	95	145163	47.434	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.860%

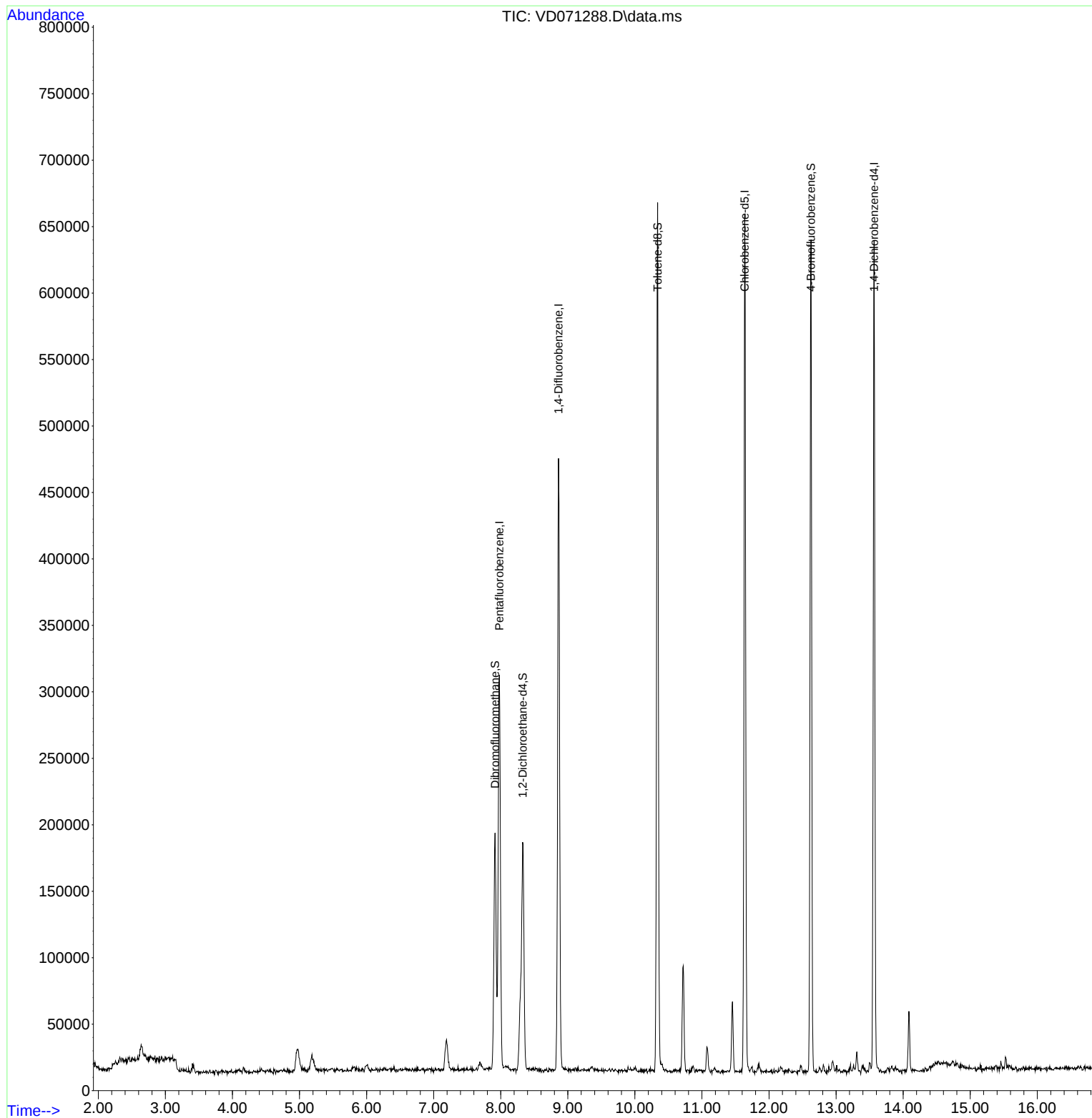
Target Compounds	Qvalue

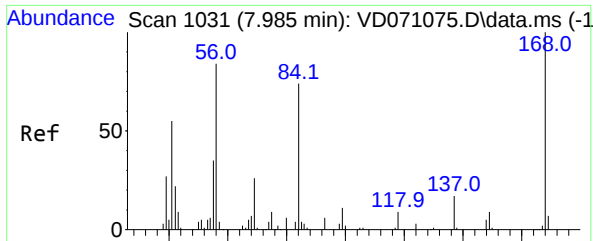
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD071288.D

