

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070842.D
 Acq On : 26 Oct 2021 16:06
 Operator : VA/SY
 Sample : M4355-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-2-102521

Quant Time: Oct 27 06:21:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	313250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	546366	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	547036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	201835	64.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.120%
35) Dibromofluoromethane	7.908	113	195790	54.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.700%
50) Toluene-d8	10.338	98	696322	51.377	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.626	95	230476	51.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.080%

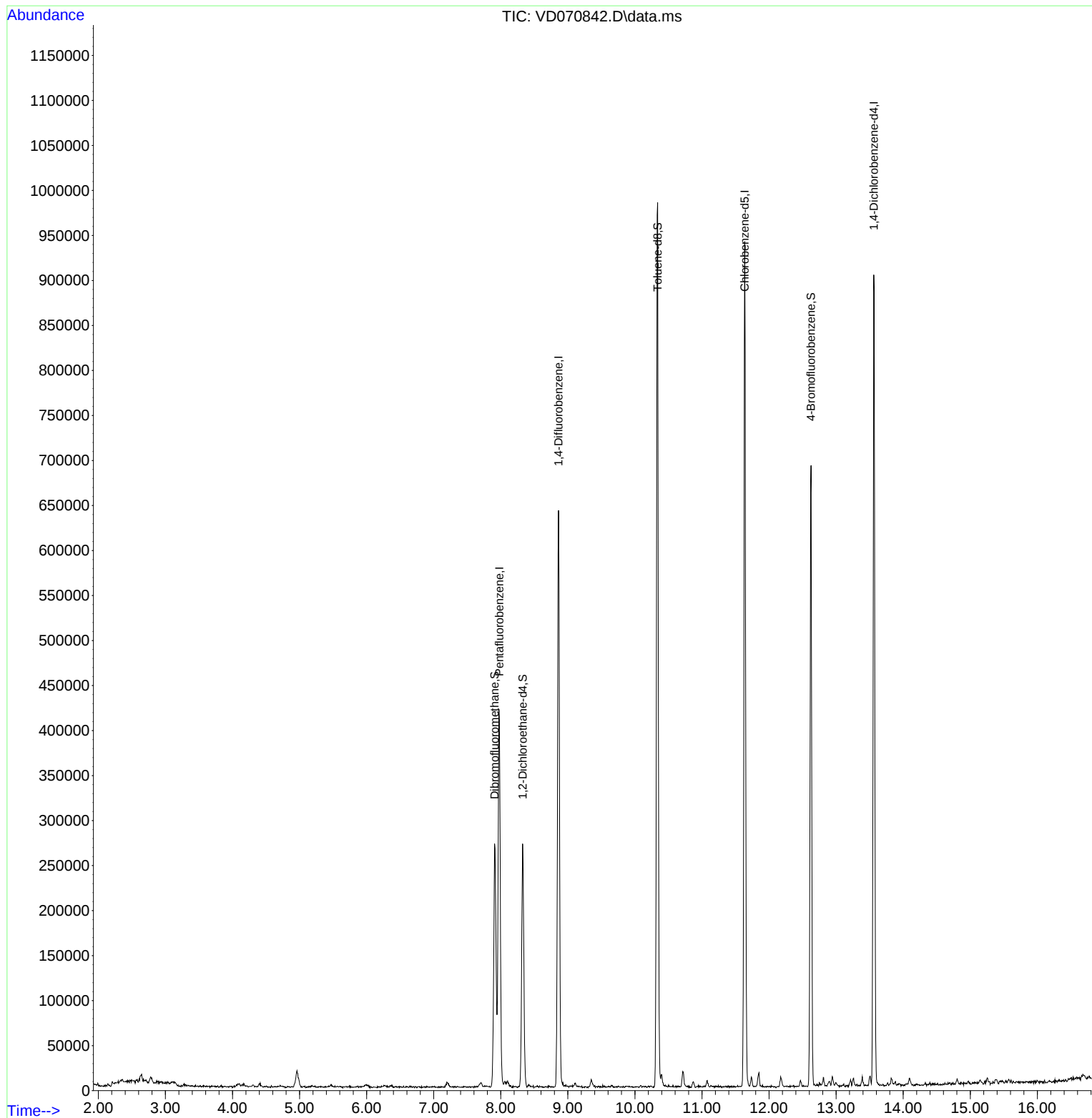
Target Compounds	Qvalue

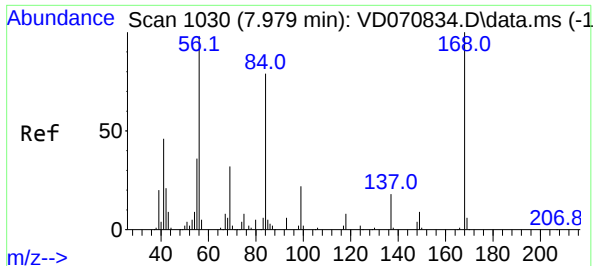
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD070842.D

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Instrument :

MSVOA_D

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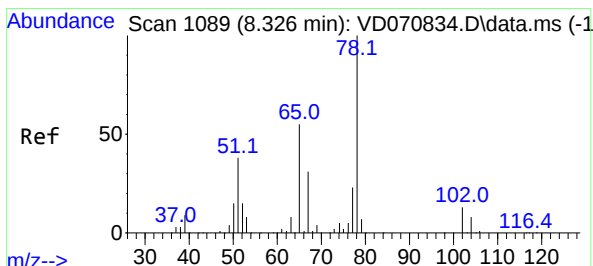
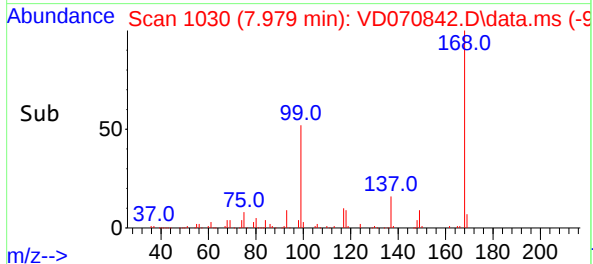
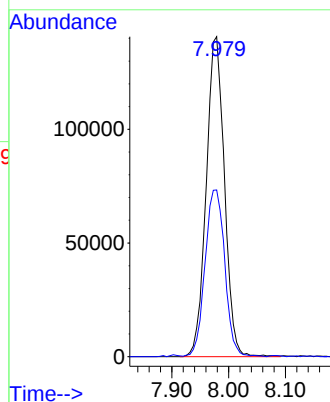
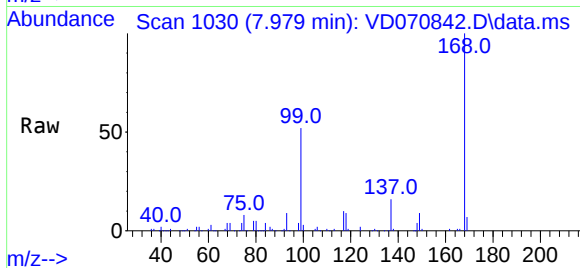
OK-2-102521

Tgt Ion:168 Resp: 313250

Ion Ratio Lower Upper

168 100

99 51.9 46.6 69.8



1,2-Dichloroethane-d4

Concen: 64.064 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070842.D

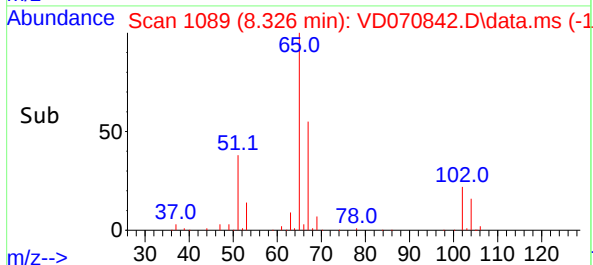
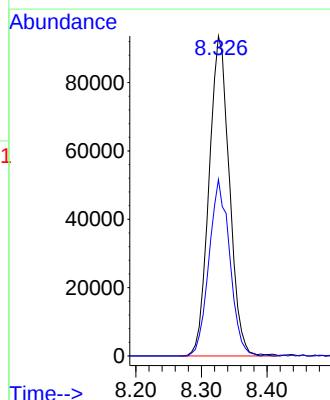
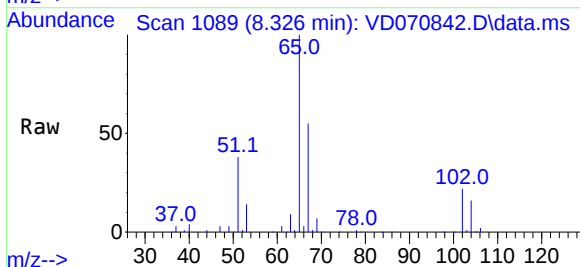
Acq: 26 Oct 2021 16:06

