

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069635.D
 Acq On : 08 Jul 2021 18:00
 Operator : VA/SY
 Sample : M2969-07
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB04

Quant Time: Jul 09 01:04:59 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	596363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1176532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1301636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	587457	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	376151	50.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.200%
35) Dibromofluoromethane	7.914	113	375593	47.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.338	98	1541574	51.676	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.626	95	601206	61.302	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.600%

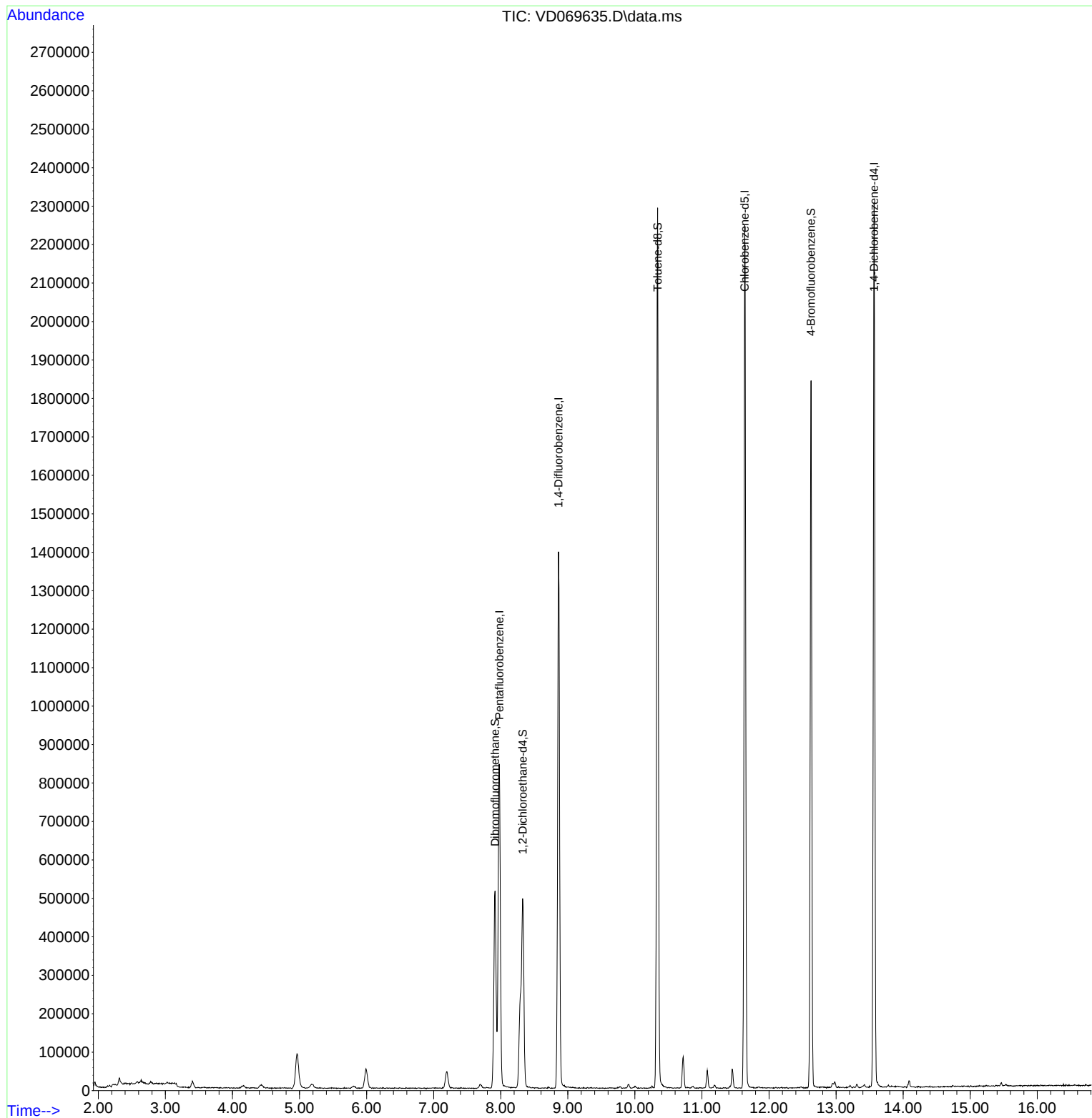
Target Compounds	Qvalue

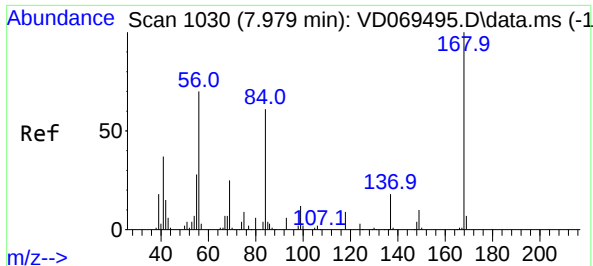
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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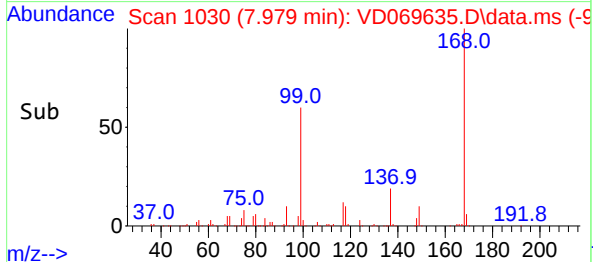
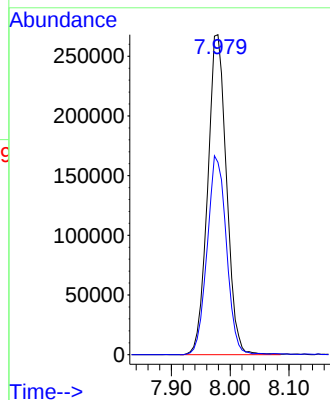
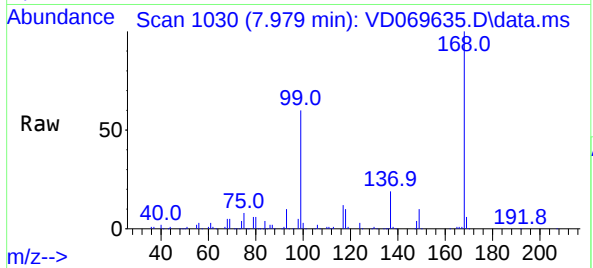




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069635.D
Acq: 08 Jul 2021 18:00

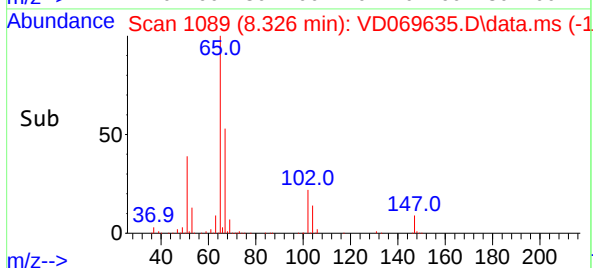
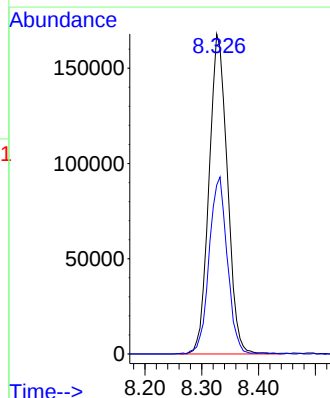
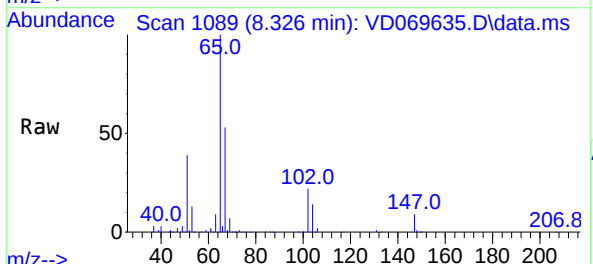
Instrument :
MSVOA_D
ClientSampleId :
SB04

