

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
 Data File : VD070845.D
 Acq On : 26 Oct 2021 17:32
 Operator : VA/SY
 Sample : M4348-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 354

Quant Time: Oct 27 06:22:53 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	561868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1003287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1004019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	468684	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262255	46.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.820%
35) Dibromofluoromethane	7.908	113	324266	49.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.040%
50) Toluene-d8	10.332	98	1276496	51.291	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.626	95	434480	52.911	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.820%

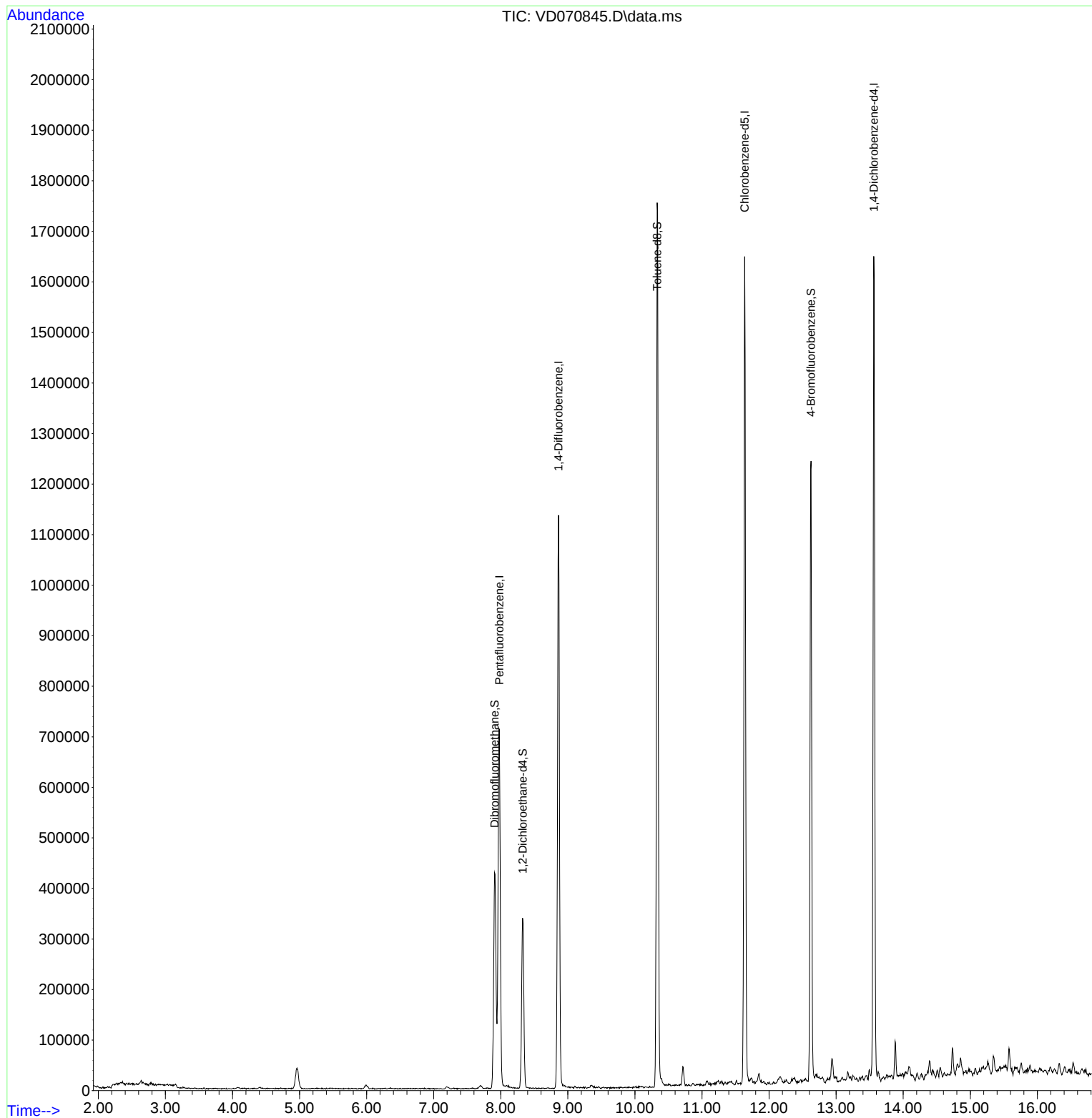
Target Compounds	Qvalue

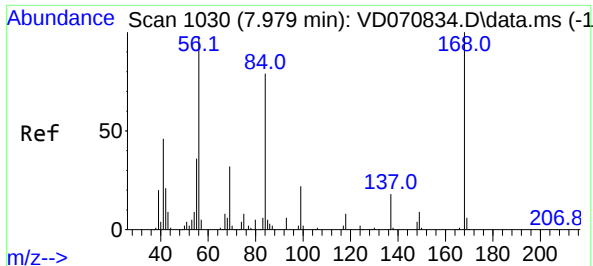
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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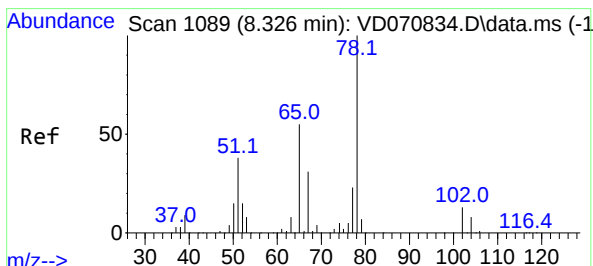
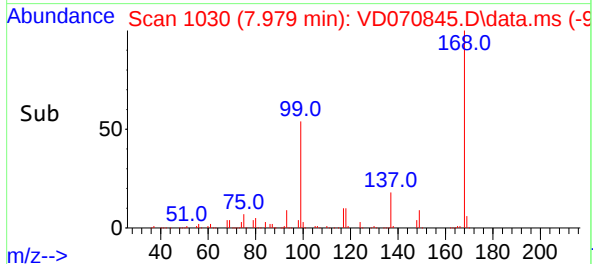
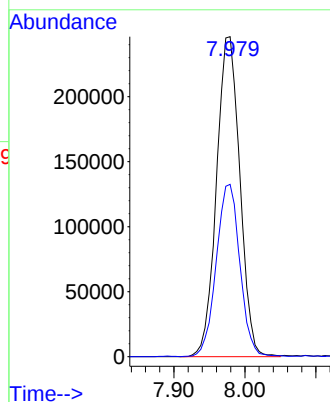
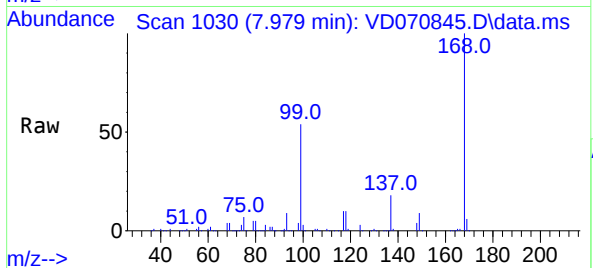




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070845.D
Acq: 26 Oct 2021 17:32

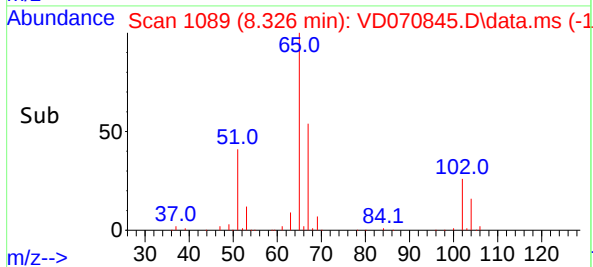
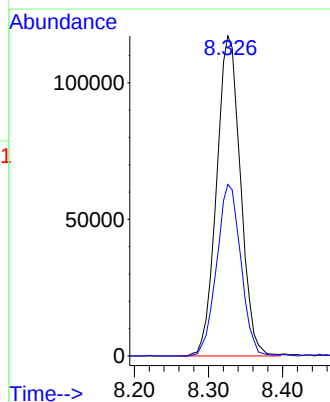
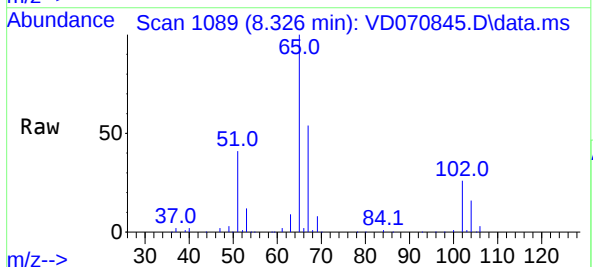
Instrument :
MSVOA_D
ClientSampleId :
354

