

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071494.D
 Acq On : 28 Dec 2021 11:07
 Operator : VA/SY
 Sample : VD1228SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1228SBL01

Quant Time: Dec 28 15:05:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	343012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	538541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	244193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	229711	50.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.860%
35) Dibromofluoromethane	7.914	113	205206	51.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.260%
50) Toluene-d8	10.332	98	737189	48.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.626	95	257519	47.781	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.560%

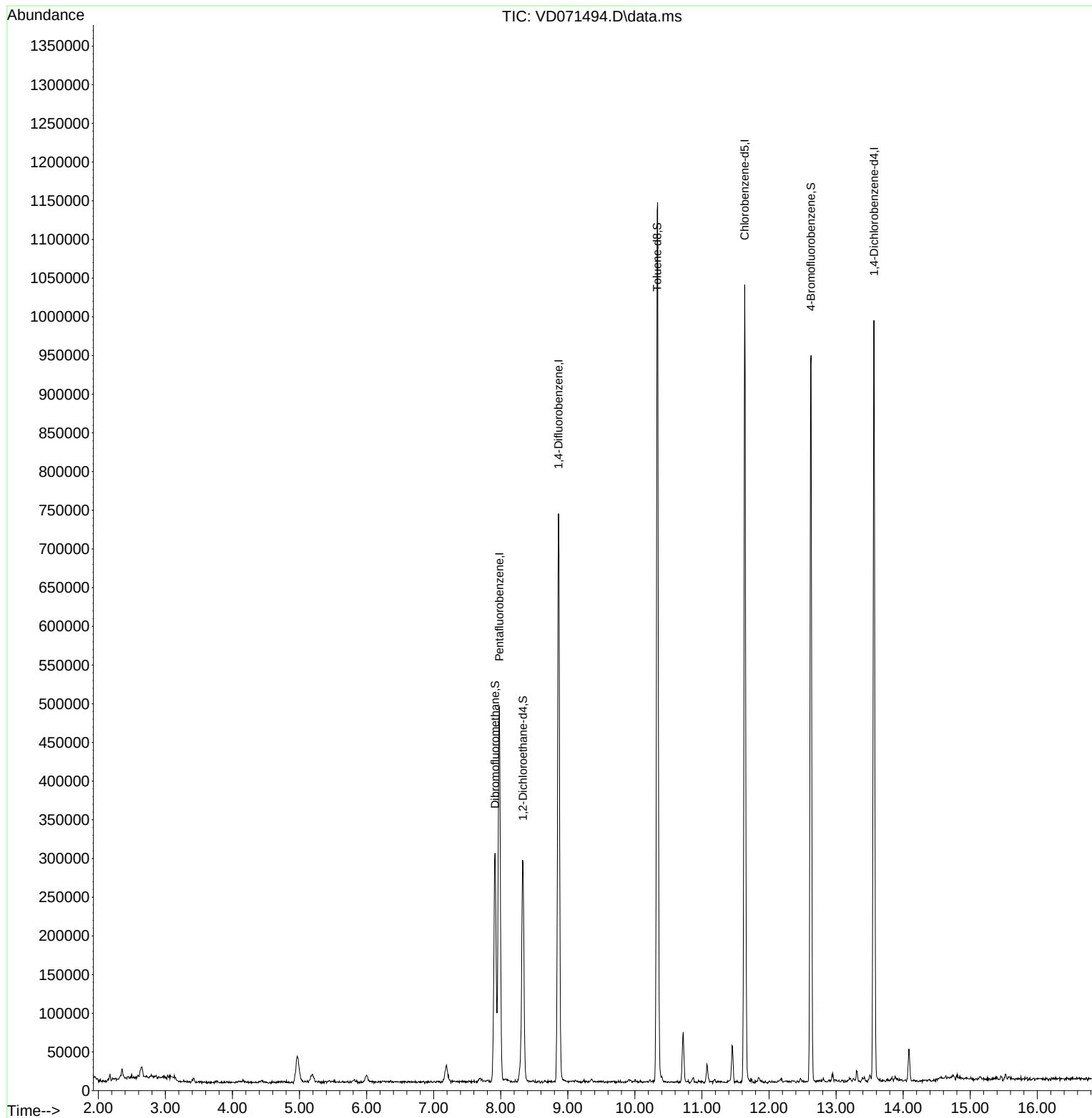
Target Compounds	Qvalue

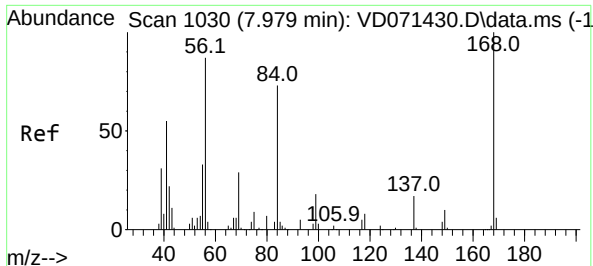
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD071494.D

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MSVOA_D

ClientSampleId :

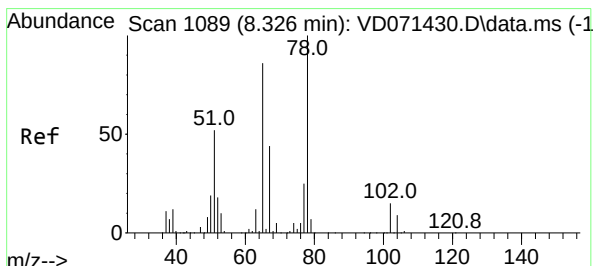
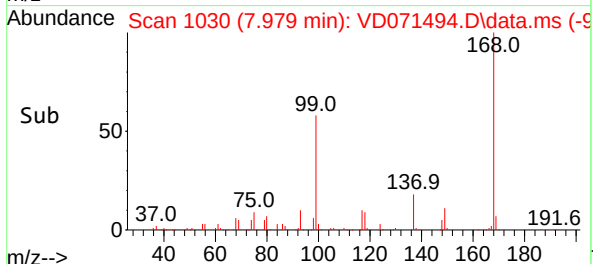
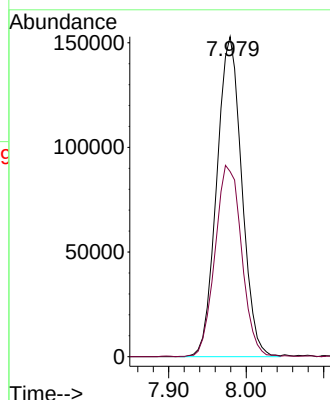
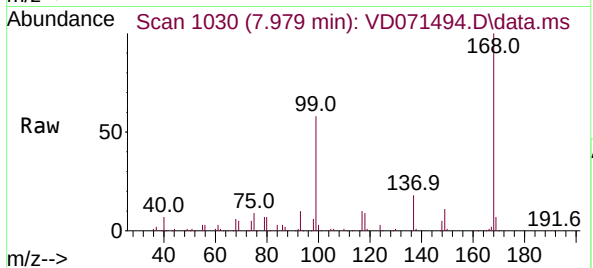
VD1228SBL01

Tgt Ion:168 Resp: 343012

Ion Ratio Lower Upper

168 100

99 57.8 46.6 69.8



1,2-Dichloroethane-d4

Concen: 50.425 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071494.D

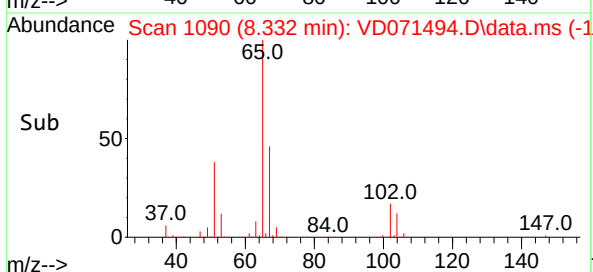
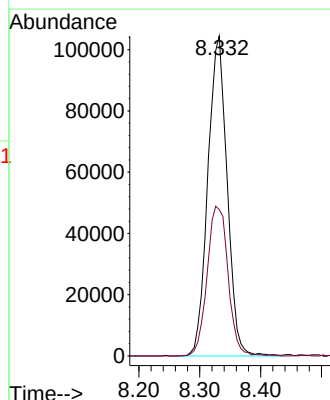
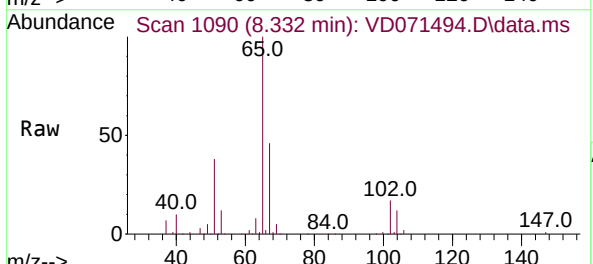
Acq: 28 Dec 2021 11:07

