

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069611.D
 Acq On : 07 Jul 2021 16:33
 Operator : VA/SY
 Sample : M2935-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jul 08 01:07:44 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	508768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1090986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1174552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	503288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	363504	57.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.640%
35) Dibromofluoromethane	7.914	113	383384	51.985	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.338	98	1460194	52.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.580%
62) 4-Bromofluorobenzene	12.626	95	517240	56.876	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.760%

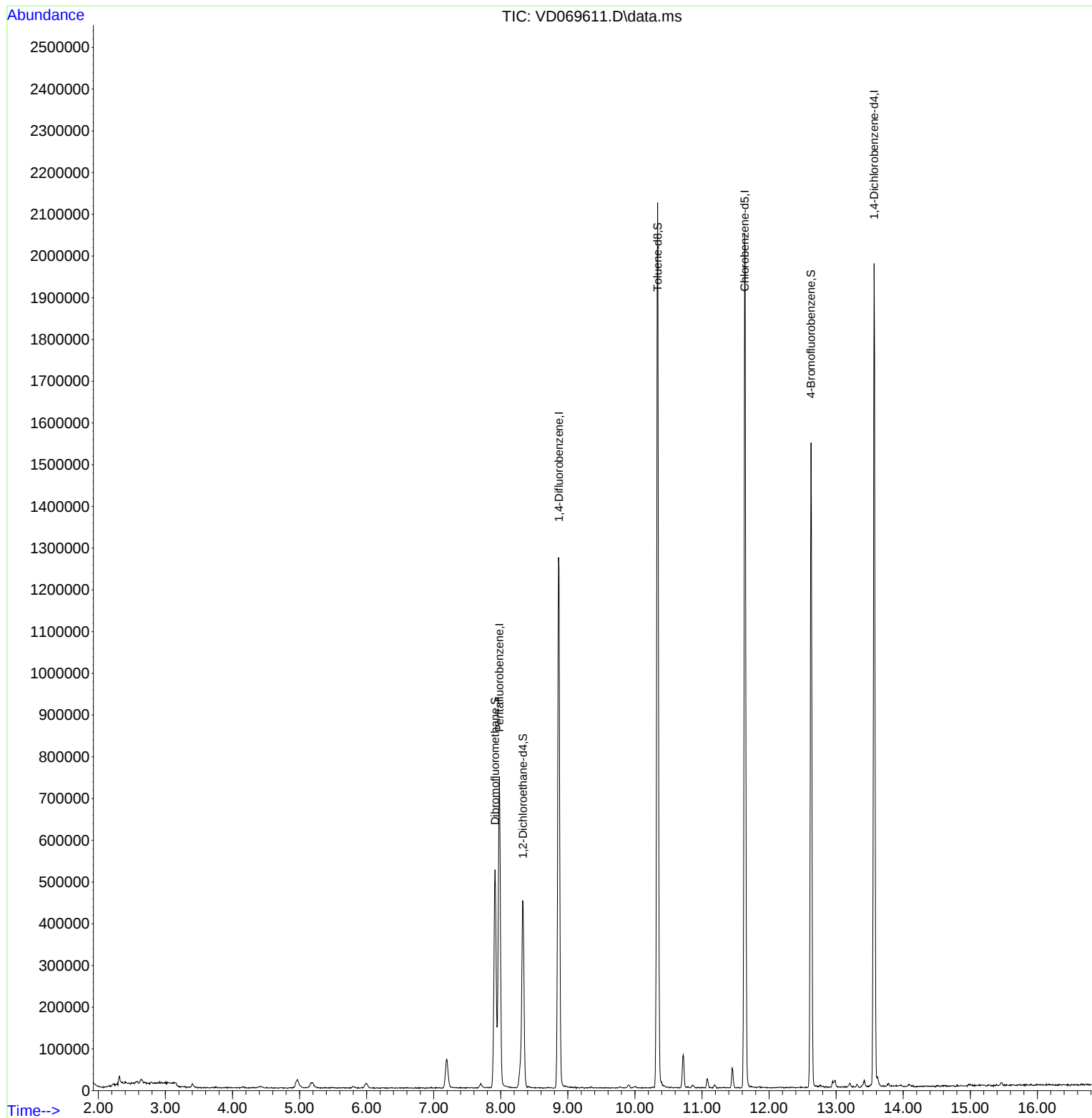
Target Compounds	Qvalue

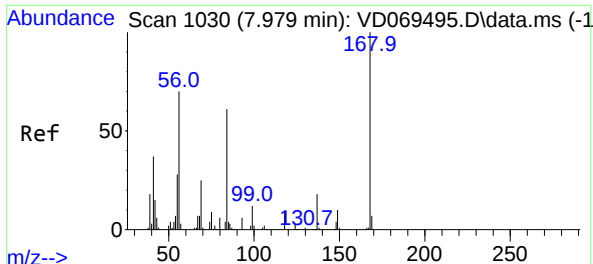
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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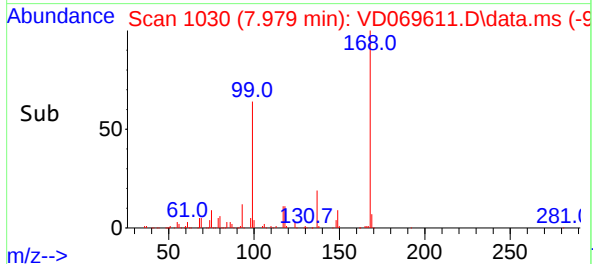
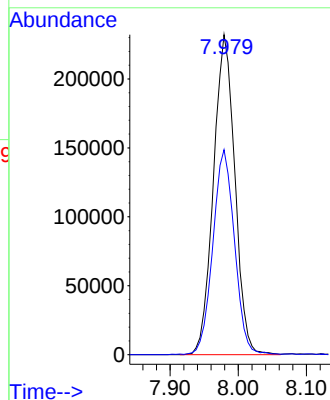
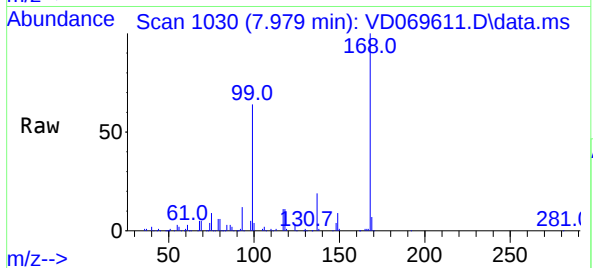




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069611.D
Acq: 07 Jul 2021 16:33

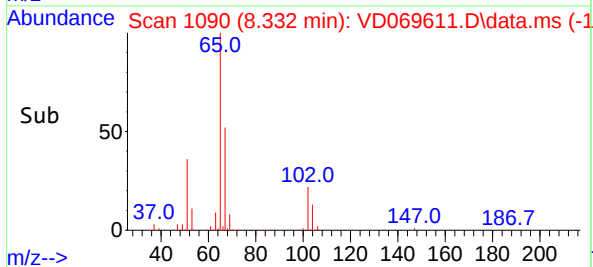
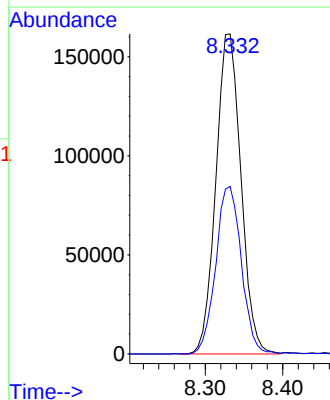
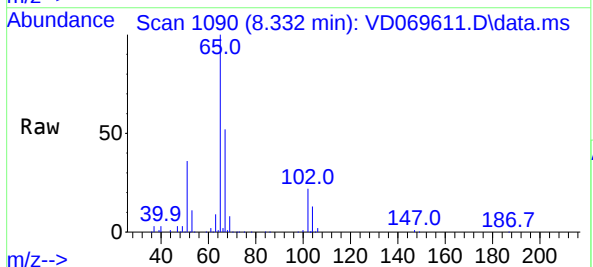
Instrument :
MSVOA_D
ClientSampleId :
VOC

