

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071103.D
 Acq On : 01 Dec 2021 13:29
 Operator : VA/SY
 Sample : M4865-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-05-113021

Quant Time: Dec 02 03:14:11 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	17378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	34746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	39272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	20606	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17534	85.989	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.980%#
35) Dibromofluoromethane	7.914	113	11519	52.061	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.338	98	44899	53.324	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.626	95	18701	64.073	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.140%

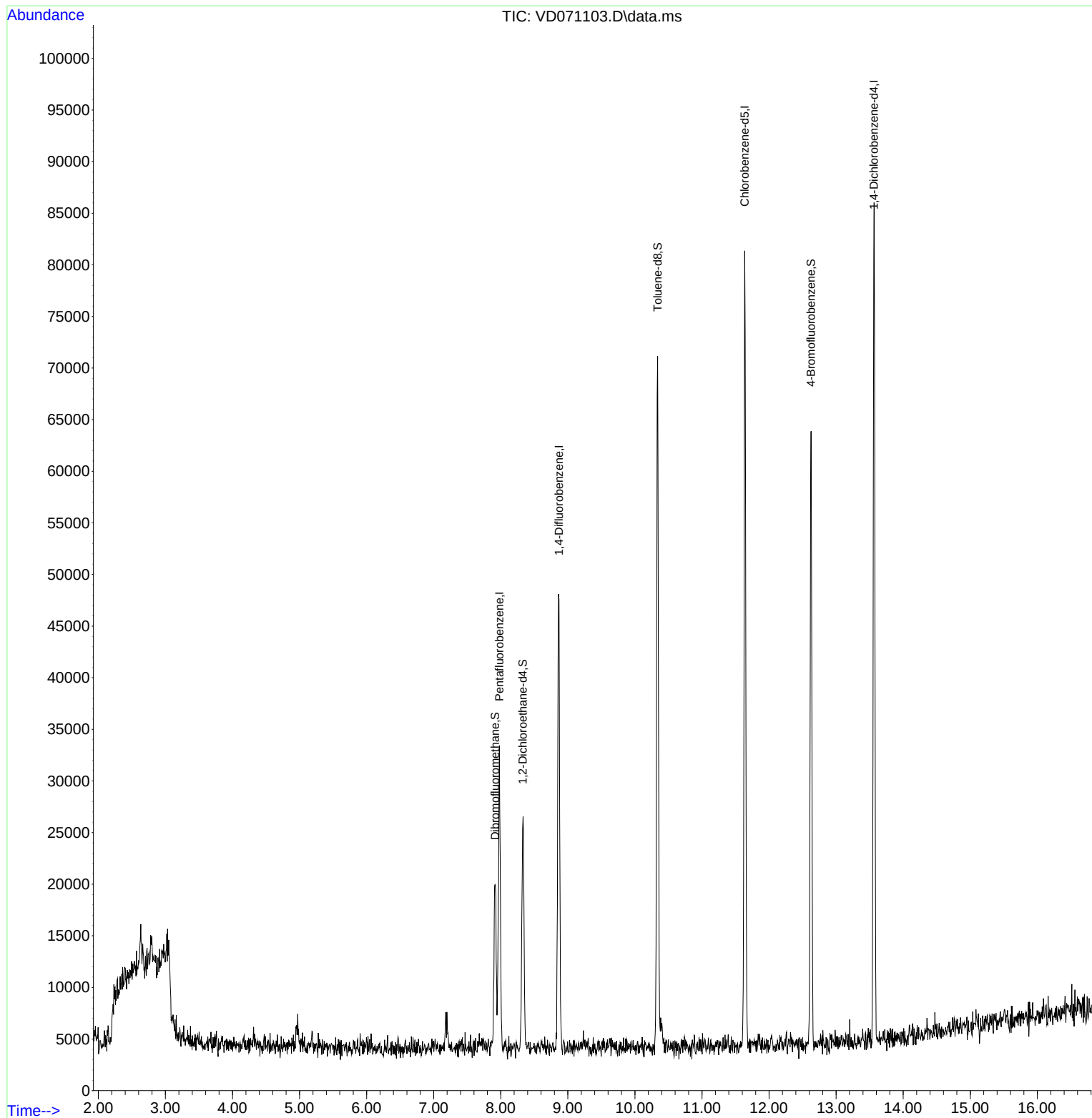
Target Compounds	Qvalue

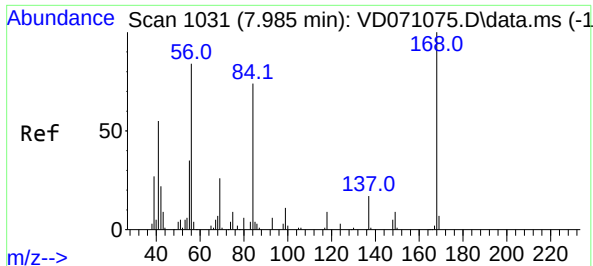
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071103.D

