

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069631.D
 Acq On : 08 Jul 2021 16:07
 Operator : VA/SY
 Sample : M2969-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01

Quant Time: Jul 09 01:03:50 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	591633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1143799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1247530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	543793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	369870	50.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.300%
35) Dibromofluoromethane	7.914	113	385814	49.899	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.338	98	1502982	51.824	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.626	95	559282	58.659	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.320%

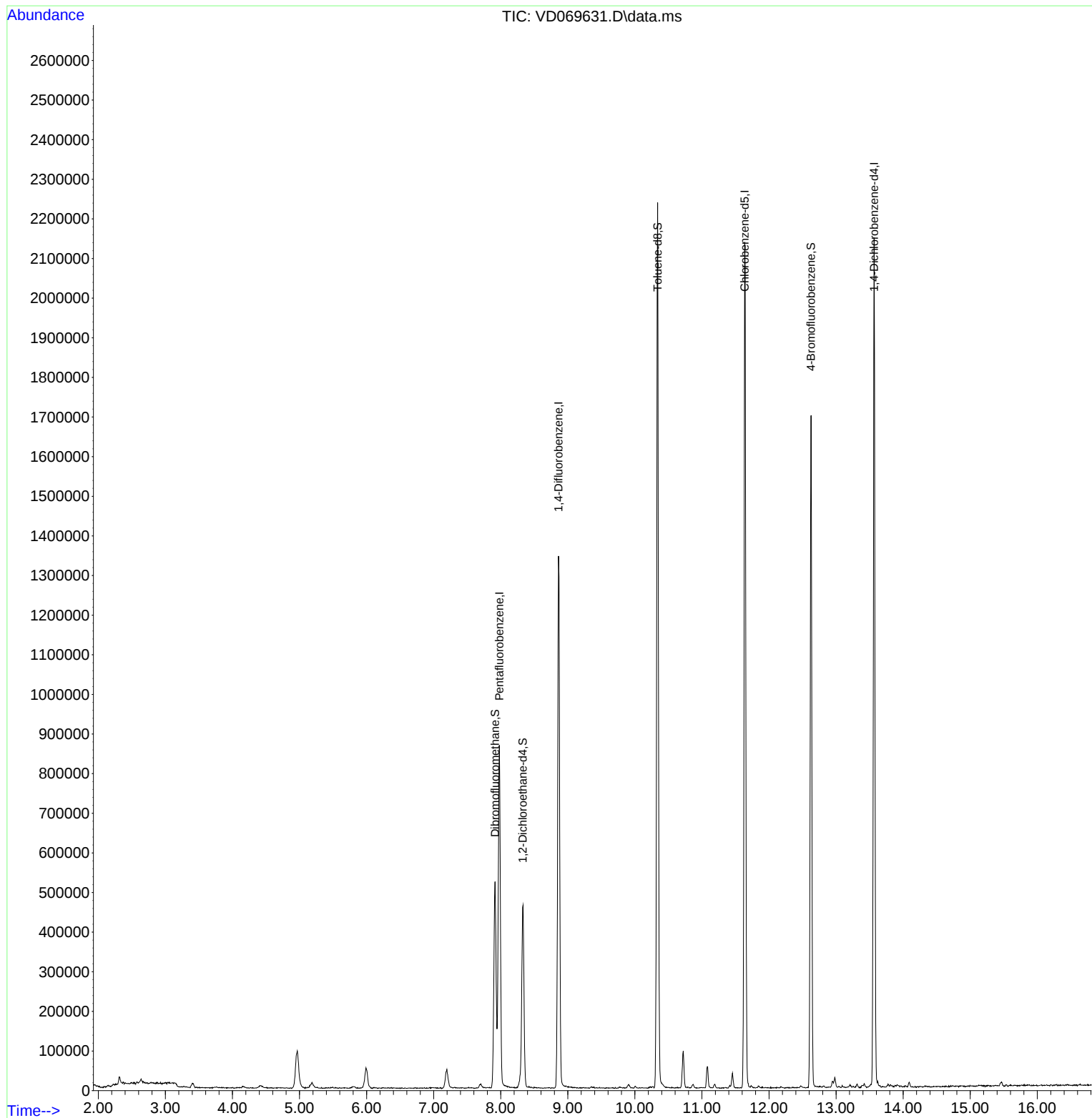
Target Compounds	Qvalue

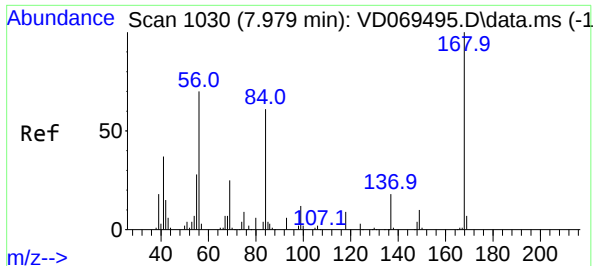
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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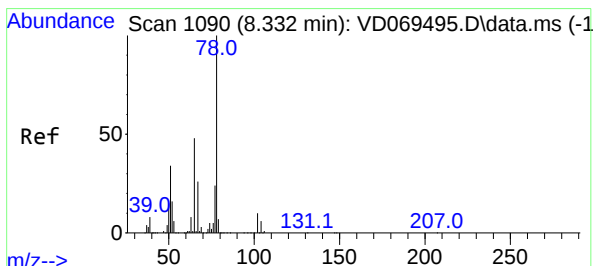
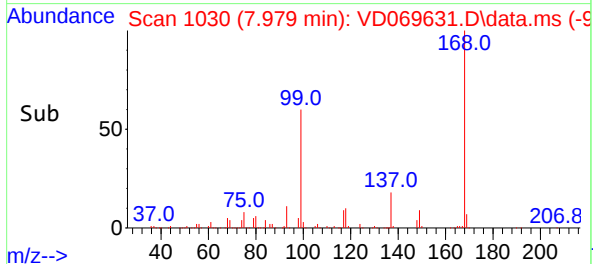
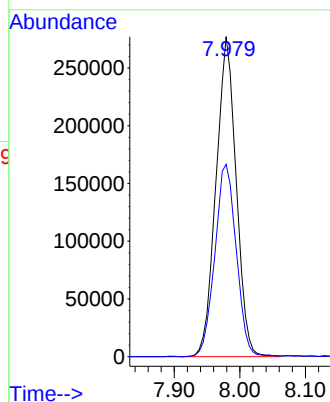
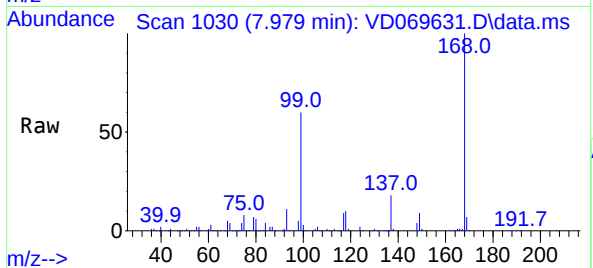




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD069631.D
 Acq: 08 Jul 2021 16:07

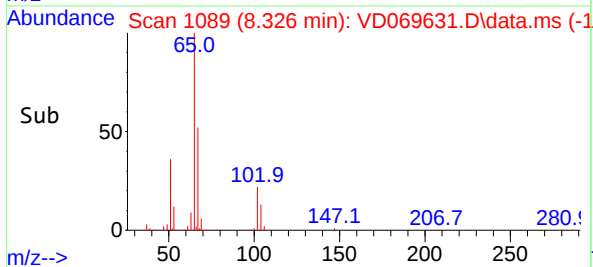
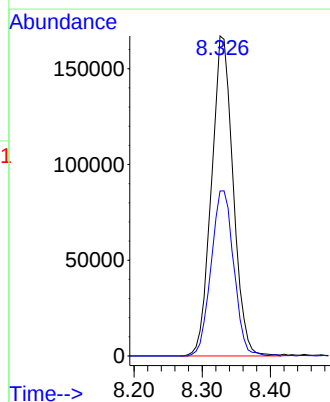
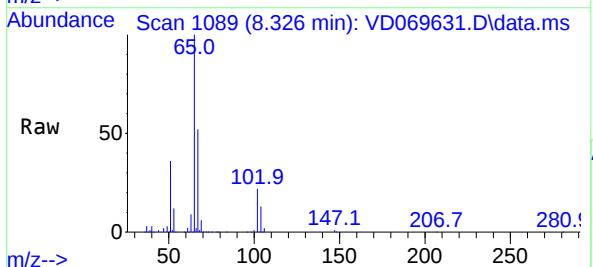
Instrument :
 MSVOA_D
 ClientSampleId :
 SB01