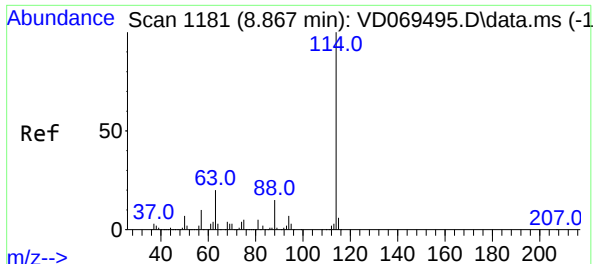
Tgt Ion:168 Resp: 508768
Ion Ratio Lower Upper
168 100
99 63.9 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 57.320 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069611.D
Acq: 07 Jul 2021 16:33

Tgt Ion: 65 Resp: 363504
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.6



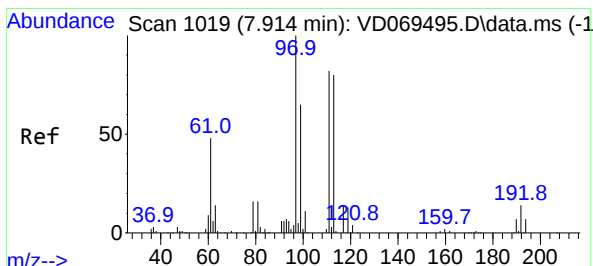
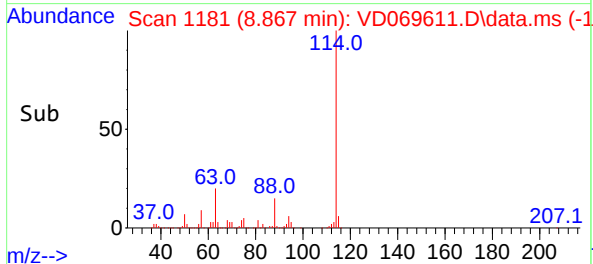
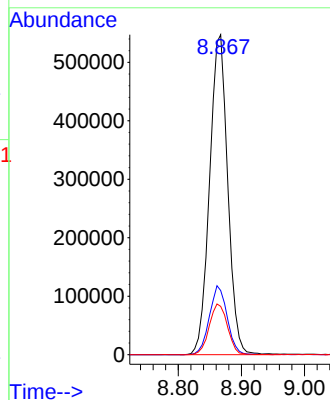
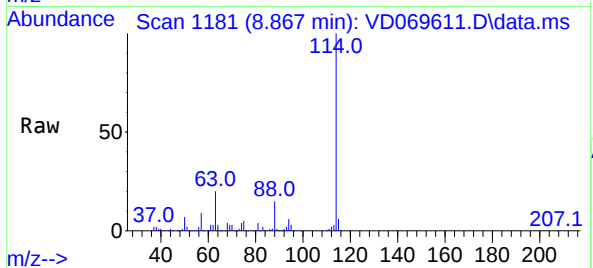


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069611.D
Acq: 07 Jul 2021 16:33

Instrument :
MSVOA_D
ClientSampleId :
VOC

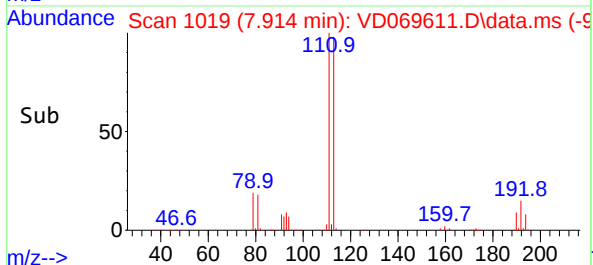
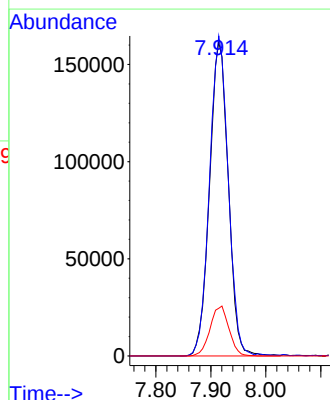
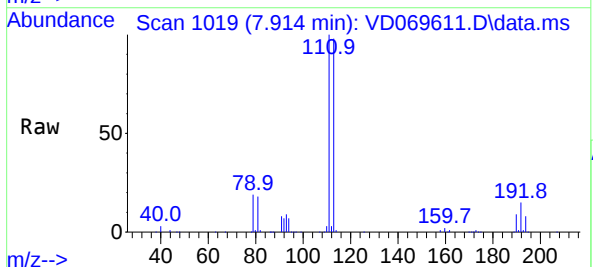
Tgt Ion:114 Resp: 1090986
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 15.1 0.0 29.8