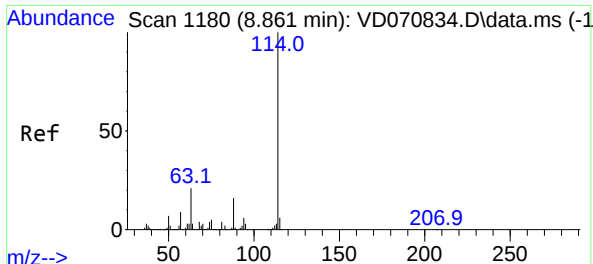
Tgt Ion:168 Resp: 561868
Ion Ratio Lower Upper
168 100
99 53.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 46.409 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070845.D
Acq: 26 Oct 2021 17:32

Tgt Ion: 65 Resp: 262255
Ion Ratio Lower Upper
65 100
67 54.2 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: VD070845.D

Acq: 26 Oct 2021 17:32

Instrument :

MSVOA_D

ClientSampleId :

354

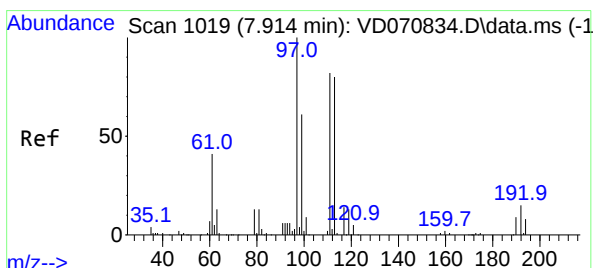
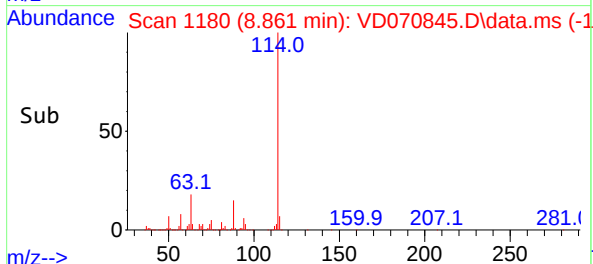
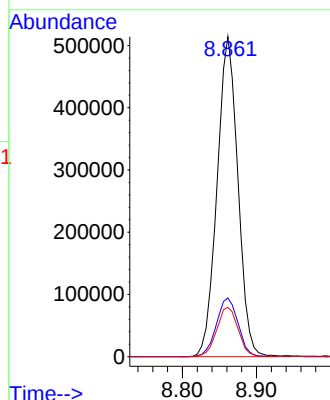
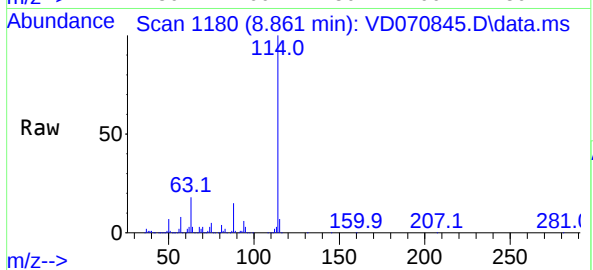
Tgt Ion:114 Resp: 1003287

Ion Ratio Lower Upper

114 100

63 18.3 0.0 41.8

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.019 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070845.D

Acq: 26 Oct 2021 17:32

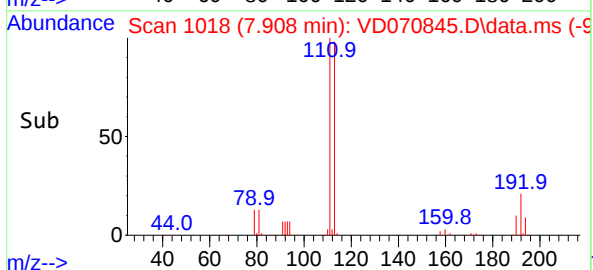
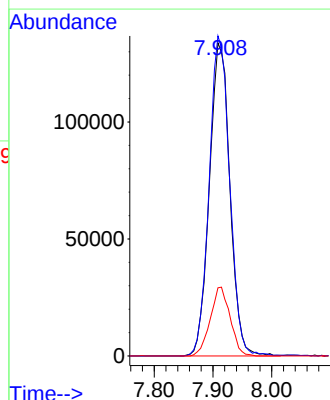
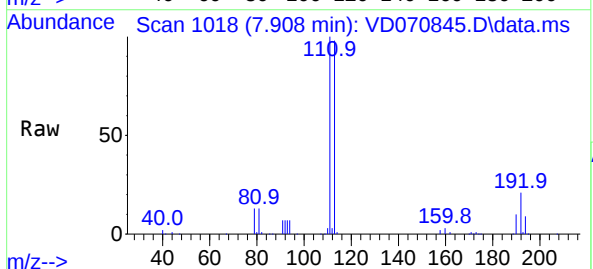
Tgt Ion:113 Resp: 324266