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Instrument :

MSVOA_D

ClientSampleId :

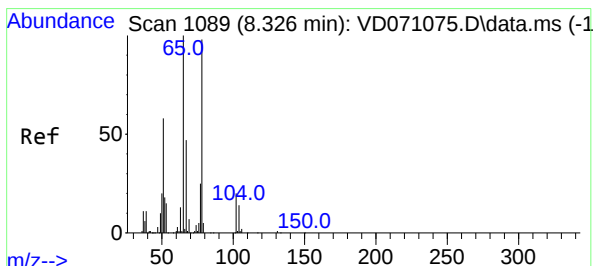
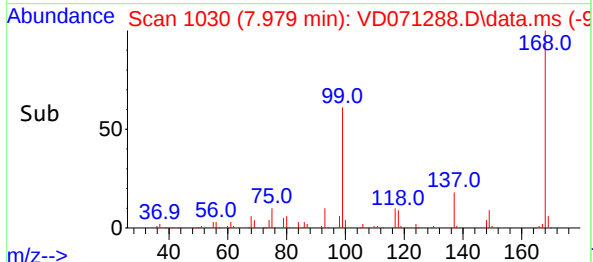
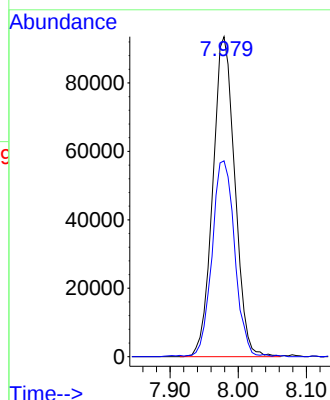
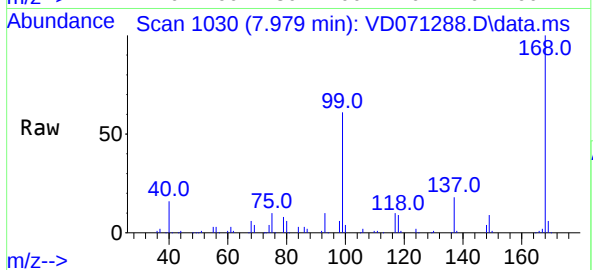
VD1213SBL01

Tgt Ion:168 Resp: 210217

Ion Ratio Lower Upper

168 100

99 60.9 46.6 69.8



1,2-Dichloroethane-d4

Concen: 53.362 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071288.D

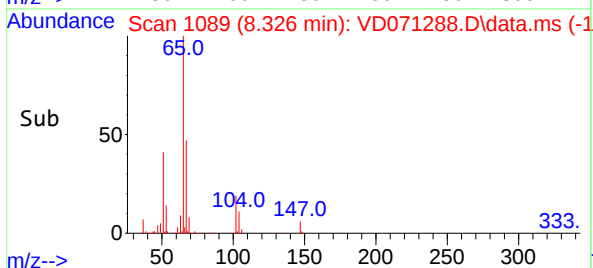
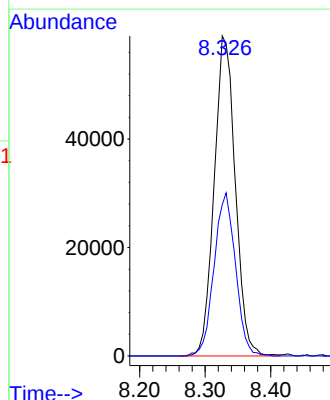
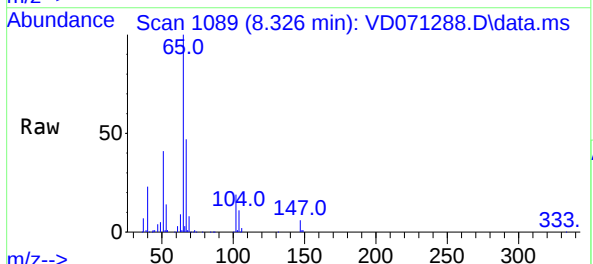
Acq: 13 Dec 2021 10:59