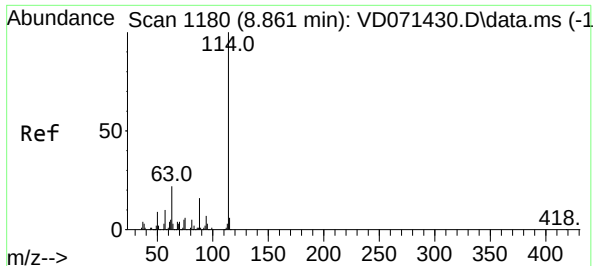
Tgt Ion: 65 Resp: 229711

Ion Ratio Lower Upper

65 100

67 50.8 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: VD071494.D

Acq: 28 Dec 2021 11:07

Instrument :

MSVOA_D

ClientSampleId :

VD1228SBL01

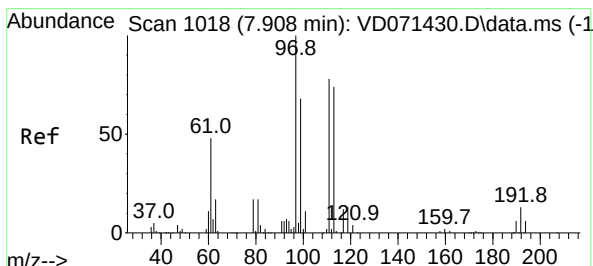
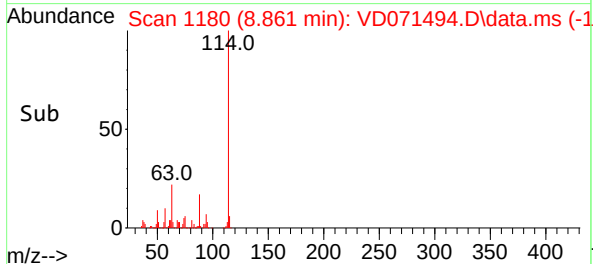
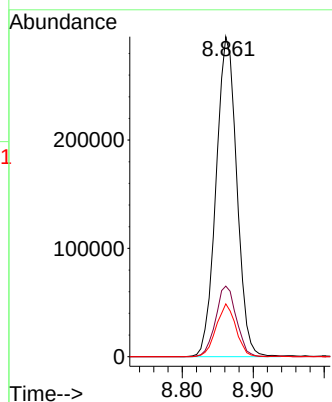
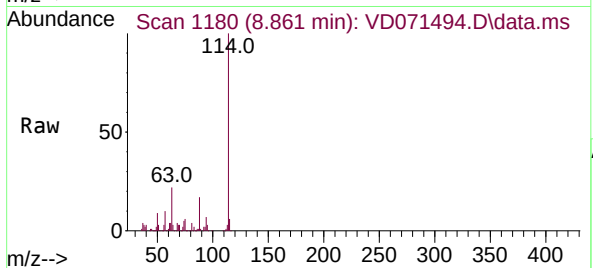
Tgt Ion:114 Resp: 597167

