

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070941.D
 Acq On : 08 Nov 2021 17:55
 Operator : VA/SY
 Sample : M4519-05
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Nov 09 02:34:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	494296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	922396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	879592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	400978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	273697	45.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.160%
35) Dibromofluoromethane	7.914	113	282930	48.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.332	98	1167782	51.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.620	95	431513	50.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.780%

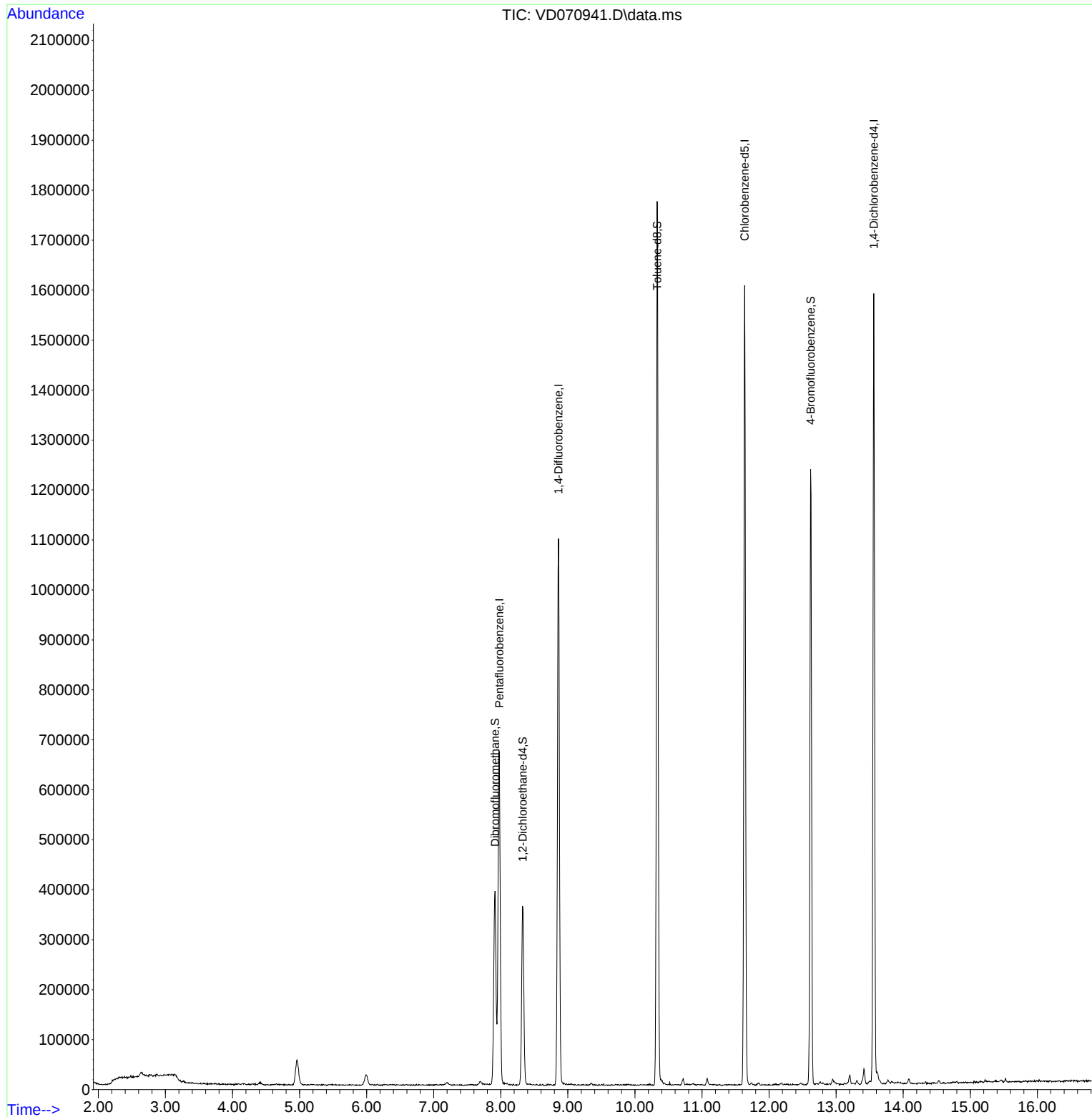
Target Compounds	Qvalue

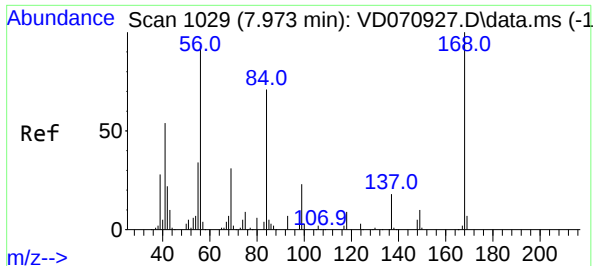
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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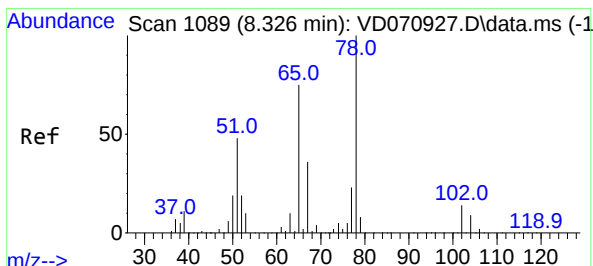
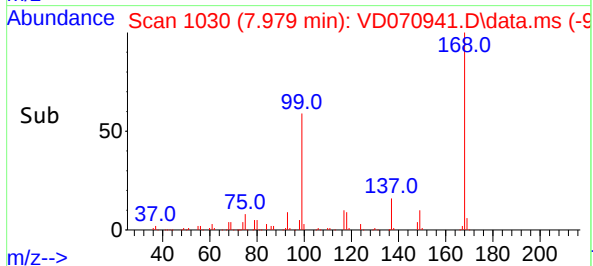
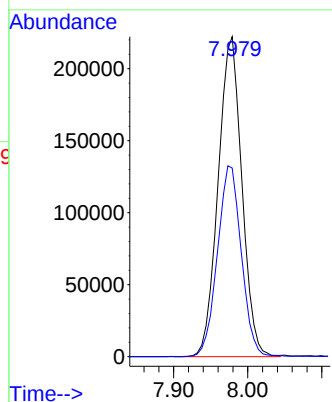
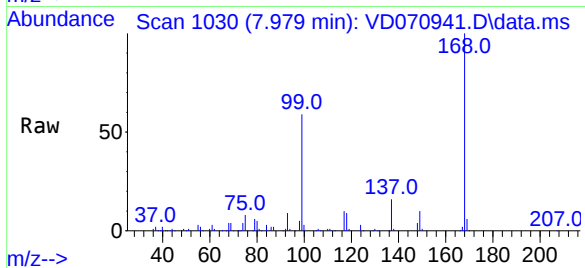




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD070941.D
Acq: 08 Nov 2021 17:55

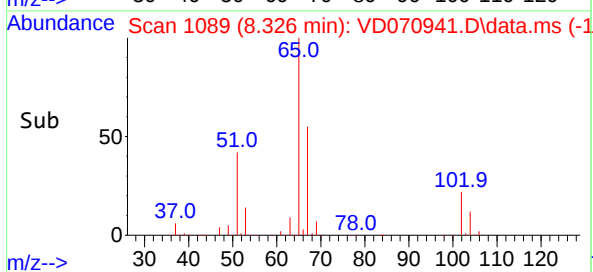
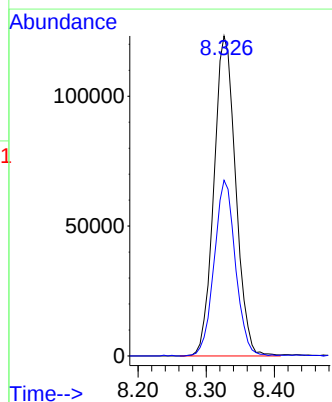
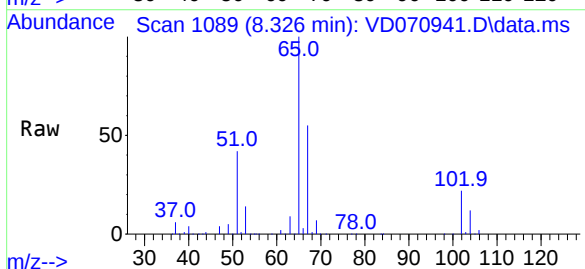
Instrument :
MSVOA_D
ClientSampleId :
SB-5

