

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069633.D
 Acq On : 08 Jul 2021 17:03
 Operator : VA/SY
 Sample : M2969-09
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB05

Quant Time: Jul 09 01:04:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	556545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1099437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1202263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	510882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	375458	54.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.240%
35) Dibromofluoromethane	7.914	113	372420	50.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.220%
50) Toluene-d8	10.338	98	1448065	51.945	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.626	95	561125	61.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.460%

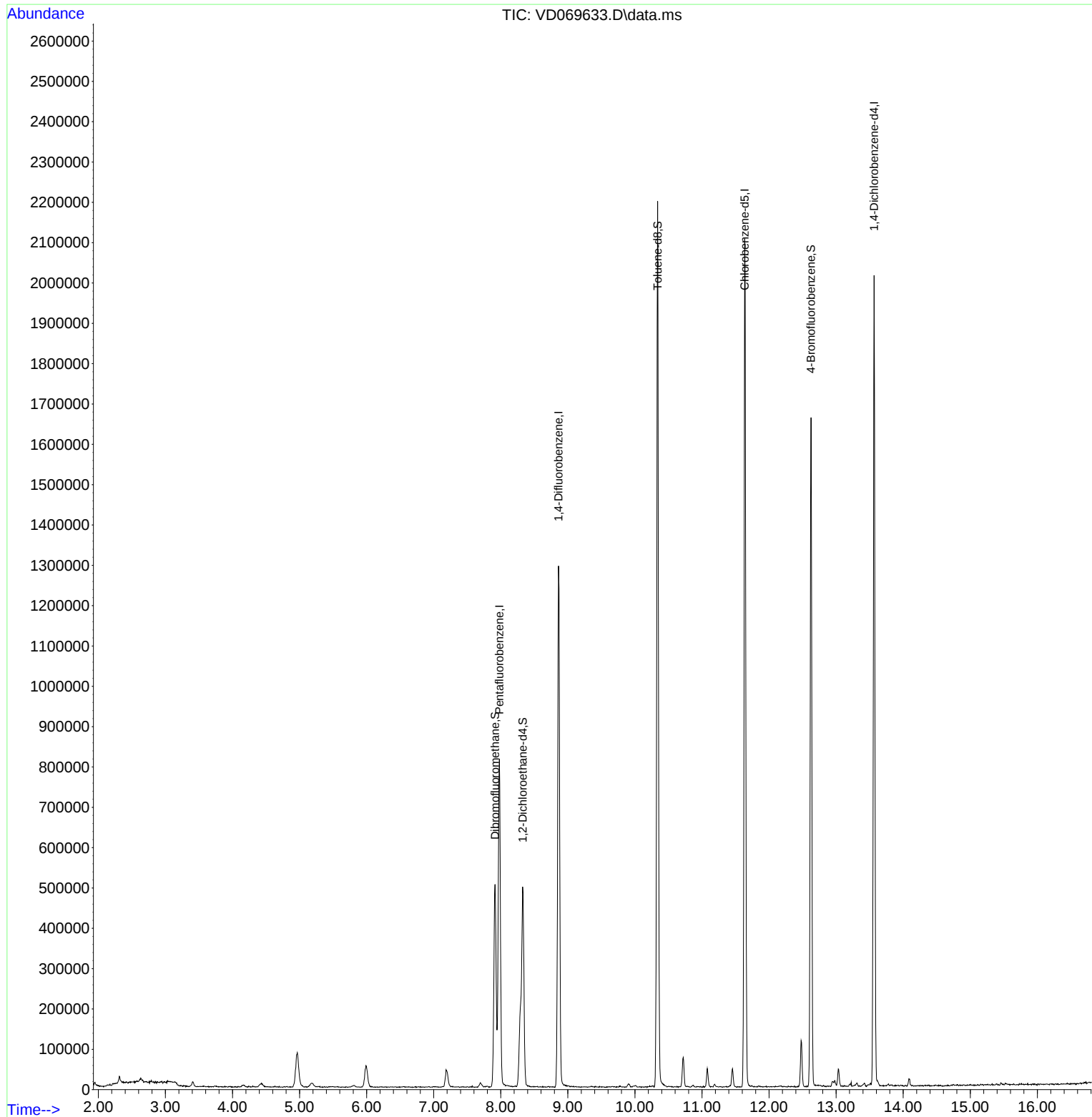
Target Compounds	Qvalue

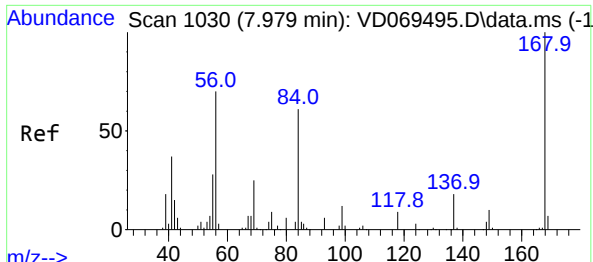
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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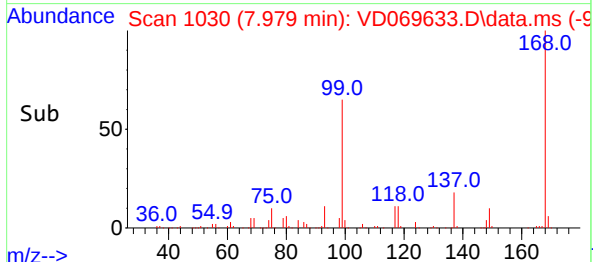
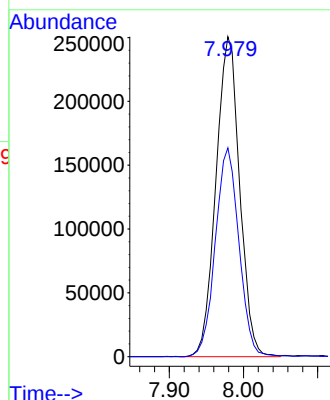
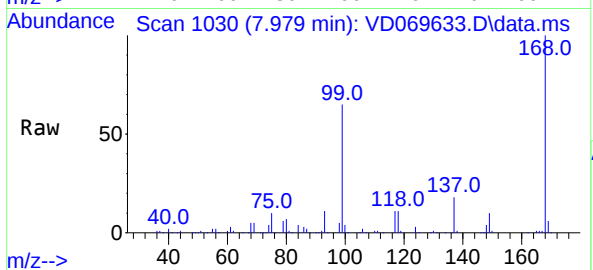




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069633.D
Acq: 08 Jul 2021 17:03

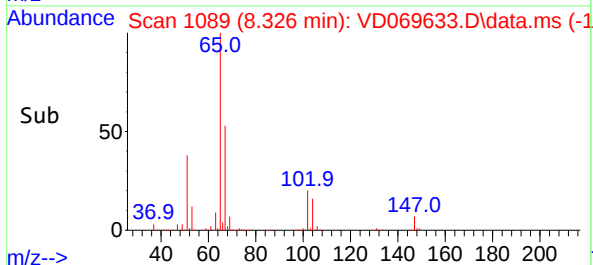
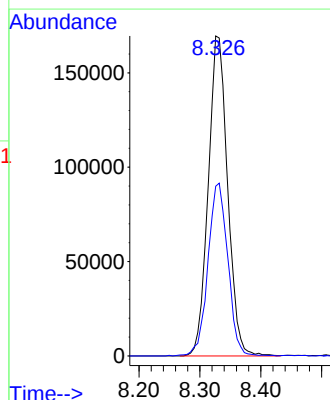
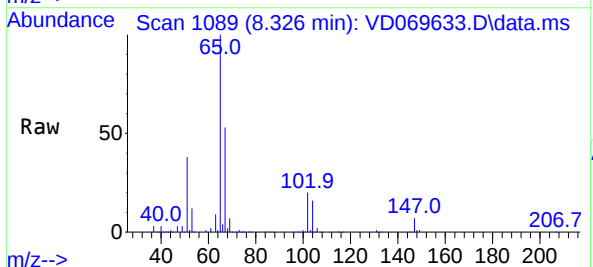
Instrument :
MSVOA_D
ClientSampleId :
SB05