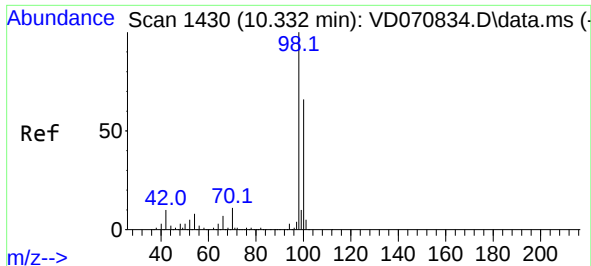
Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

192 21.3 15.2 22.8

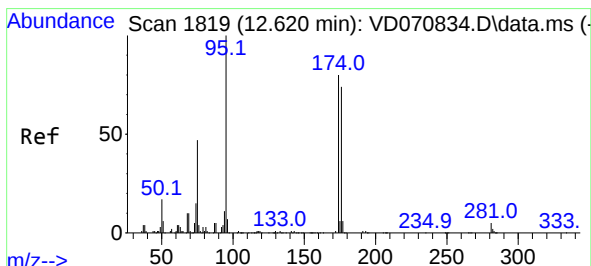
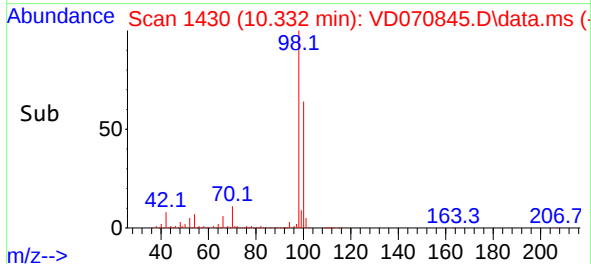
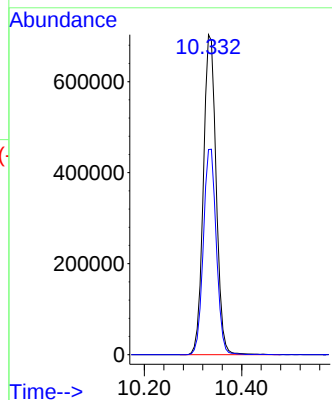
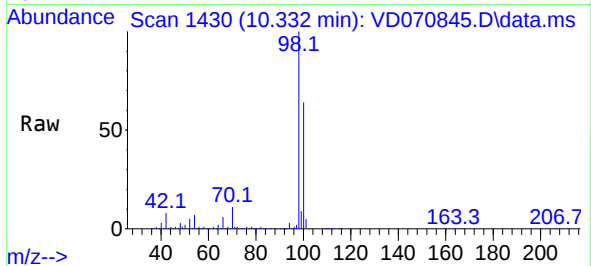




#50
Toluene-d8
Concen: 51.291 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070845.D
Acq: 26 Oct 2021 17:32