Acq: 01 Dec 2021 13:29

Instrument :

MSVOA_D

ClientSampleId :

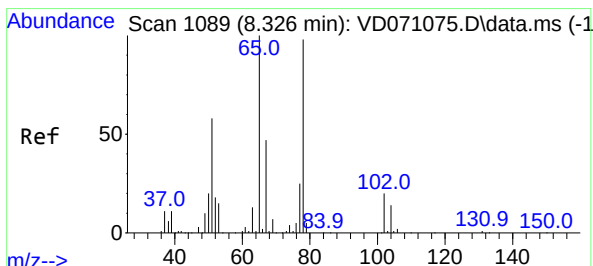
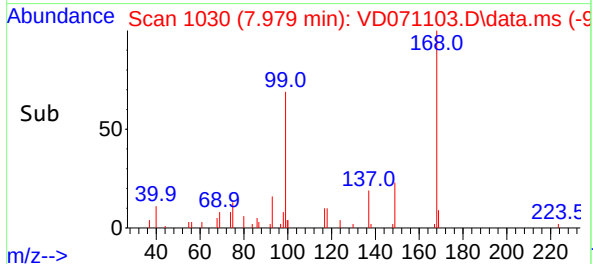
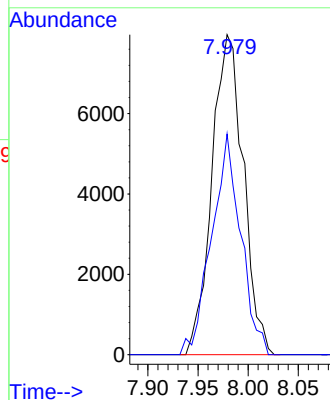
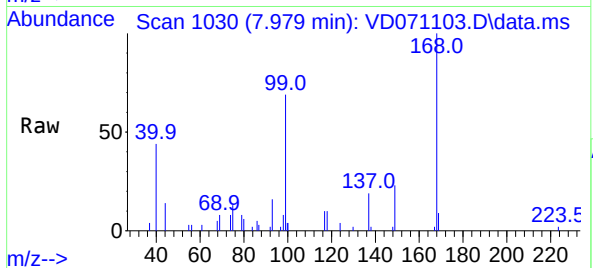
TR-05-113021

Tgt Ion:168 Resp: 17378

Ion Ratio Lower Upper

168 100

99 68.9 46.6 69.8



1,2-Dichloroethane-d4

Concen: 85.989 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071103.D

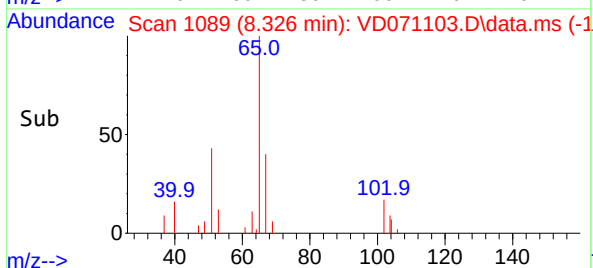
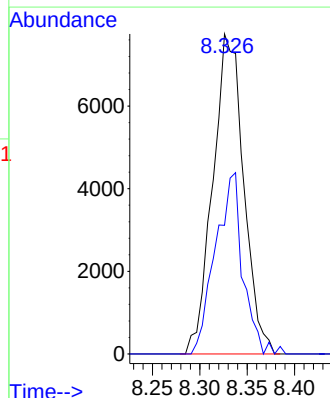
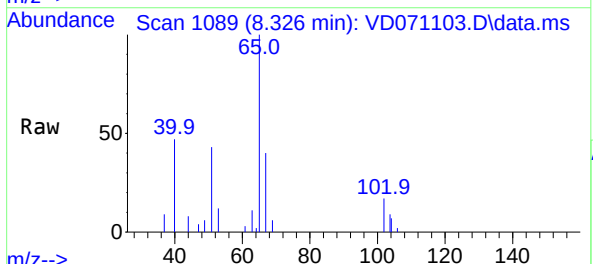
Acq: 01 Dec 2021 13:29