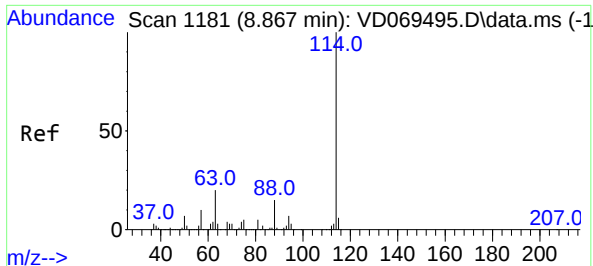
Tgt Ion:168 Resp: 596363
Ion Ratio Lower Upper
168 100
99 60.1 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 50.602 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069635.D
Acq: 08 Jul 2021 18:00

Tgt Ion: 65 Resp: 376151
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.6





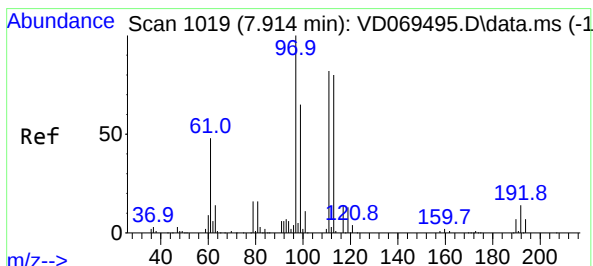
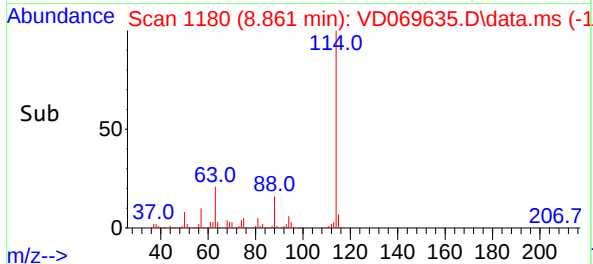
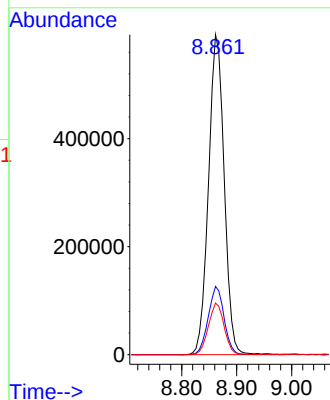
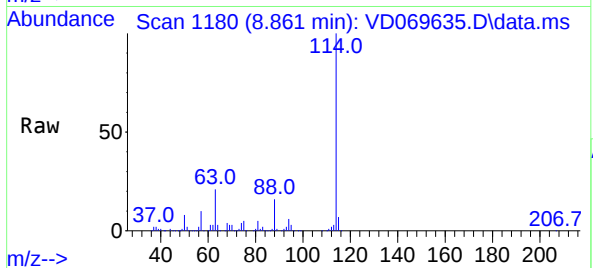
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069635.D
Acq: 08 Jul 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
SB04