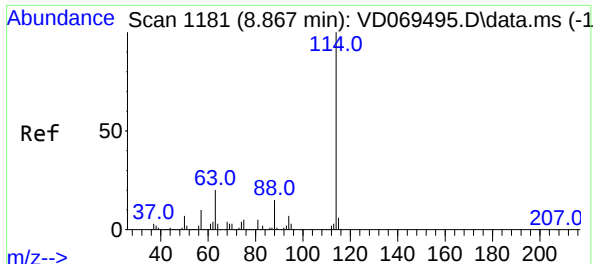
Tgt Ion:168 Resp: 591633
 Ion Ratio Lower Upper
 168 100
 99 60.1 49.3 73.9



1,2-Dichloroethane-d4
 Concen: 50.155 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD069631.D
 Acq: 08 Jul 2021 16:07

Tgt Ion: 65 Resp: 369870
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.6



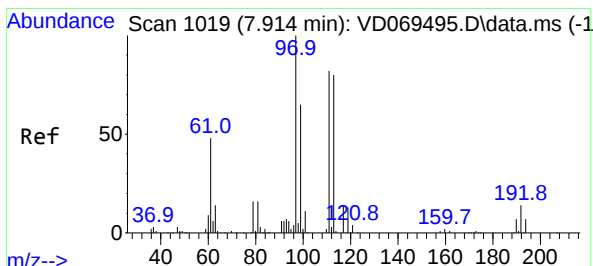
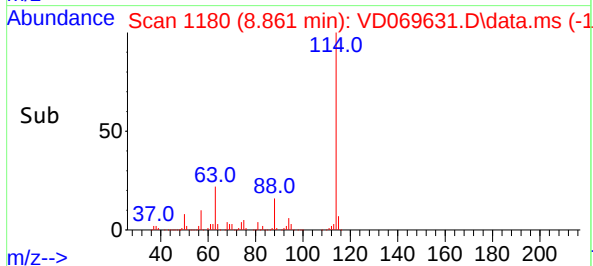
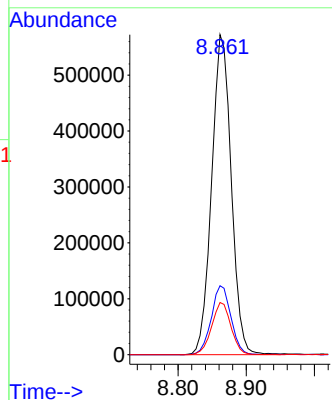
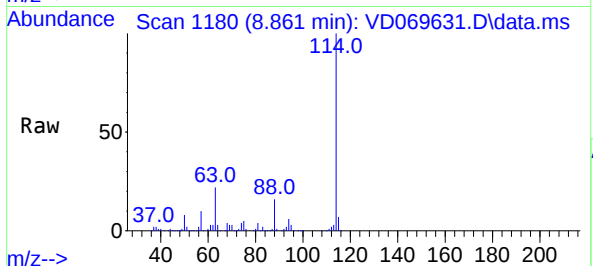


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069631.D
Acq: 08 Jul 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
SB01

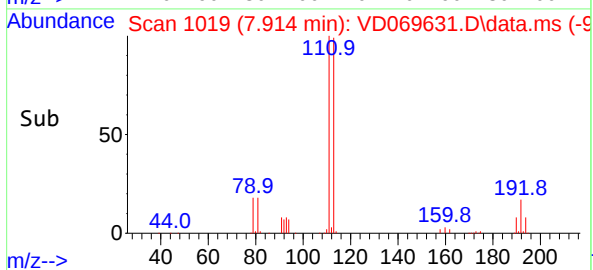
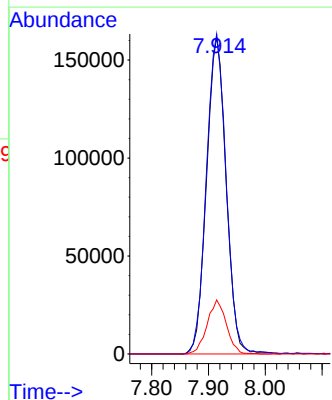
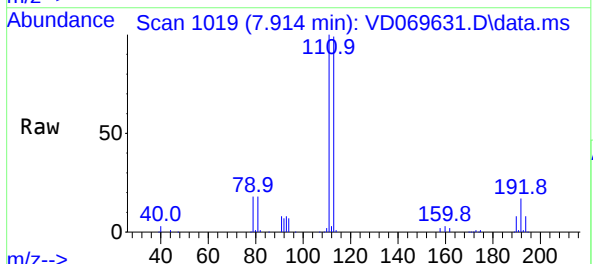
Tgt Ion:114 Resp: 1143799
Ion Ratio Lower Upper
114 100
63 21.6 0.0 39.6
88 16.3 0.0 29.8