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.8

88 16.5 0.0 32.8



#35

Dibromofluoromethane

Concen: 51.130 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071494.D

Acq: 28 Dec 2021 11:07

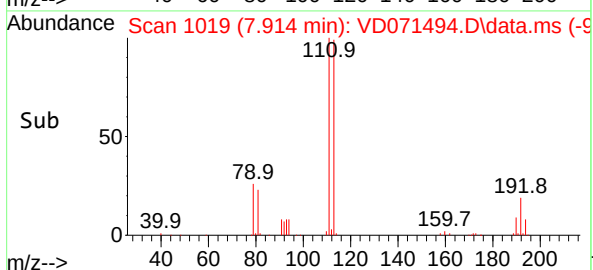
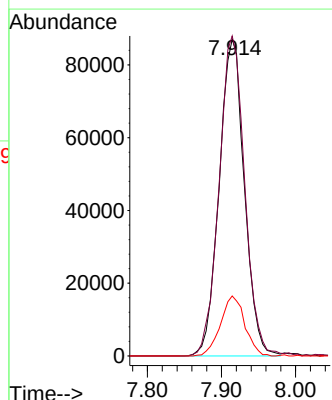
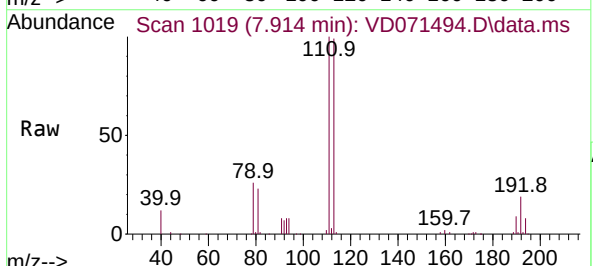
Tgt Ion:113 Resp: 205206

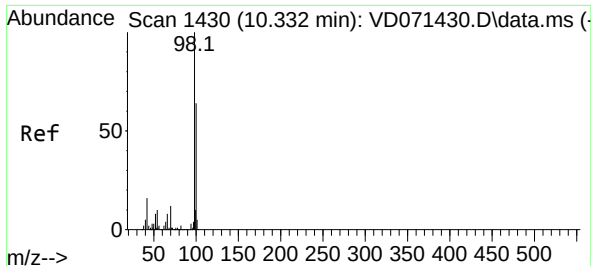
Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 18.3 15.2 22.8

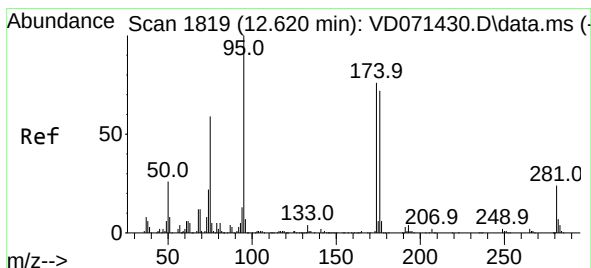
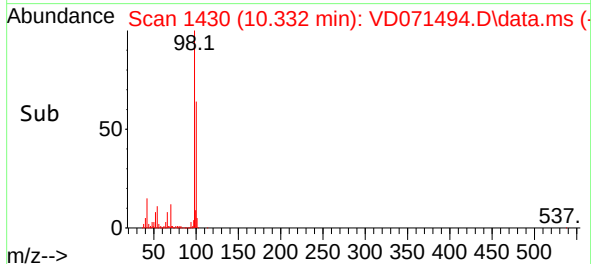
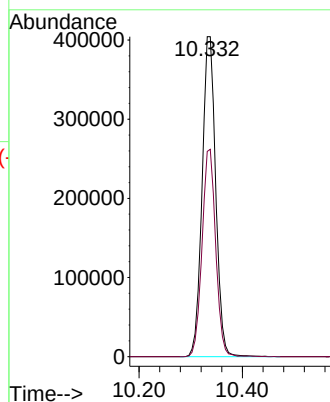
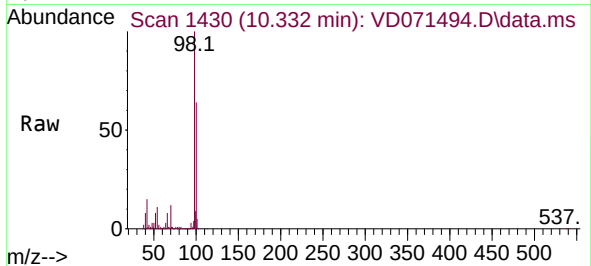




#50
Toluene-d8
Concen: 48.605 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

