

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110921\
 Data File : VD070960.D
 Acq On : 09 Nov 2021 20:06
 Operator : VA/SY
 Sample : M4540-09RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5RE

Quant Time: Nov 10 03:59:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	33024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	64441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	66080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	30541	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	26756	76.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.200%
35) Dibromofluoromethane	7.914	113	18240	50.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.320%
50) Toluene-d8	10.332	98	80702	56.671	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.340%
62) 4-Bromofluorobenzene	12.620	95	33471	65.278	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	130.560%

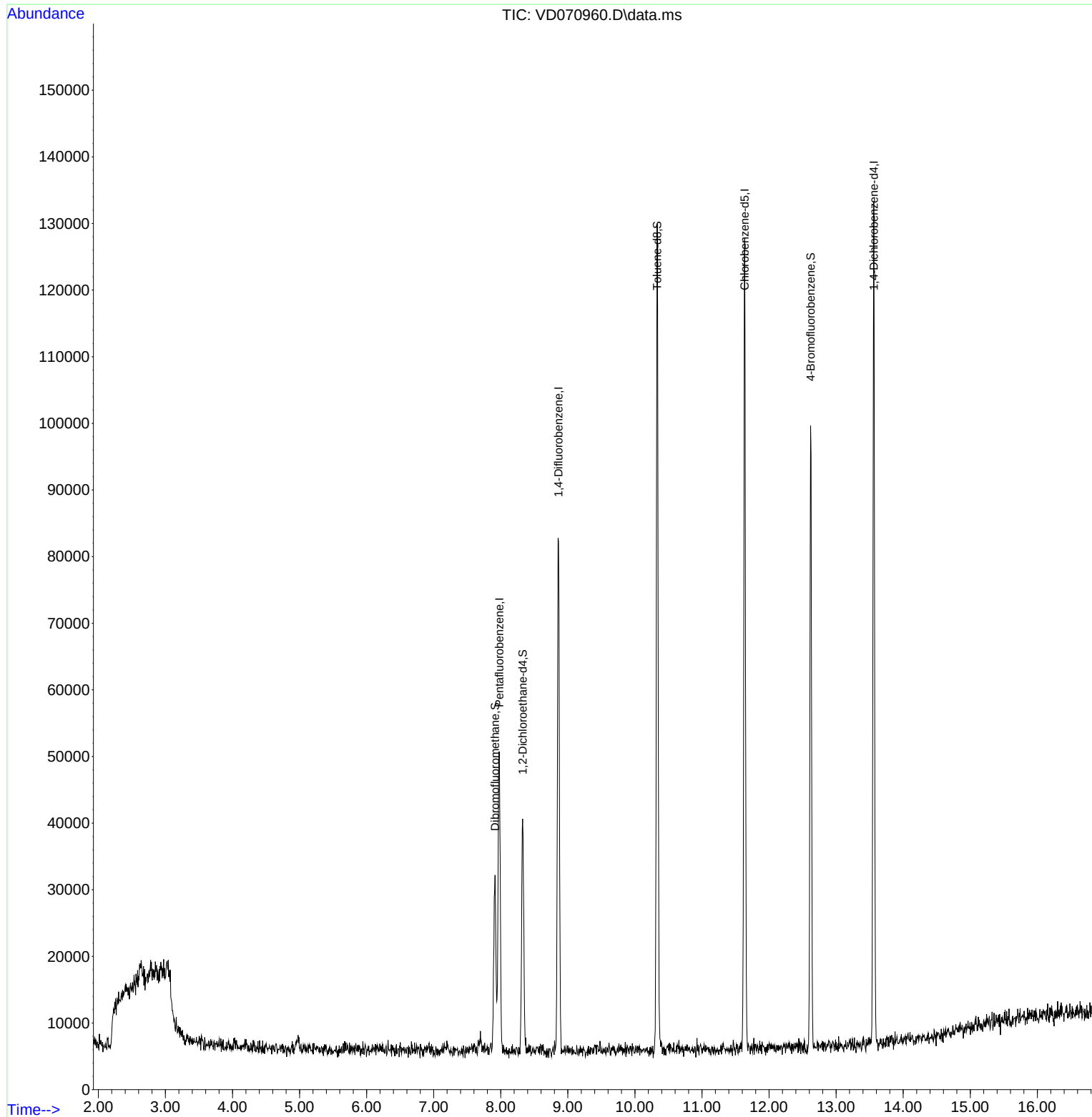
Target Compounds	Qvalue

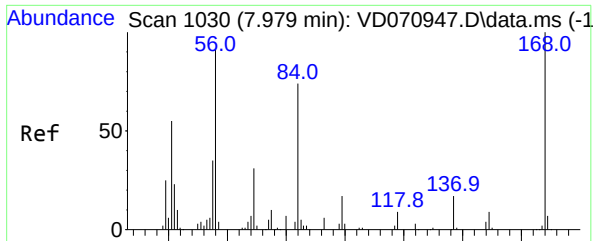
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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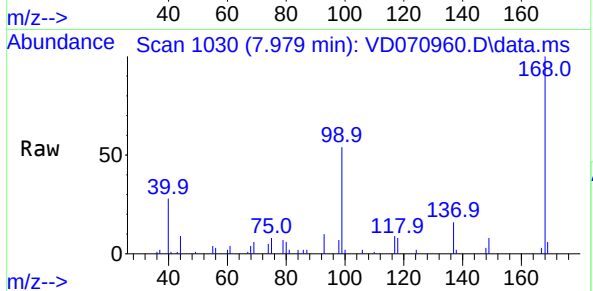
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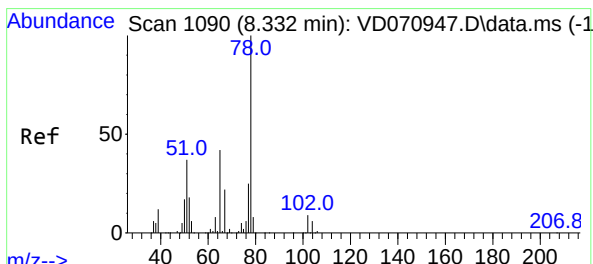
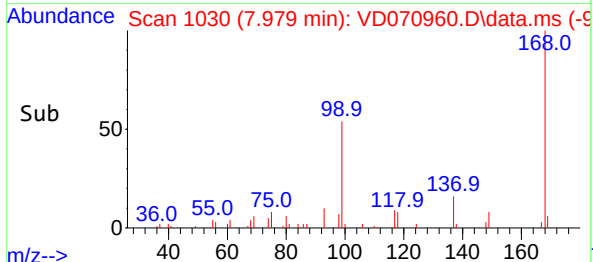
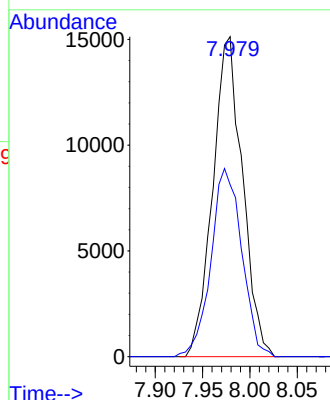


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070960.D
Acq: 09 Nov 2021 20:06

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

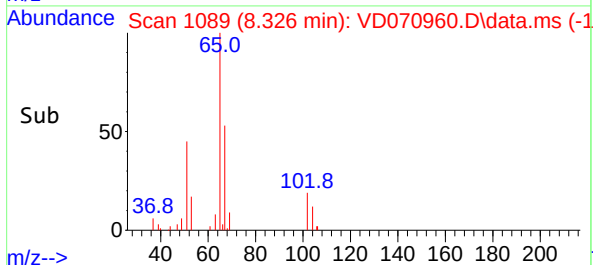
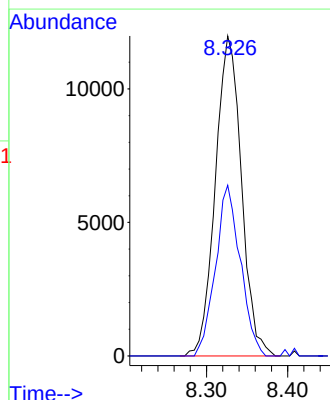
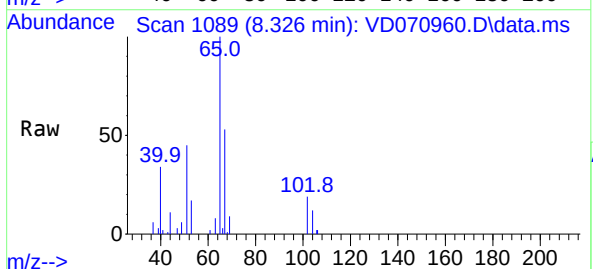