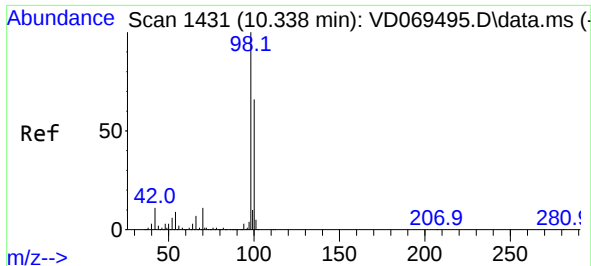


#35

Dibromofluoromethane
Concen: 49.899 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069631.D
Acq: 08 Jul 2021 16:07

Tgt Ion:113 Resp: 385814
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 16.8 13.8 20.6

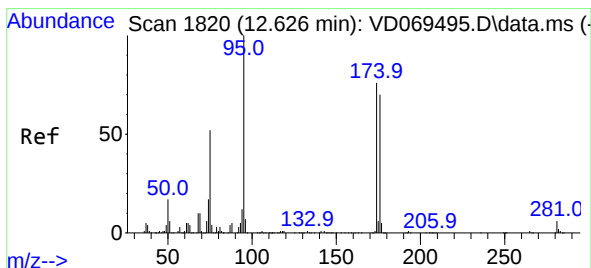
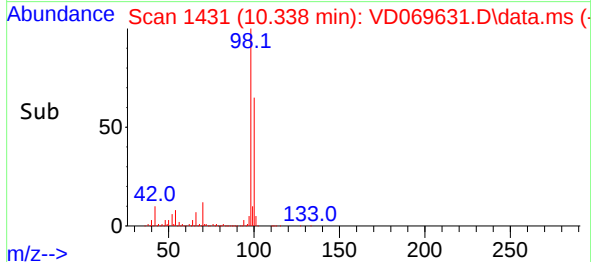
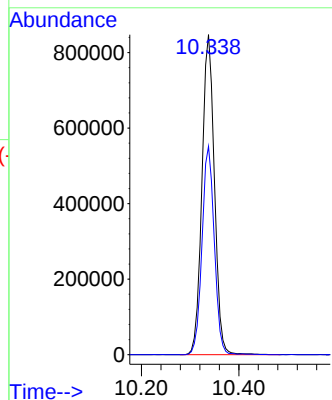
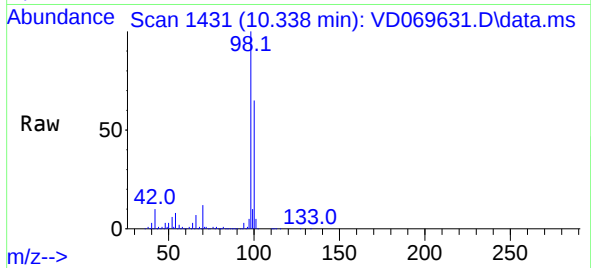




#50
Toluene-d8
Concen: 51.824 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069631.D
Acq: 08 Jul 2021 16:07