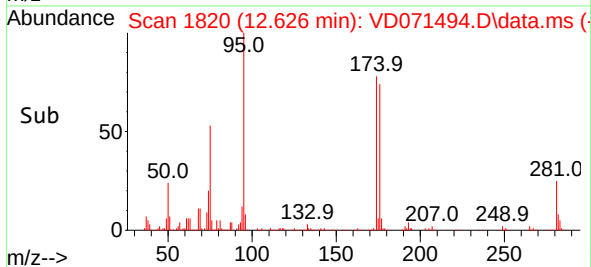
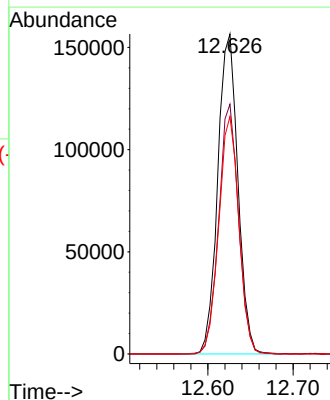
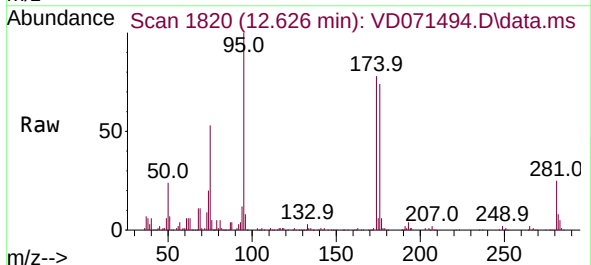
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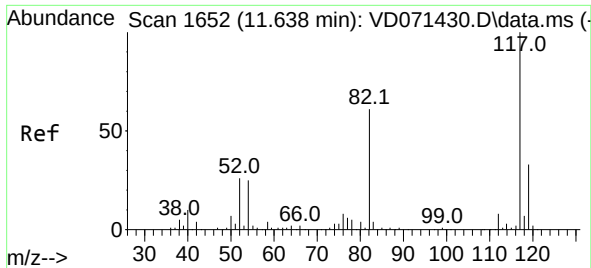
Tgt Ion: 98 Resp: 737189
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.781 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion: 95 Resp: 257519
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 73.9 0.0 154.0

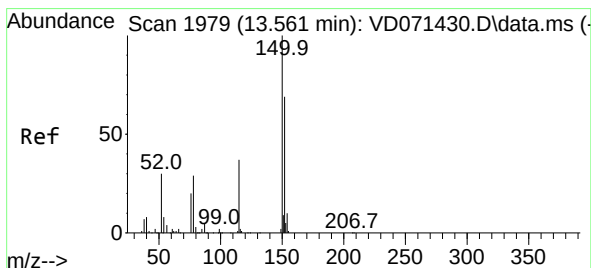
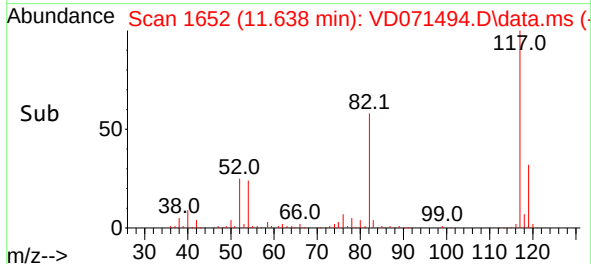
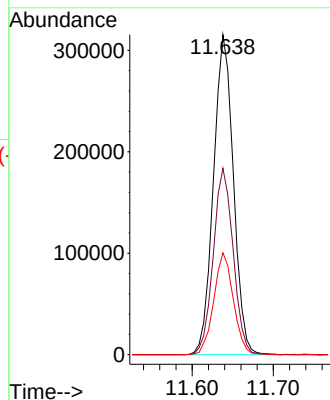
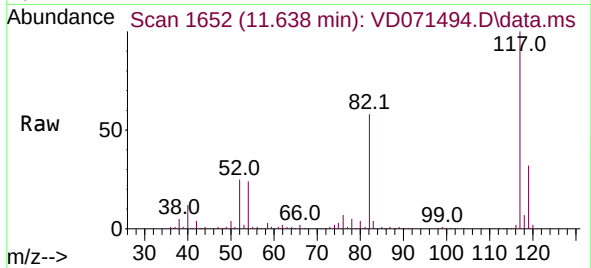




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Instrument :
MSVOA_D
ClientSampleId :
VD1228SBL01

Tgt Ion:117 Resp: 538541
Ion Ratio Lower Upper
117 100
82 58.3 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. 0.006 min
Lab File: VD071494.D
Acq: 28 Dec 2021 11:07

Tgt Ion:152 Resp: 244193
Ion Ratio Lower Upper
152 100
115 61.6 29.8 89.3
150 159.8 0.0 349.2