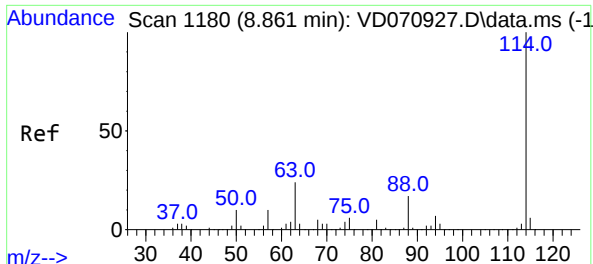
Tgt Ion:168 Resp: 494296
Ion Ratio Lower Upper
168 100
99 59.0 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 45.084 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070941.D
Acq: 08 Nov 2021 17:55

Tgt Ion: 65 Resp: 273697
Ion Ratio Lower Upper
65 100
67 53.7 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: VD070941.D

Acq: 08 Nov 2021 17:55

Instrument :

MSVOA_D

ClientSampleId :

SB-5

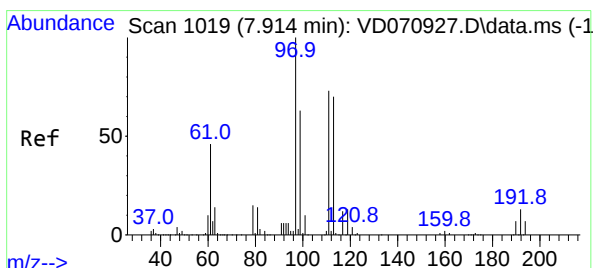
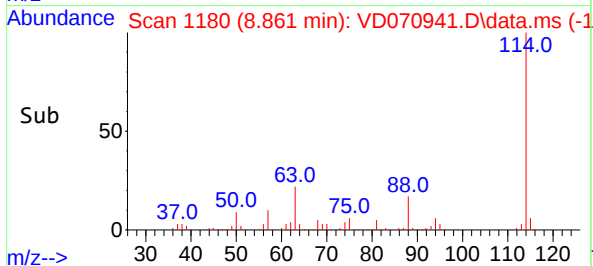
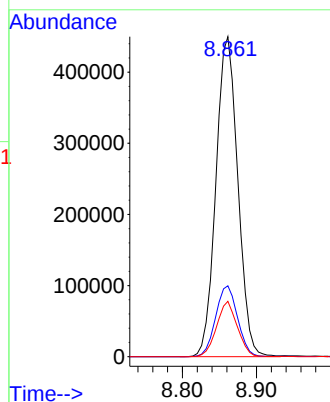
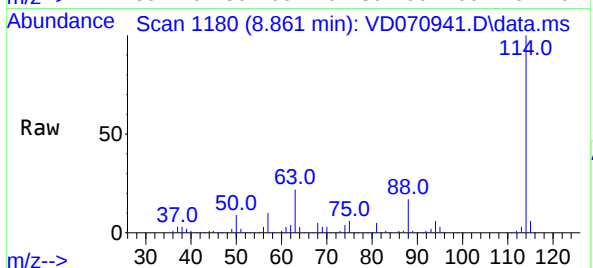
Tgt Ion:114 Resp: 922396

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 17.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 48.963 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070941.D

Acq: 08 Nov 2021 17:55

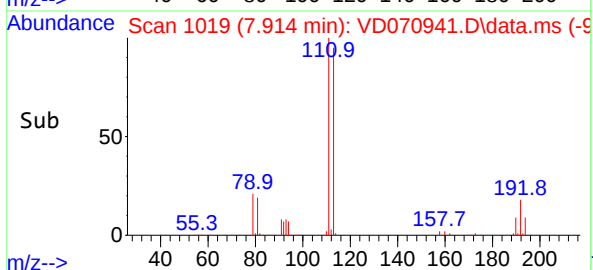
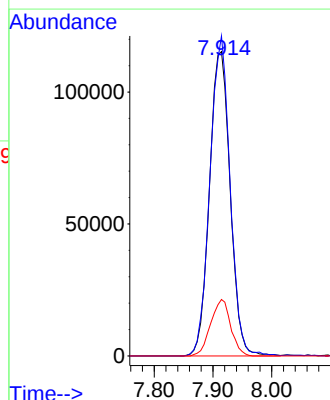
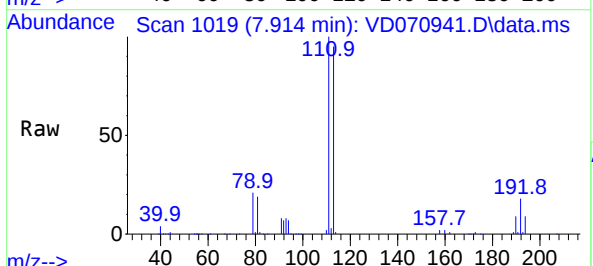
Tgt Ion:113 Resp: 282930