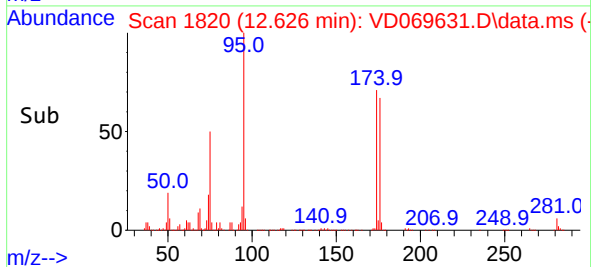
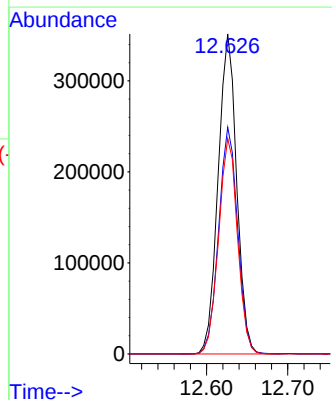
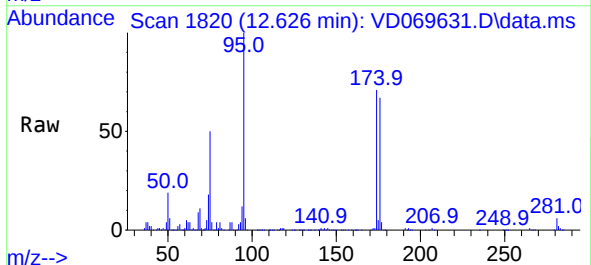
Instrument :
MSVOA_D
ClientSampleId :
SB01

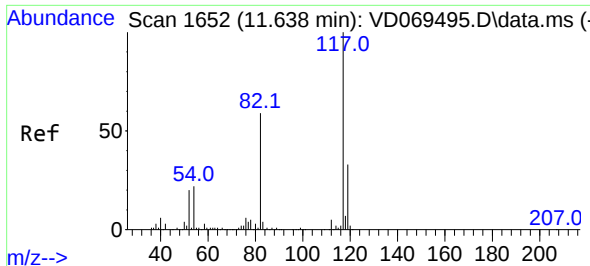
Tgt Ion: 98 Resp: 1502982
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 58.659 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069631.D
Acq: 08 Jul 2021 16:07

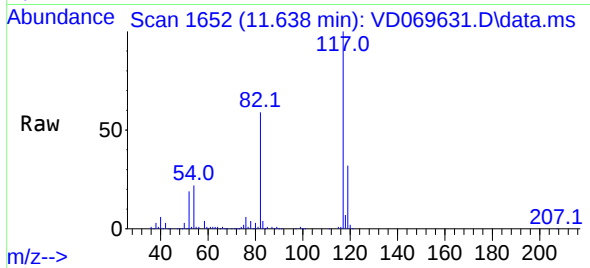
Tgt Ion: 95 Resp: 559282
Ion Ratio Lower Upper
95 100
174 72.5 0.0 148.0
176 68.4 0.0 139.8



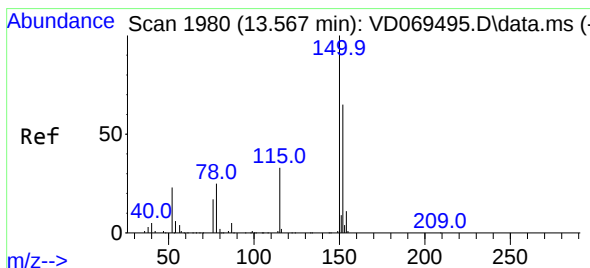
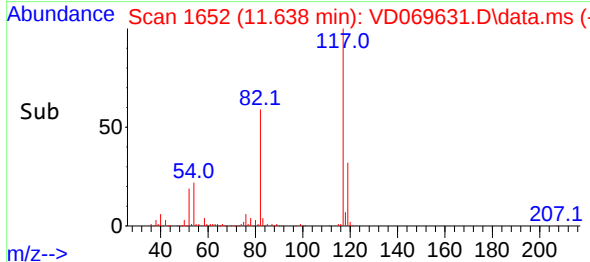
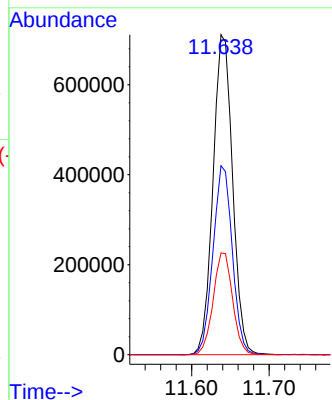


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069631.D
Acq: 08 Jul 2021 16:07

Instrument :
MSVOA_D
ClientSampleId :
SB01



Tgt Ion:117 Resp: 1247530
Ion Ratio Lower Upper
117 100
82 59.0 46.8 70.2
119 31.8 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: VD069631.D
Acq: 08 Jul 2021 16:07

Tgt Ion:152 Resp: 543793
Ion Ratio Lower Upper
152 100
115 61.8 31.7 95.1
150 157.4 0.0 350.8