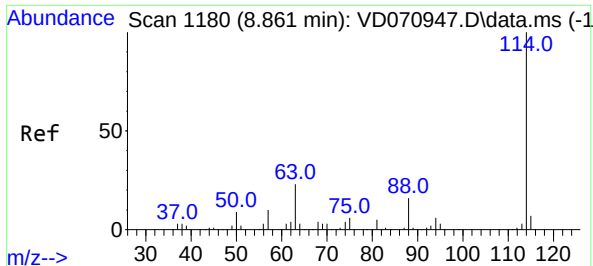
Tgt Ion:168 Resp: 33024
Ion Ratio Lower Upper
168 100
99 53.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 76.096 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070960.D
Acq: 09 Nov 2021 20:06

Tgt Ion: 65 Resp: 26756
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: VD070960.D

Acq: 09 Nov 2021 20:06

Instrument :

MSVOA_D

ClientSampleId :

TP-5RE

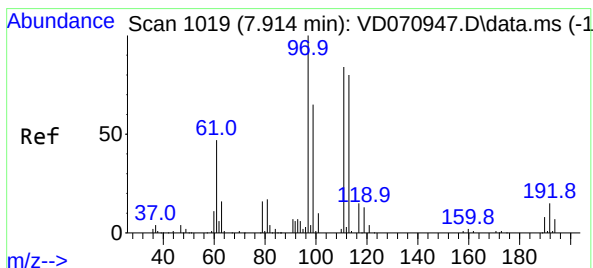
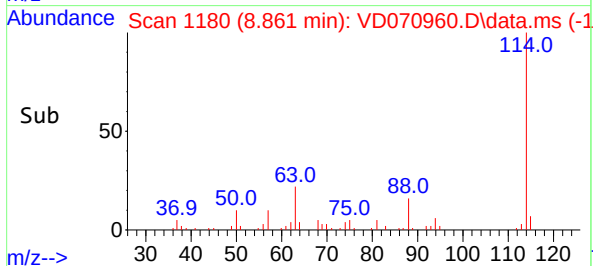
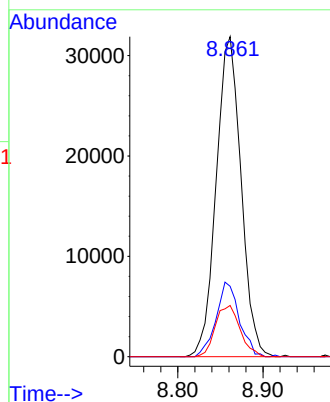
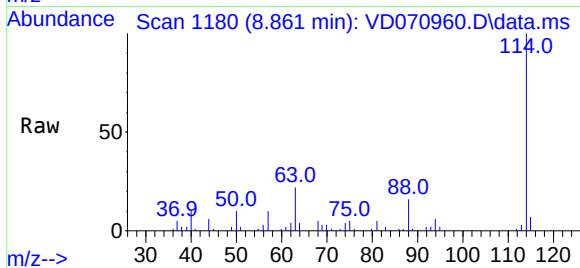
Tgt Ion:114 Resp: 64441

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.161 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070960.D

Acq: 09 Nov 2021 20:06

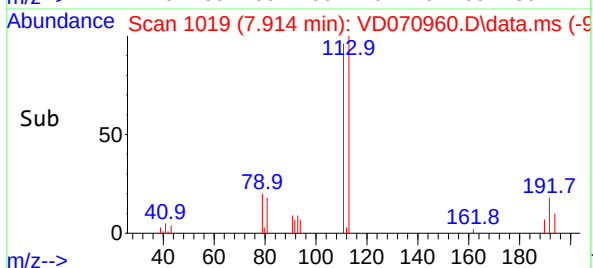
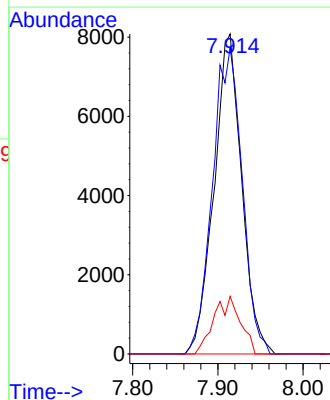
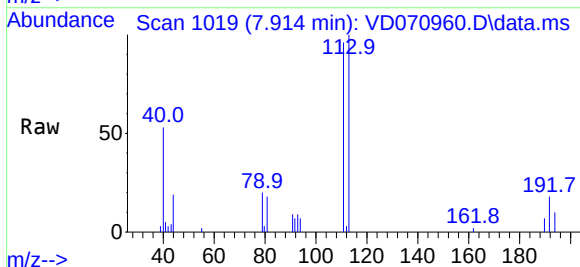
Tgt Ion:113 Resp: 18240