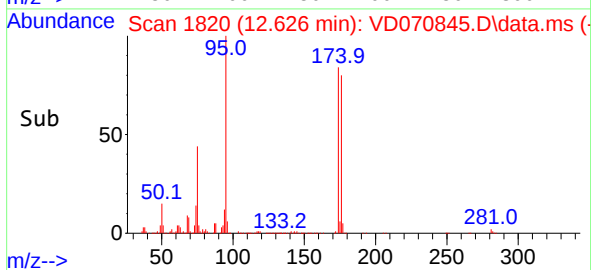
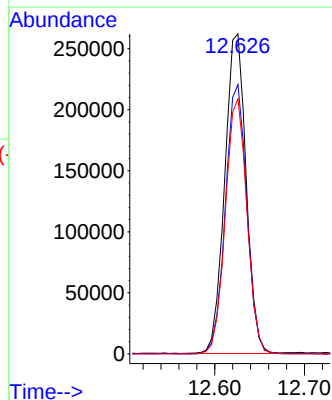
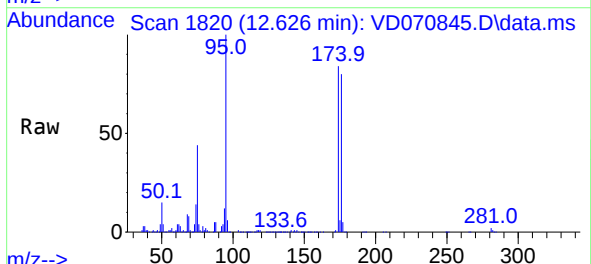
Instrument :
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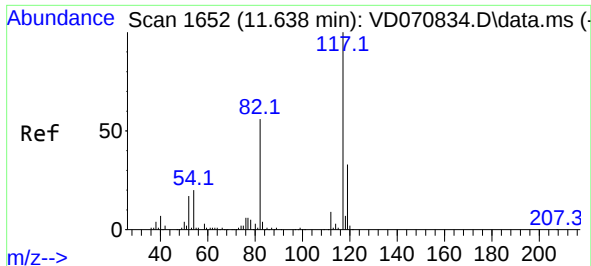
Tgt Ion: 98 Resp: 1276496
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.911 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070845.D
Acq: 26 Oct 2021 17:32

Tgt Ion: 95 Resp: 434480
Ion Ratio Lower Upper
95 100
174 84.2 0.0 159.4
176 80.0 0.0 154.0

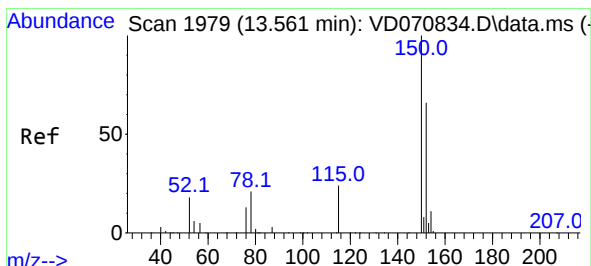
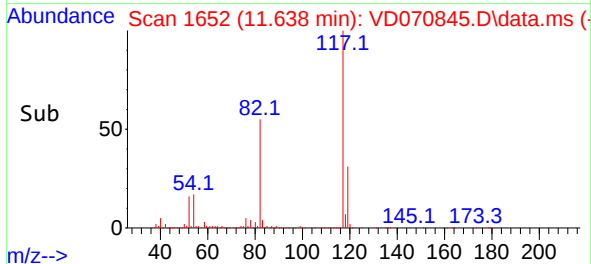
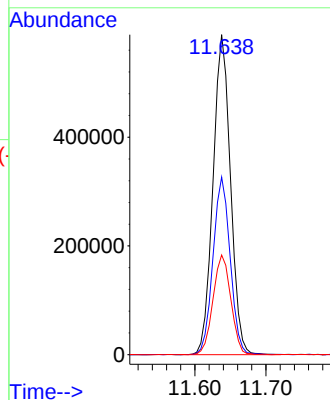
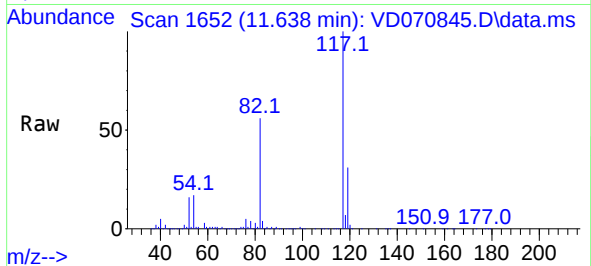




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD070845.D
Acq: 26 Oct 2021 17:32

Instrument :
MSVOA_D
ClientSampleId :
354

Tgt Ion:117 Resp: 1004019
Ion Ratio Lower Upper
117 100
82 55.5 44.7 67.1
119 31.1 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: VD070845.D
Acq: 26 Oct 2021 17:32

Tgt Ion:152 Resp: 468684
Ion Ratio Lower Upper
152 100
115 56.9 29.8 89.3
150 155.1 0.0 349.2