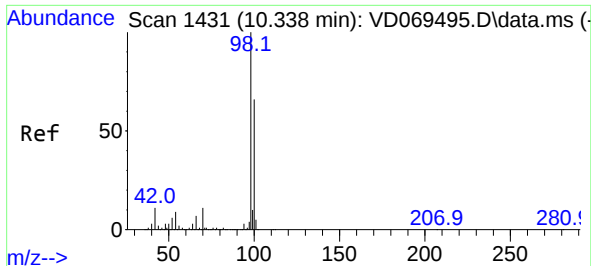


#35

Dibromofluoromethane
Concen: 51.985 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069611.D
Acq: 07 Jul 2021 16:33

Tgt Ion:113 Resp: 383384
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 16.0 13.8 20.6

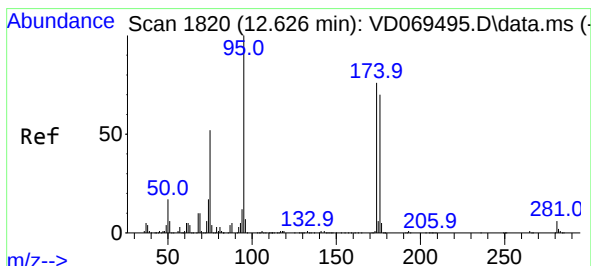
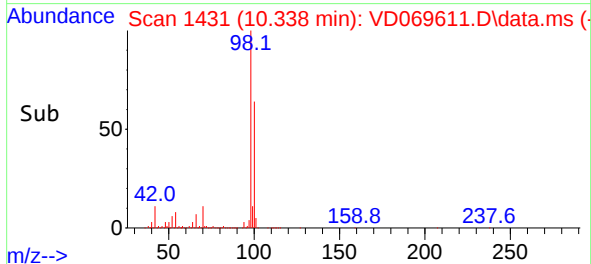
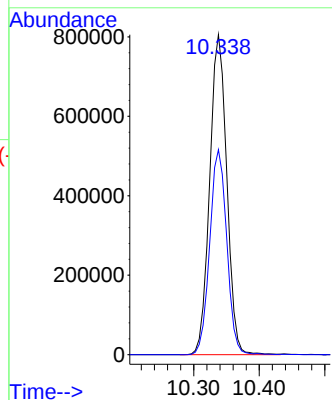
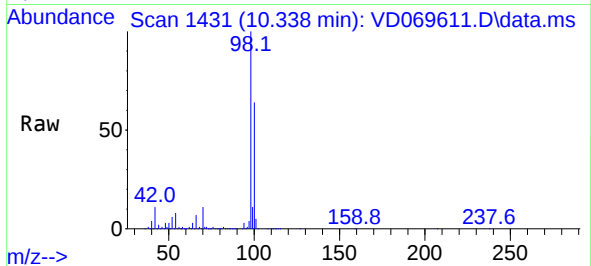




#50
Toluene-d8
Concen: 52.786 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069611.D
Acq: 07 Jul 2021 16:33

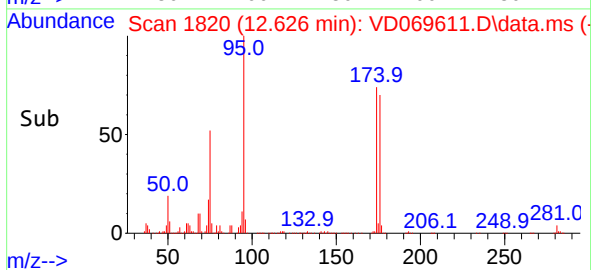
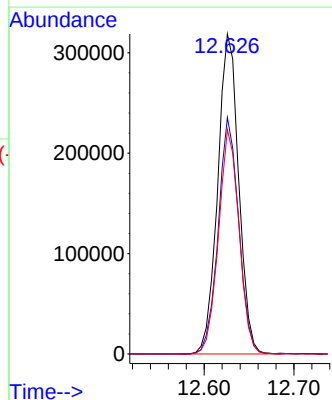
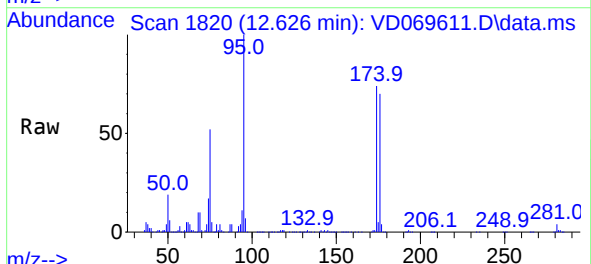
Instrument :
MSVOA_D
ClientSampleId :
VOC