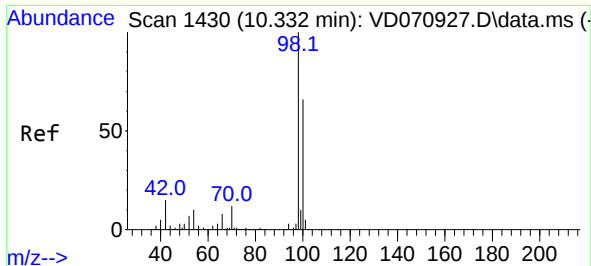
Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

192 17.9 15.2 22.8

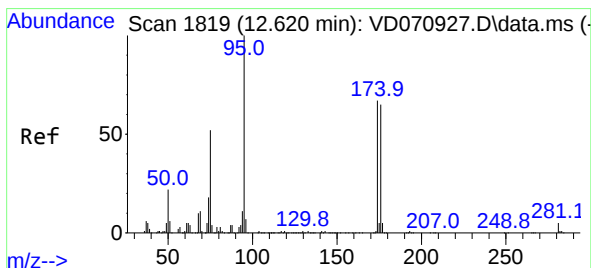
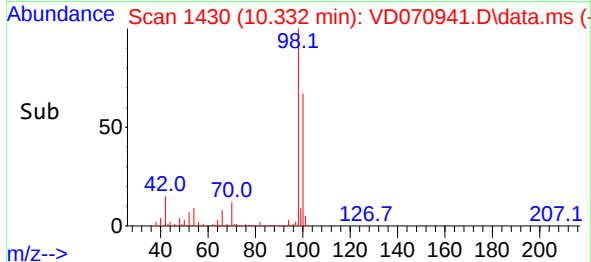
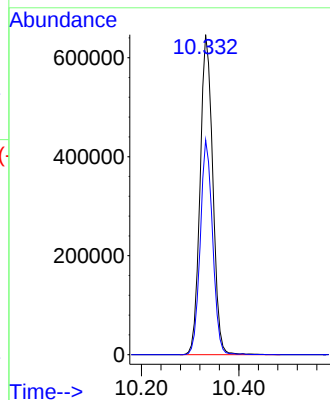
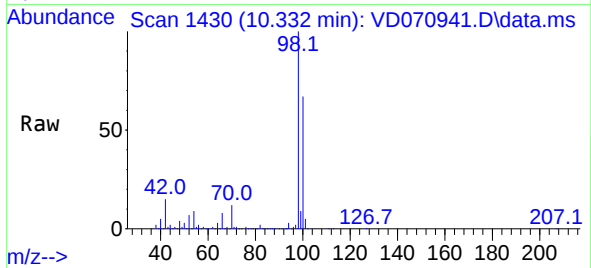




#50
Toluene-d8
Concen: 51.989 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070941.D
Acq: 08 Nov 2021 17:55