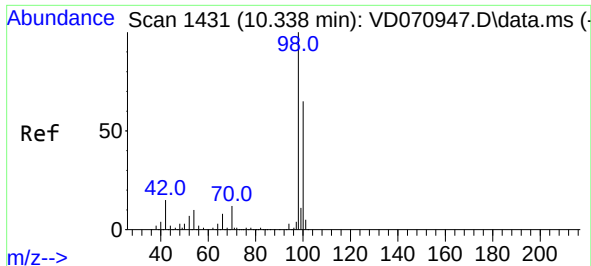
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 8.7 15.2 22.8#

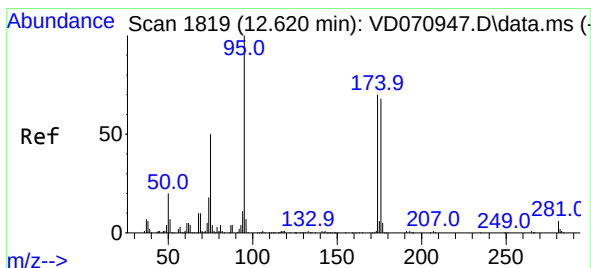
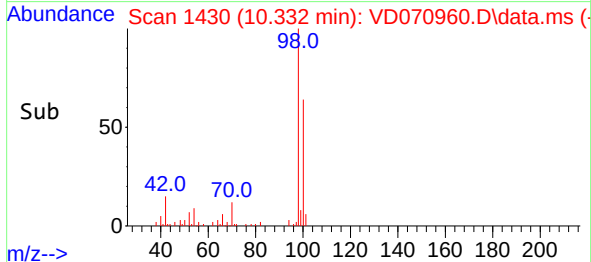
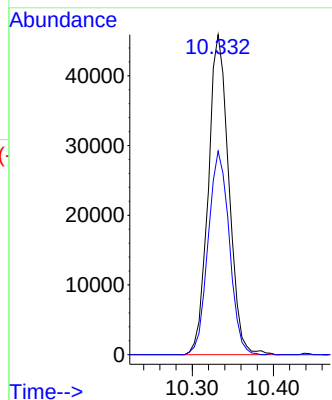
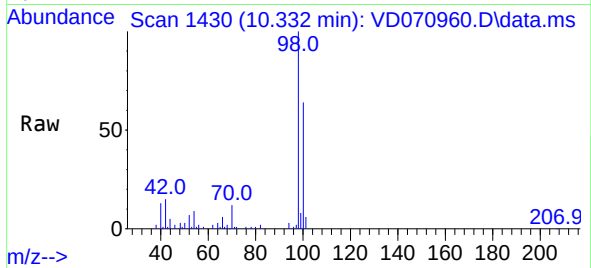




#50
Toluene-d8
Concen: 56.671 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD070960.D
Acq: 09 Nov 2021 20:06