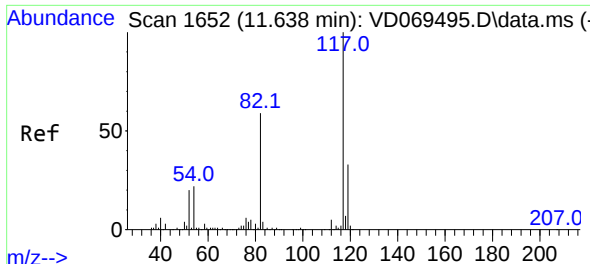
Tgt Ion: 98 Resp: 1460194
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 56.876 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069611.D
Acq: 07 Jul 2021 16:33

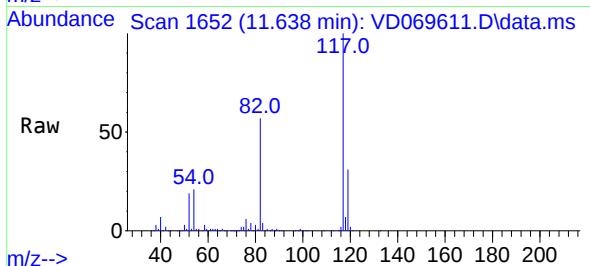
Tgt Ion: 95 Resp: 517240
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.0
176 68.4 0.0 139.8





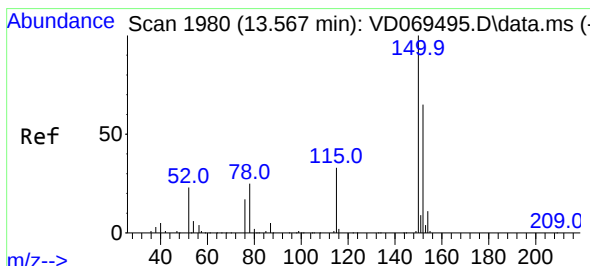
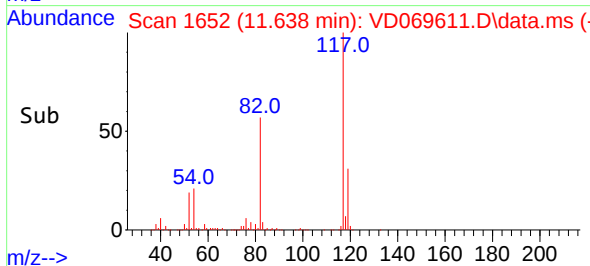
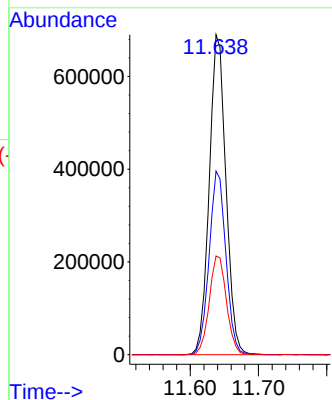
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069611.D
Acq: 07 Jul 2021 16:33

Instrument :
MSVOA_D
ClientSampleId :
VOC

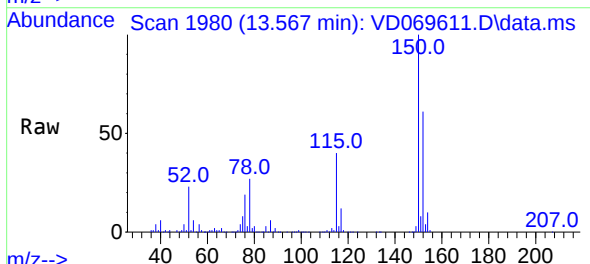


Tgt Ion:117 Resp: 1174552

Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.8	70.2
119	30.9	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: VD069611.D
Acq: 07 Jul 2021 16:33



Tgt Ion:152 Resp: 503288

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.7	95.1
150	157.7	0.0	350.8