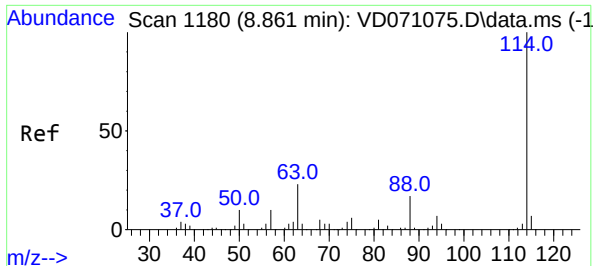
Tgt Ion: 65 Resp: 17534

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071103.D

Acq: 01 Dec 2021 13:29

Instrument :

MSVOA_D

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TR-05-113021

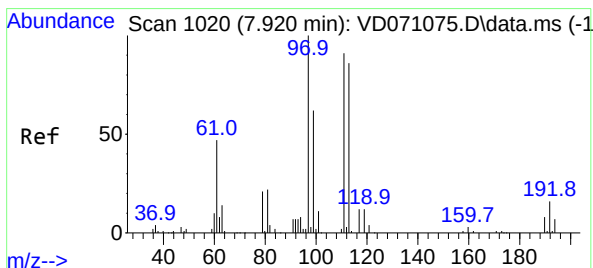
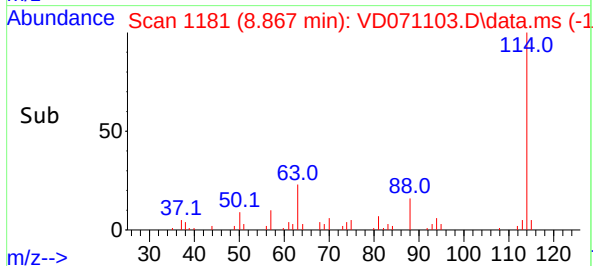
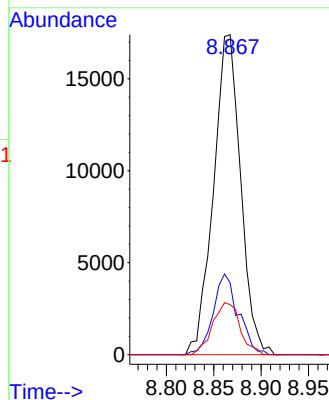
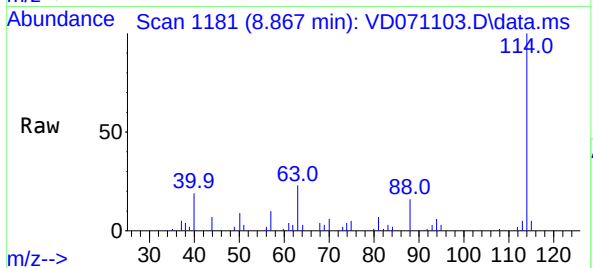
Tgt Ion:114 Resp: 34746

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.061 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071103.D

Acq: 01 Dec 2021 13:29

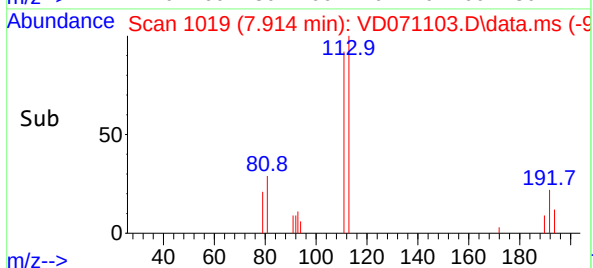
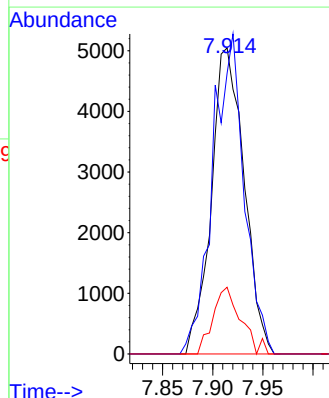
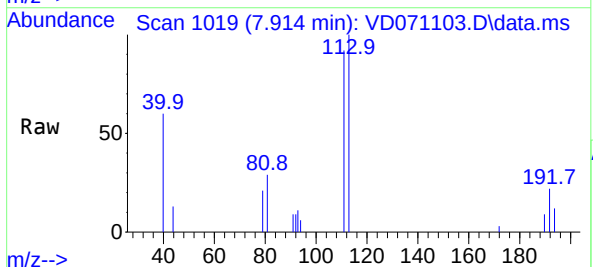
Tgt Ion:113 Resp: 11519