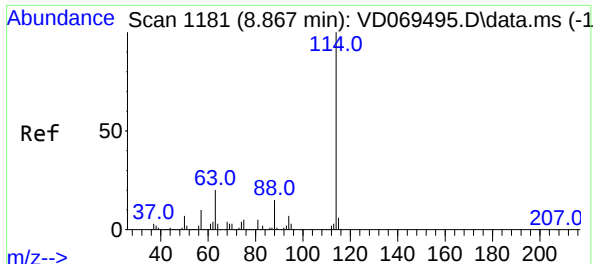
Tgt Ion:168 Resp: 556545
Ion Ratio Lower Upper
168 100
99 65.2 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 54.122 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069633.D
Acq: 08 Jul 2021 17:03

Tgt Ion: 65 Resp: 375458
Ion Ratio Lower Upper
65 100
67 55.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

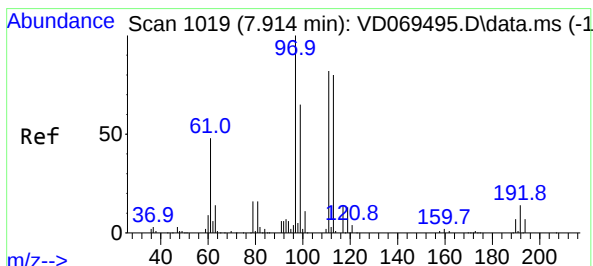
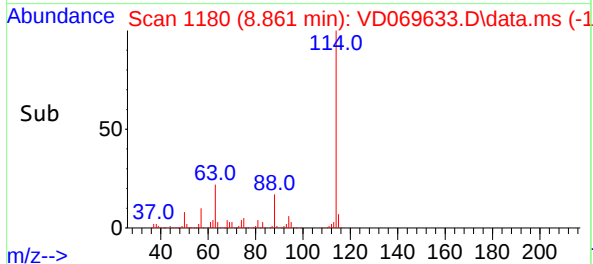
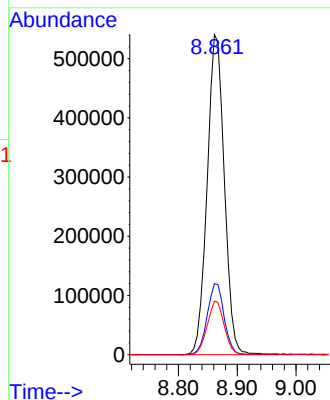
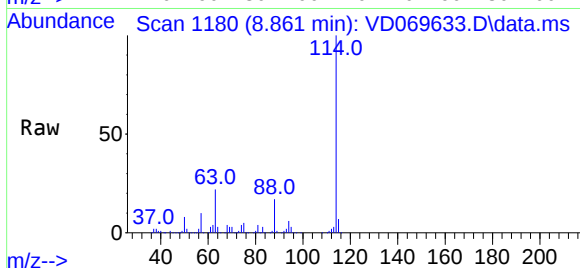
Delta R.T. -0.006 min

Lab File: VD069633.D

Acq: 08 Jul 2021 17:03

Tgt Ion:114 Resp: 1099437

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	39.6
88	16.7	0.0	29.8



#35

Dibromofluoromethane

Concen: 50.110 ug/l

RT: 7.914 min Scan# 1019

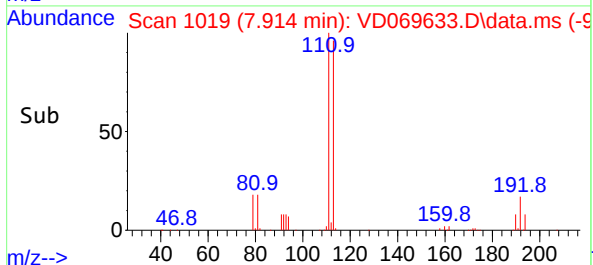
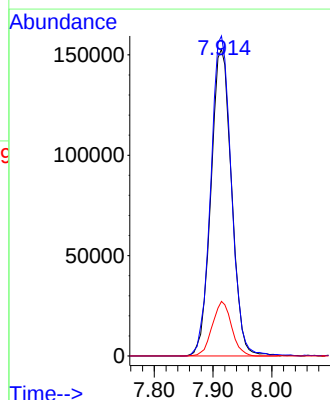
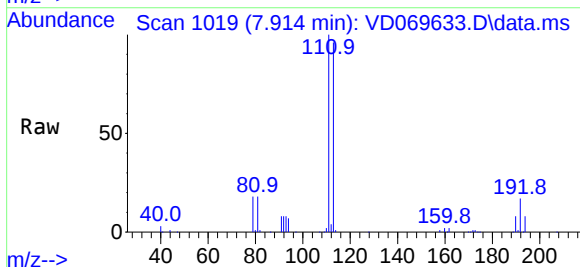
Delta R.T. -0.000 min