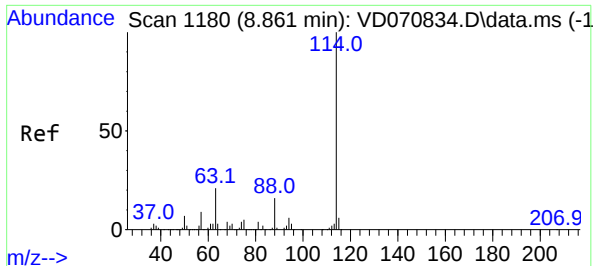
Tgt Ion: 65 Resp: 201835

Ion Ratio Lower Upper

65 100

67 56.0 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: VD070842.D

Acq: 26 Oct 2021 16:06

Instrument :

MSVOA_D

ClientSampleId :

OK-2-102521

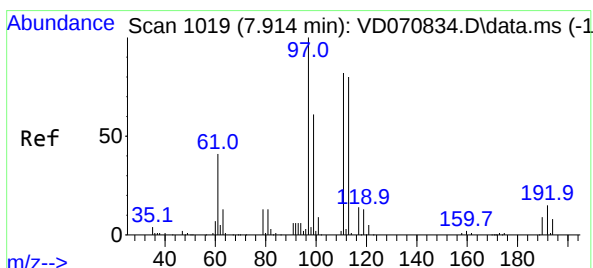
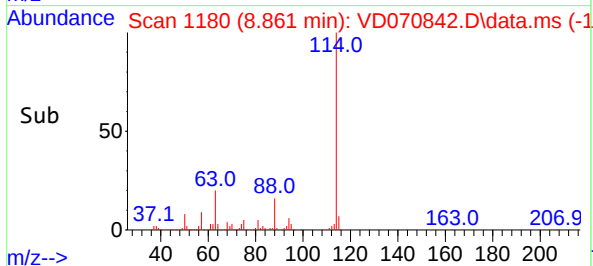
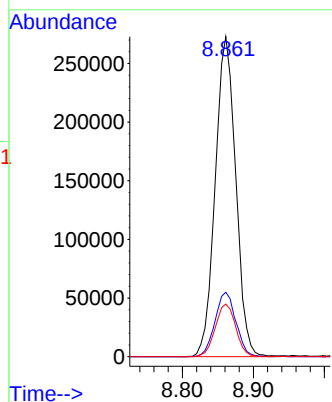
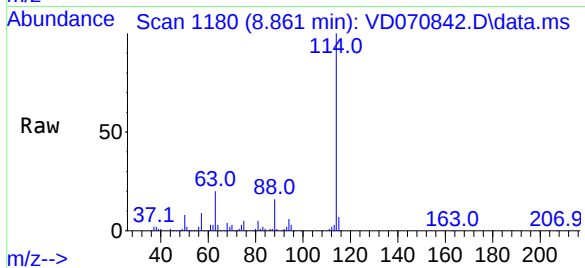
Tgt Ion:114 Resp: 546366

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.349 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070842.D

Acq: 26 Oct 2021 16:06

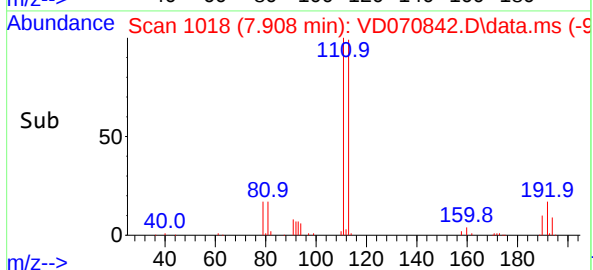
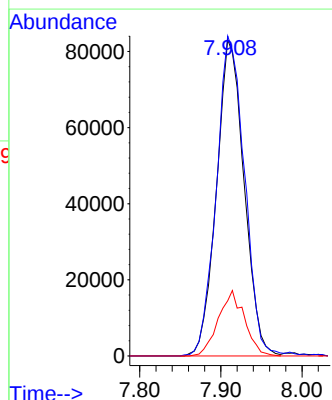
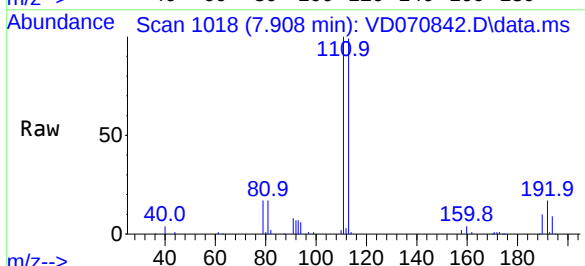
Tgt Ion:113 Resp: 195790