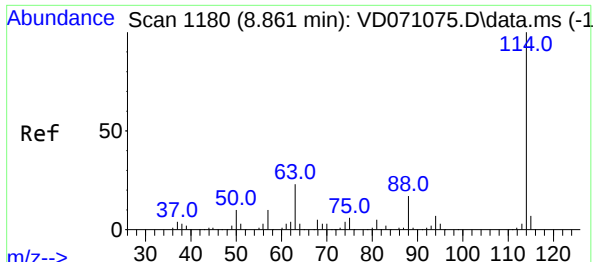
Tgt Ion: 65 Resp: 131626

Ion Ratio Lower Upper

65 100

67 51.8 0.0 112.2

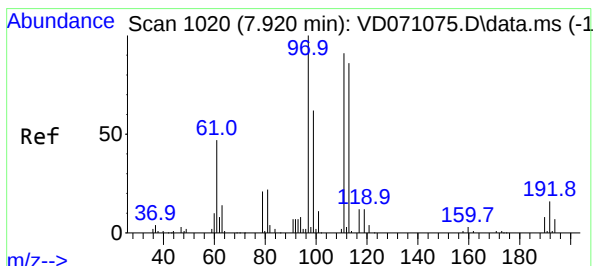
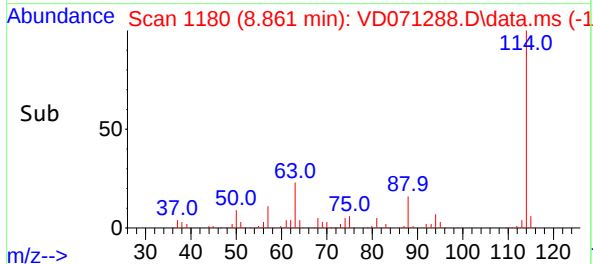
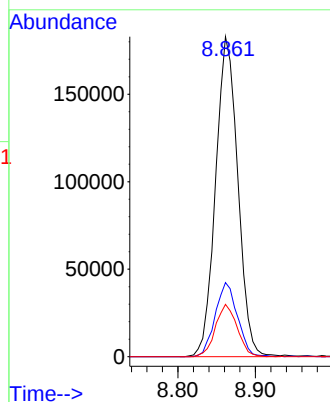
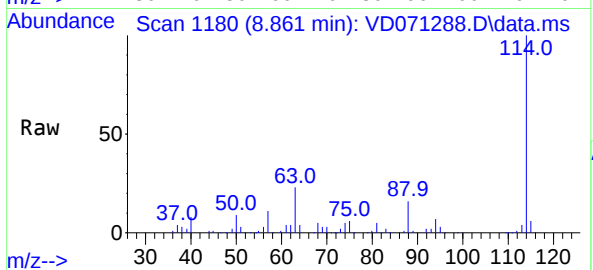




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071288.D
Acq: 13 Dec 2021 10:59

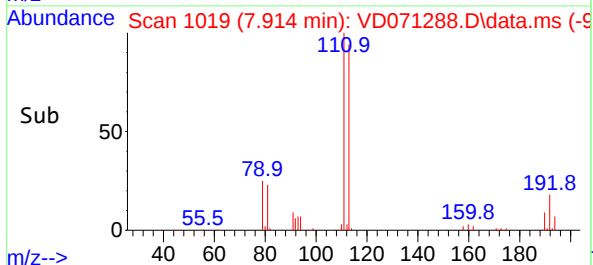
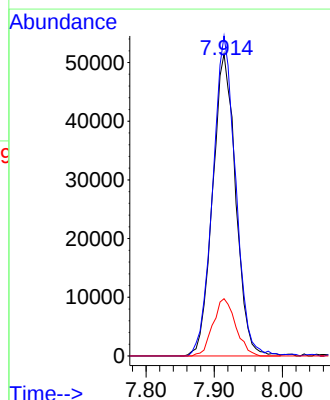
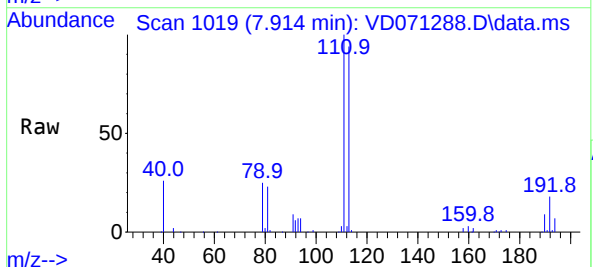
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VD1213SBL01