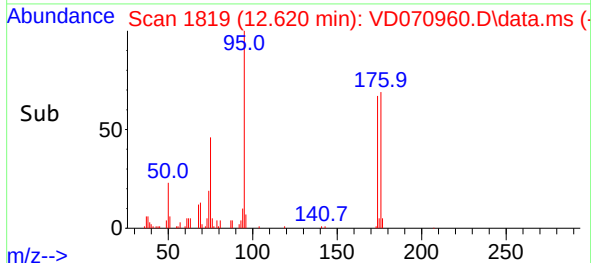
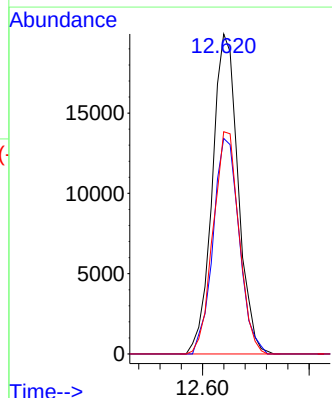
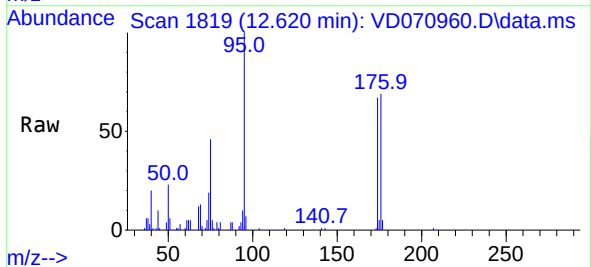
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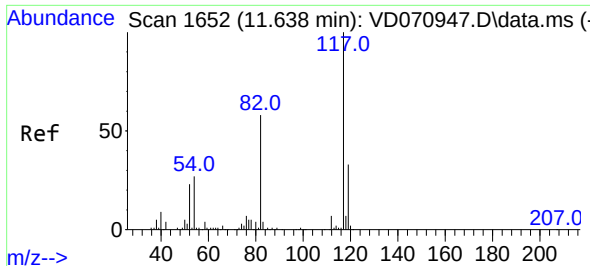
Tgt Ion: 98 Resp: 80702
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 65.278 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070960.D
Acq: 09 Nov 2021 20:06

Tgt Ion: 95 Resp: 33471
Ion Ratio Lower Upper
95 100
174 68.2 0.0 159.4
176 69.6 0.0 154.0

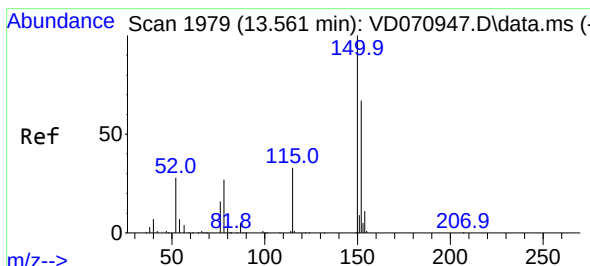
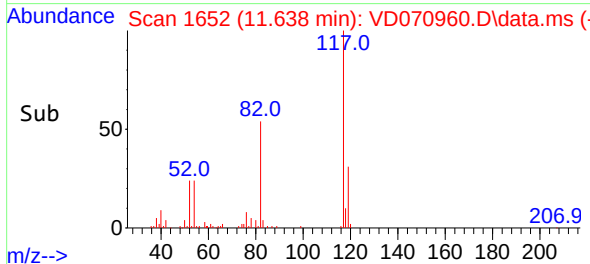
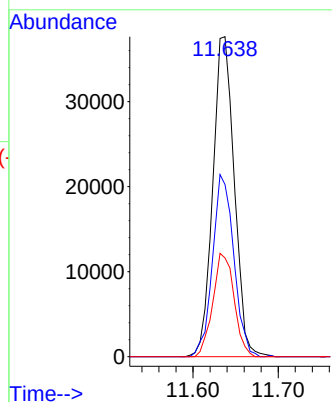
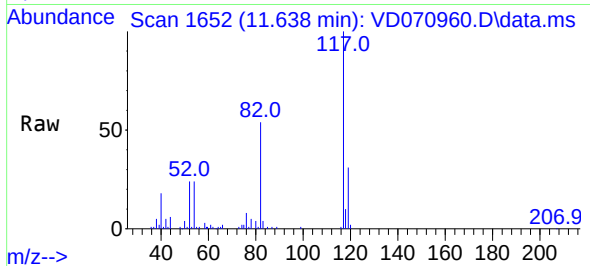




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070960.D
Acq: 09 Nov 2021 20:06

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tgt Ion:	117	Resp:	66080
Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.7	67.1
119	30.8	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: VD070960.D
Acq: 09 Nov 2021 20:06

Tgt Ion:	152	Resp:	30541
Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.8	89.3
150	158.1	0.0	349.2