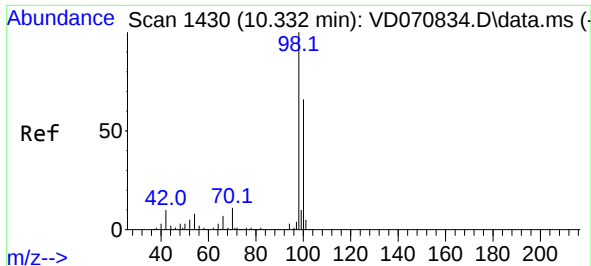
Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 19.7 15.2 22.8

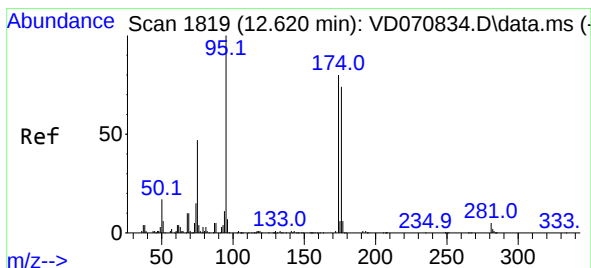
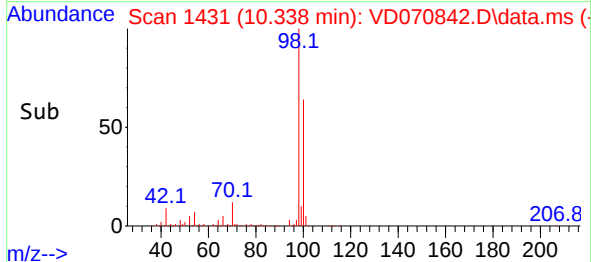
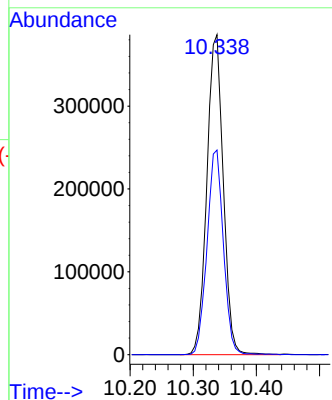
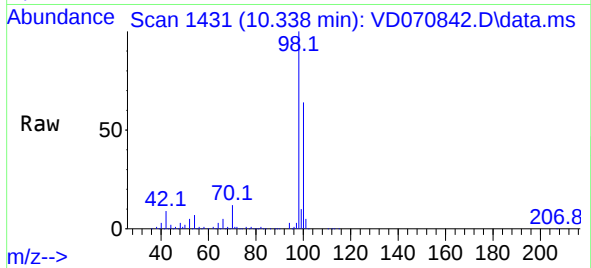




#50
Toluene-d8
Concen: 51.377 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD070842.D
Acq: 26 Oct 2021 16:06