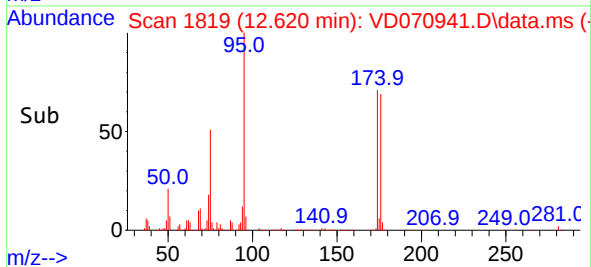
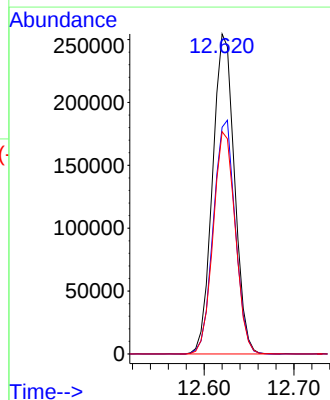
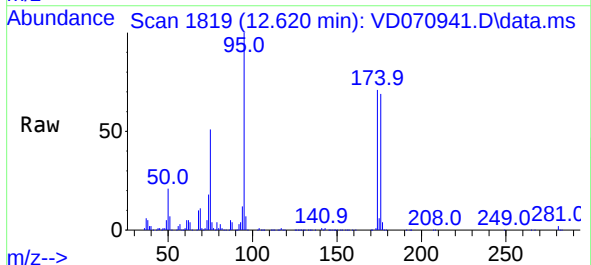
Instrument :
MSVOA_D
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SB-5

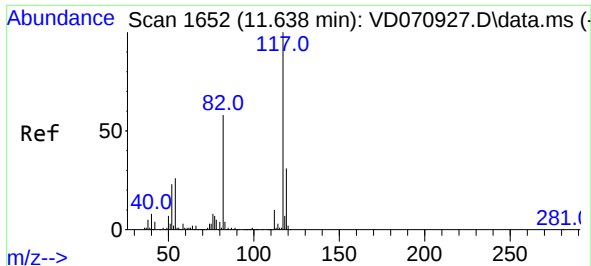
Tgt Ion: 98 Resp: 1167782
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 50.888 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070941.D
Acq: 08 Nov 2021 17:55

Tgt Ion: 95 Resp: 431513
Ion Ratio Lower Upper
95 100
174 72.9 0.0 159.4
176 69.9 0.0 154.0

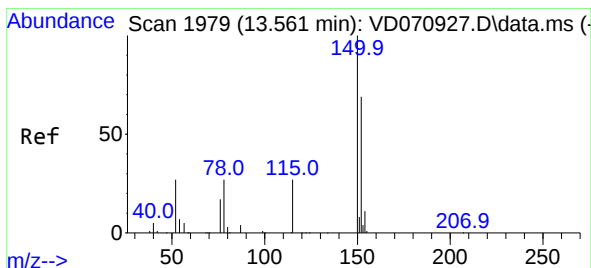
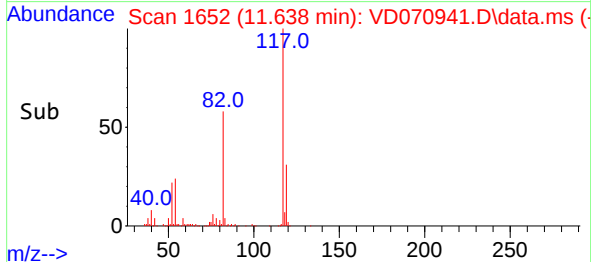
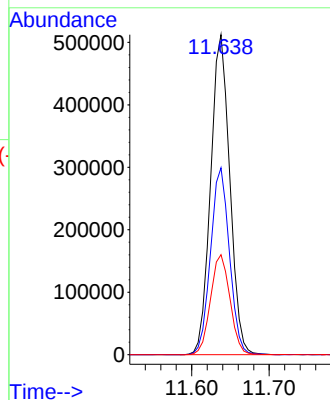
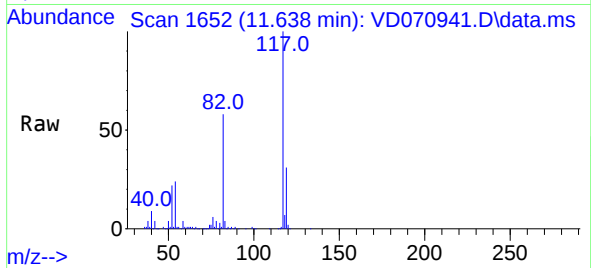




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD070941.D
Acq: 08 Nov 2021 17:55

Instrument :
MSVOA_D
ClientSampleId :
SB-5

Tgt Ion:117 Resp: 879592
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 31.3 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: VD070941.D
Acq: 08 Nov 2021 17:55

Tgt Ion:152 Resp: 400978
Ion Ratio Lower Upper
152 100
115 61.0 29.8 89.3
150 158.0 0.0 349.2