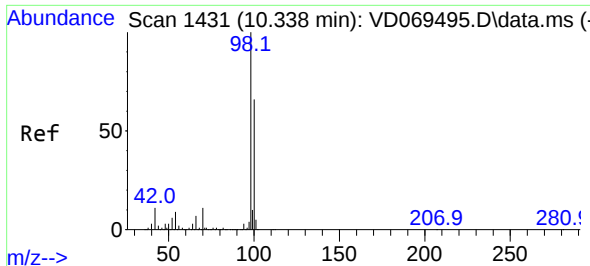
Lab File: VD069633.D

Acq: 08 Jul 2021 17:03

Tgt Ion:113 Resp: 372420

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	16.6	13.8	20.6

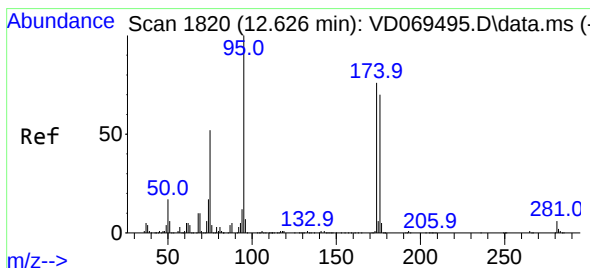
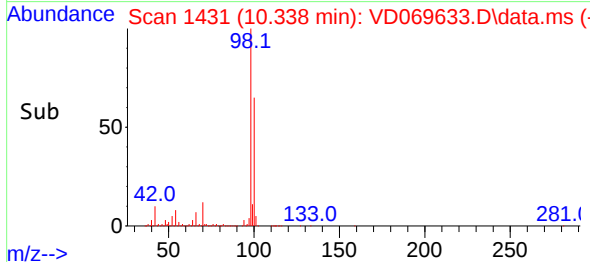
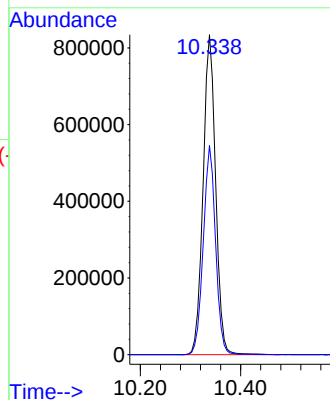
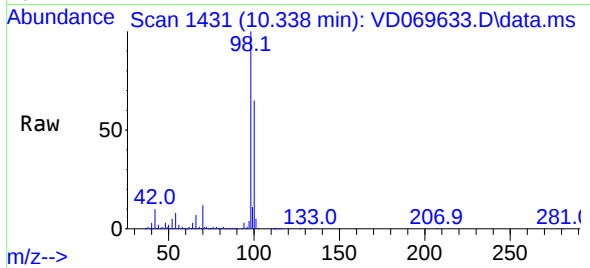




#50
Toluene-d8
Concen: 51.945 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069633.D
Acq: 08 Jul 2021 17:03