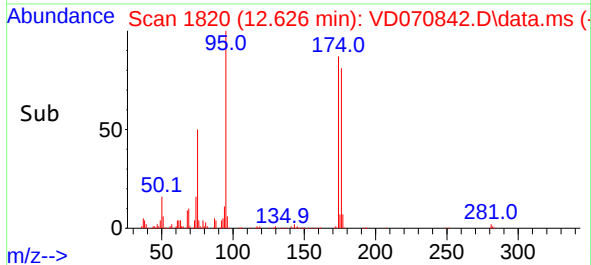
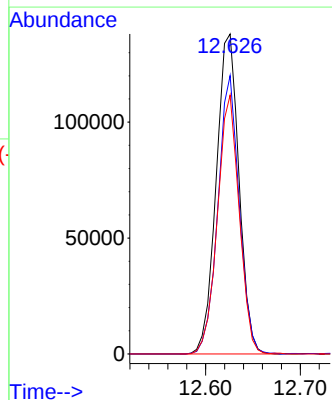
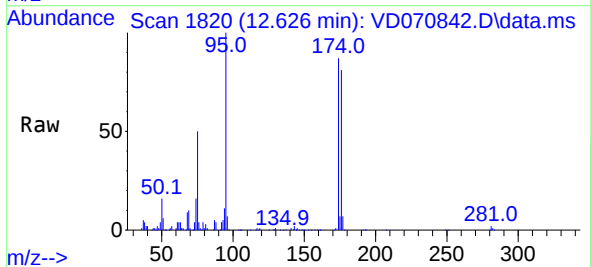
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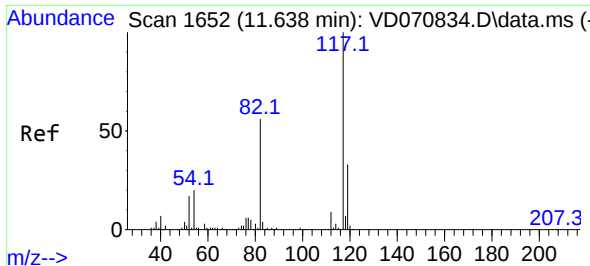
Tgt Ion: 98 Resp: 696322
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.540 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070842.D
Acq: 26 Oct 2021 16:06

Tgt Ion: 95 Resp: 230476
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.4
176 77.4 0.0 154.0

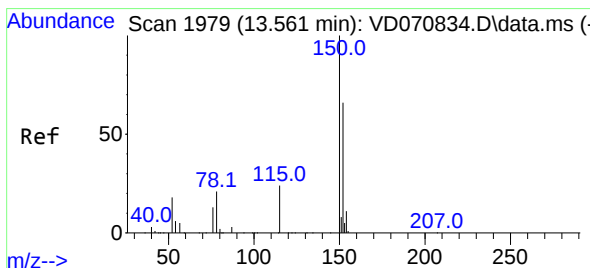
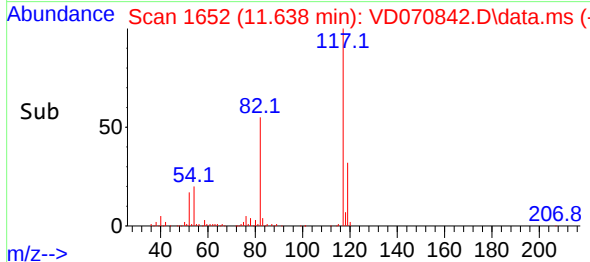
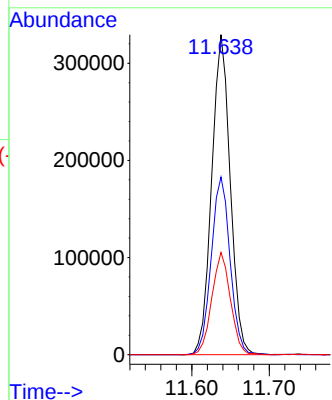
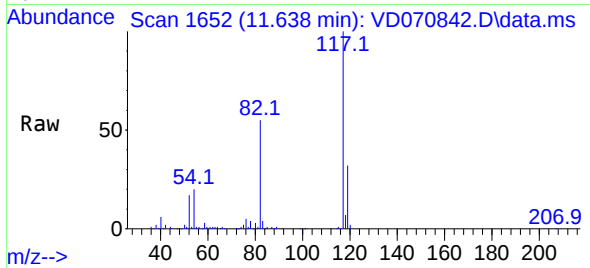




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070842.D
Acq: 26 Oct 2021 16:06

Instrument :
MSVOA_D
ClientSampleId :
OK-2-102521

Tgt Ion:117 Resp: 547036
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070842.D
Acq: 26 Oct 2021 16:06

Tgt Ion:152 Resp: 254264
Ion Ratio Lower Upper
152 100
115 58.3 29.8 89.3
150 153.3 0.0 349.2