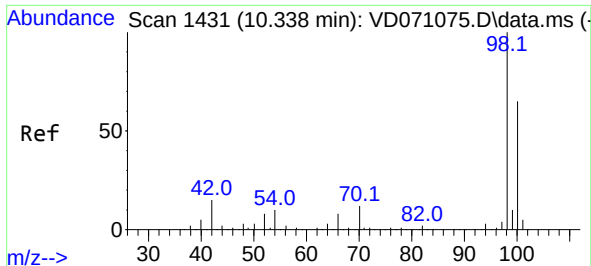
Ion Ratio Lower Upper

113 100

111 100.2 82.0 123.0

192 18.6 15.2 22.8

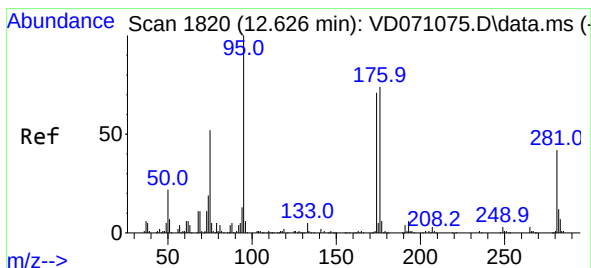
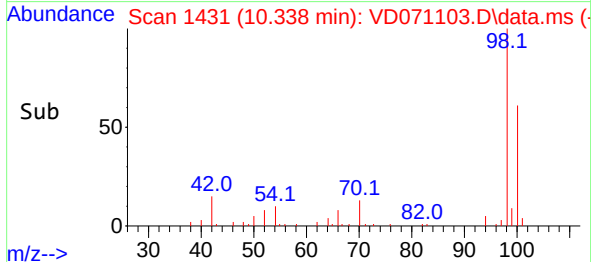
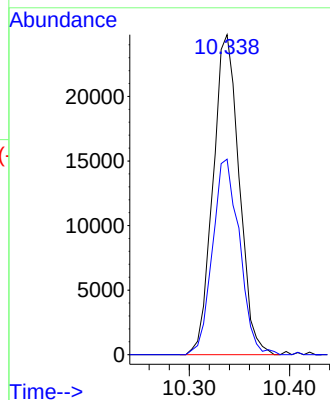
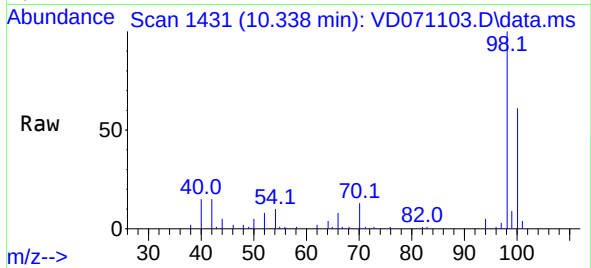




#50
Toluene-d8
Concen: 53.324 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071103.D
Acq: 01 Dec 2021 13:29