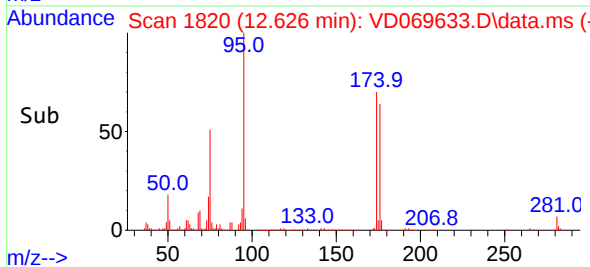
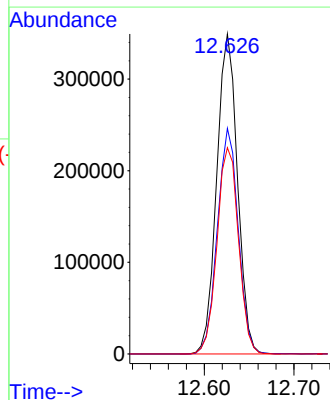
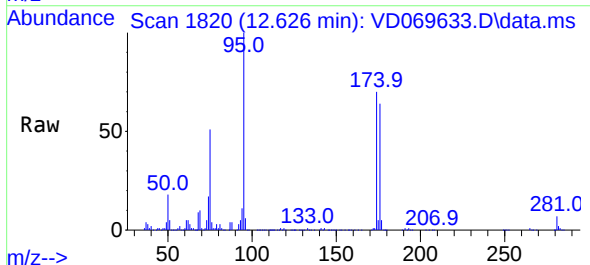
Instrument :
MSVOA_D
ClientSampleId :
SB05

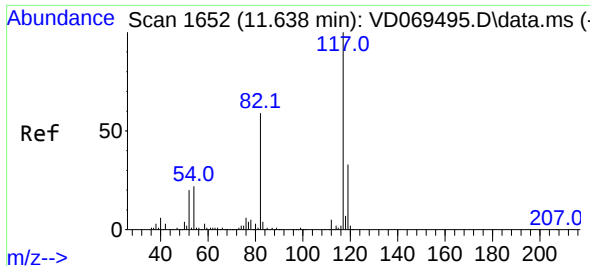
Tgt Ion: 98 Resp: 1448065
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 61.227 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069633.D
Acq: 08 Jul 2021 17:03

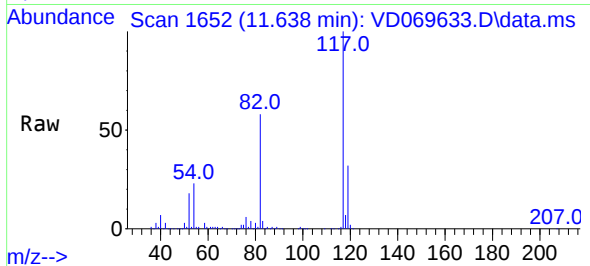
Tgt Ion: 95 Resp: 561125
Ion Ratio Lower Upper
95 100
174 71.1 0.0 148.0
176 66.7 0.0 139.8





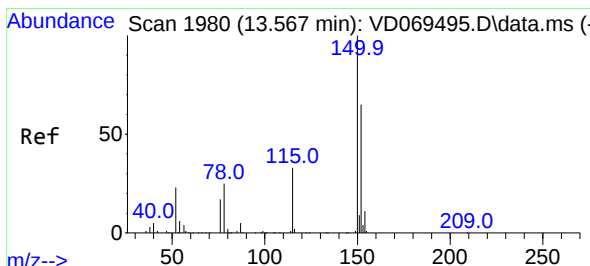
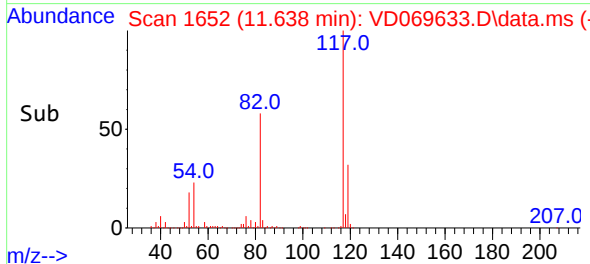
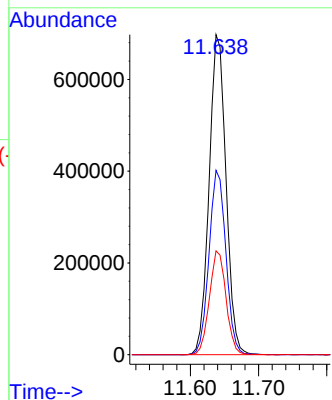
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069633.D
Acq: 08 Jul 2021 17:03

Instrument :
MSVOA_D
ClientSampled :
SB05



Tgt Ion:117 Resp: 1202263

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.8	70.2
119	32.4	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069633.D
Acq: 08 Jul 2021 17:03

Tgt Ion:152 Resp: 510882

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.7	95.1
150	158.2	0.0	350.8