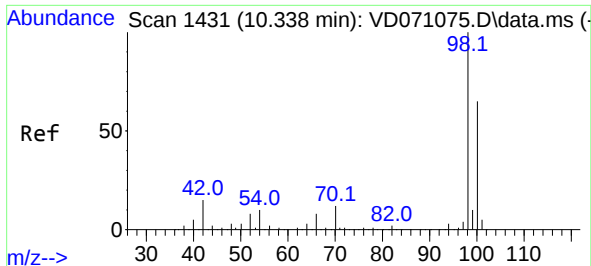
Tgt Ion:114 Resp: 364321
Ion Ratio Lower Upper
114 100
63 23.1 0.0 41.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.027 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071288.D
Acq: 13 Dec 2021 10:59

Tgt Ion:113 Resp: 120700
Ion Ratio Lower Upper
113 100
111 105.6 82.0 123.0
192 18.7 15.2 22.8

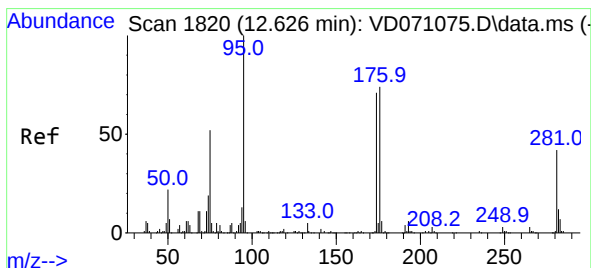
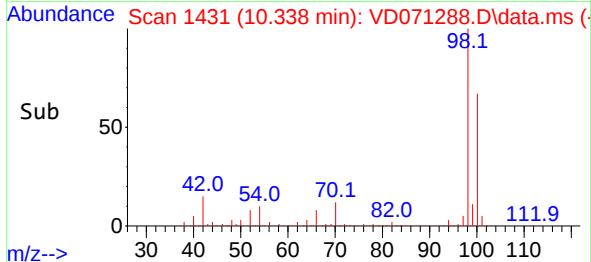
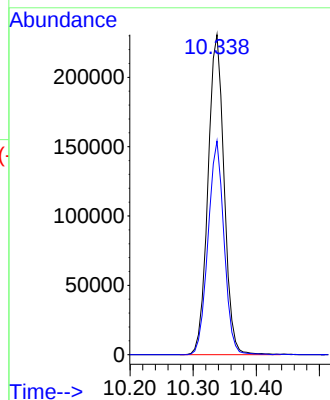
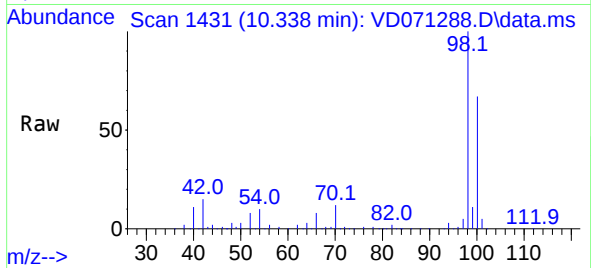




#50
Toluene-d8
Concen: 46.248 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071288.D
Acq: 13 Dec 2021 10:59