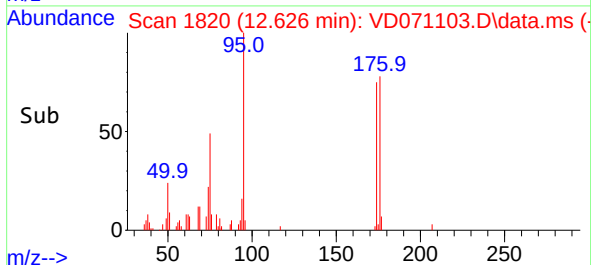
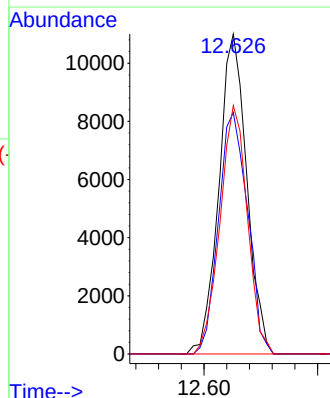
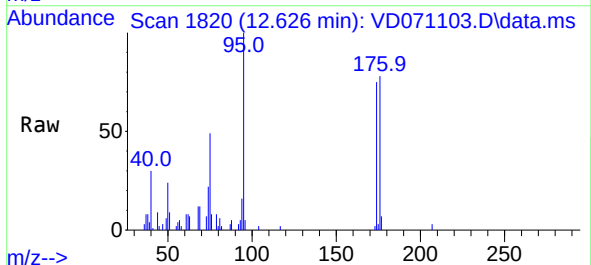
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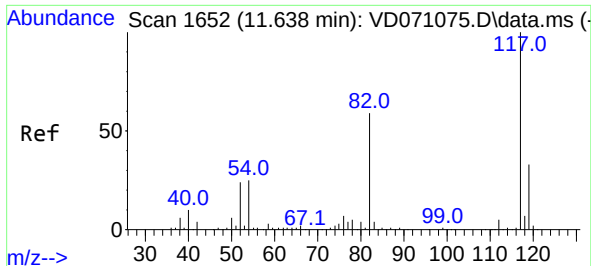
Tgt Ion: 98 Resp: 44899
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 64.073 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071103.D
Acq: 01 Dec 2021 13:29

Tgt Ion: 95 Resp: 18701
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.4
176 76.3 0.0 154.0

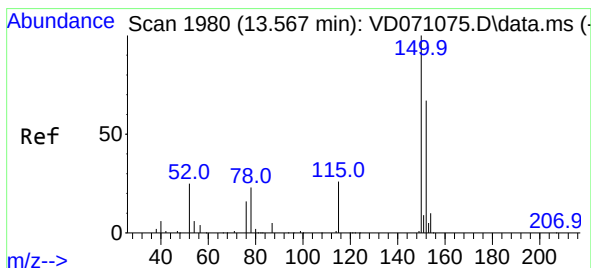
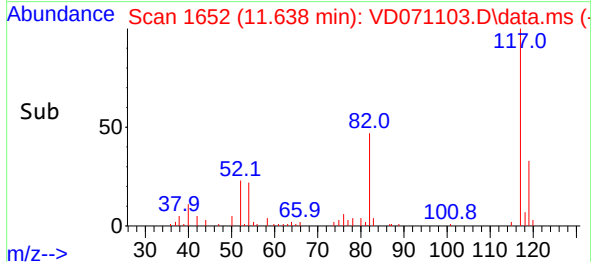
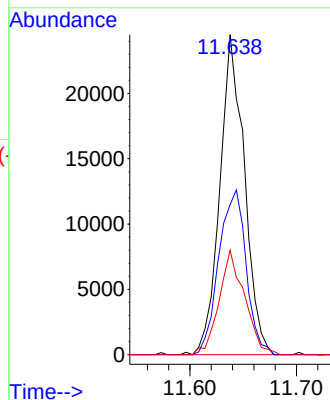
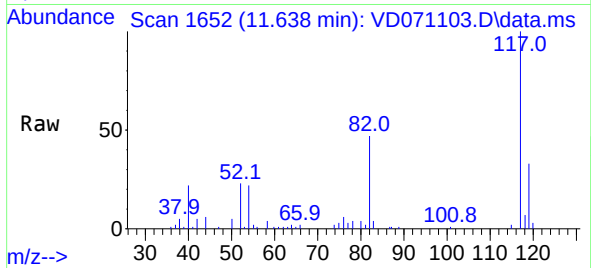




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071103.D
Acq: 01 Dec 2021 13:29

Instrument :
MSVOA_D
ClientSampleId :
TR-05-113021

Tgt Ion:	117	Resp:	39272
Ion	Ratio	Lower	Upper
117	100		
82	46.9	44.7	67.1
119	32.6	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: VD071103.D
Acq: 01 Dec 2021 13:29

Tgt Ion:	152	Resp:	20606
Ion	Ratio	Lower	Upper
152	100		
115	61.1	29.8	89.3
150	149.1	0.0	349.2