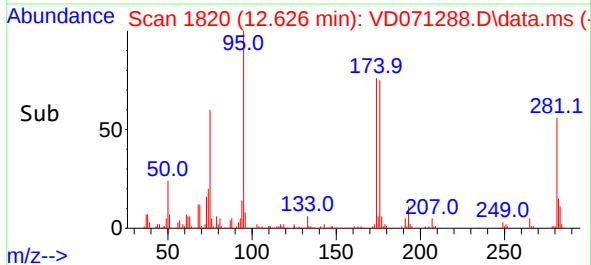
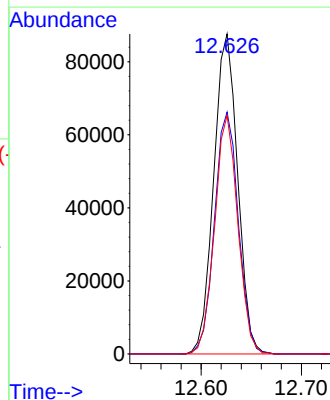
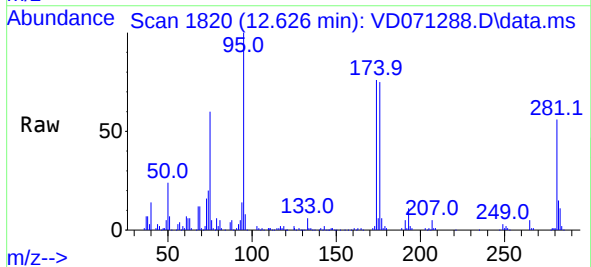
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

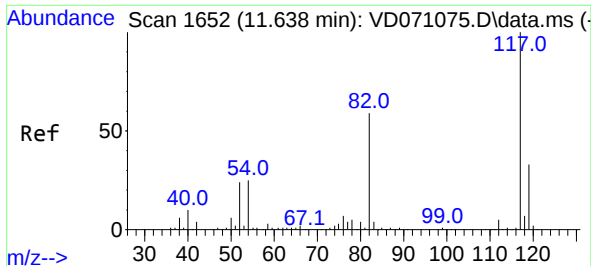
Tgt Ion: 98 Resp: 408307
Ion Ratio Lower Upper
98 100
100 66.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.434 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071288.D
Acq: 13 Dec 2021 10:59

Tgt Ion: 95 Resp: 145163
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 72.4 0.0 154.0

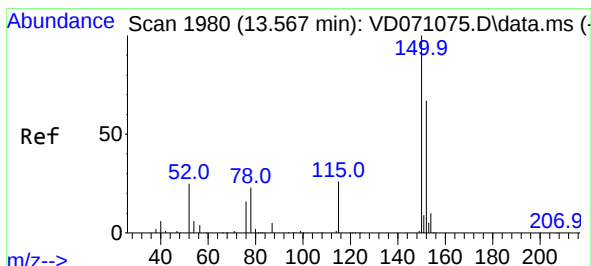
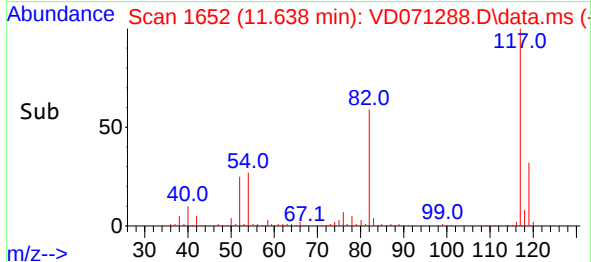
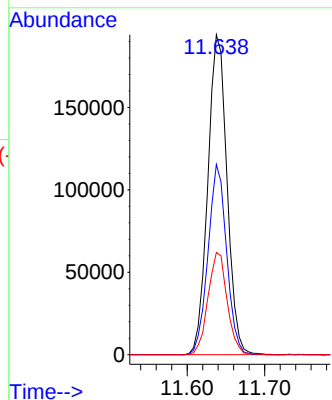
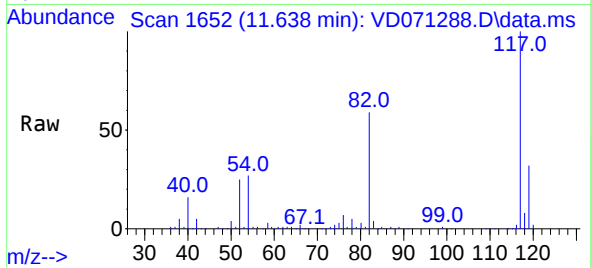




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071288.D
Acq: 13 Dec 2021 10:59

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tgt Ion:117 Resp: 333841
Ion Ratio Lower Upper
117 100
82 59.5 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071288.D
Acq: 13 Dec 2021 10:59

Tgt Ion:152 Resp: 149375
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 158.4 0.0 349.2