Tgt Ion:114 Resp: 1176532

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.6
88	16.1	0.0	29.8

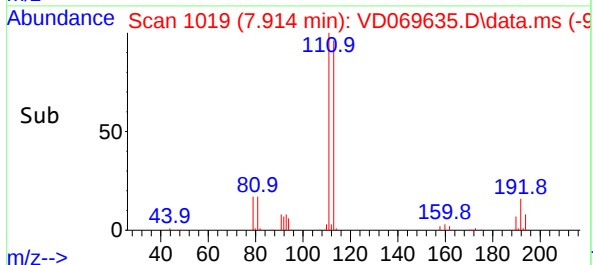
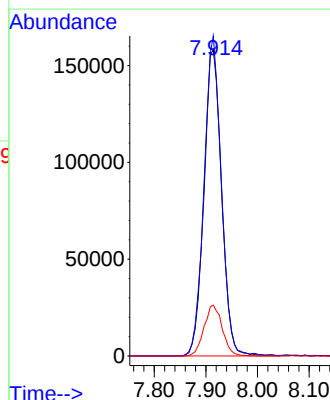
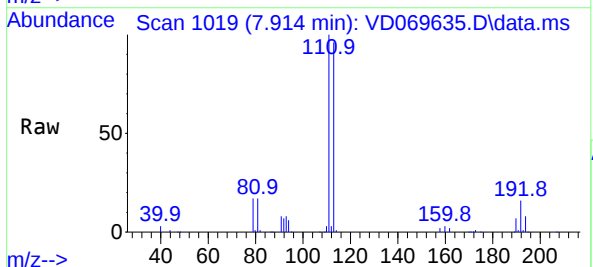


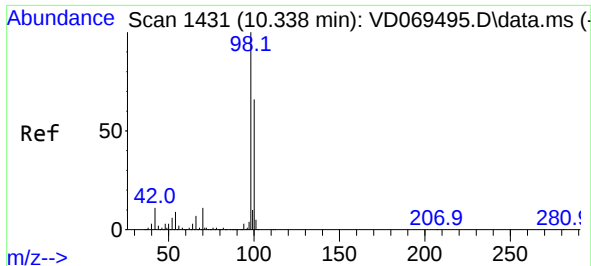
#35

Dibromofluoromethane
Concen: 47.226 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069635.D
Acq: 08 Jul 2021 18:00

Tgt Ion:113 Resp: 375593

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	17.1	13.8	20.6

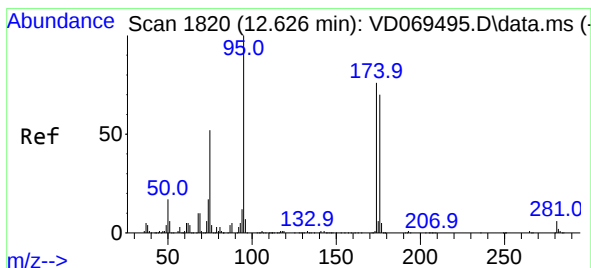
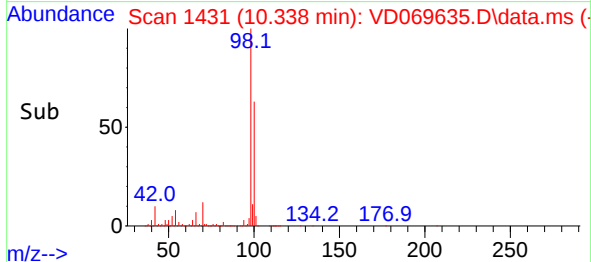
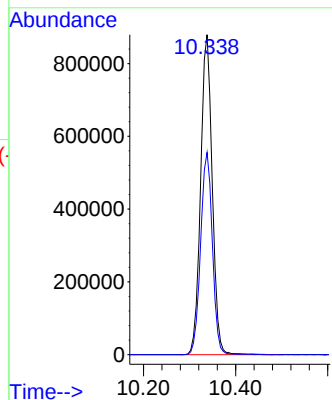
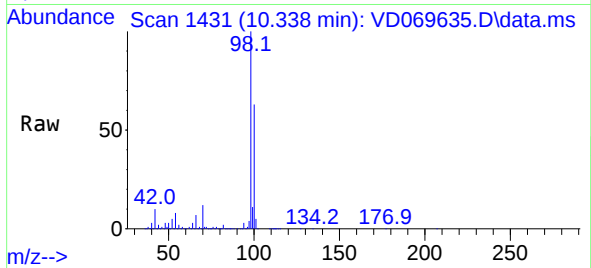




#50
Toluene-d8
Concen: 51.676 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069635.D
Acq: 08 Jul 2021 18:00

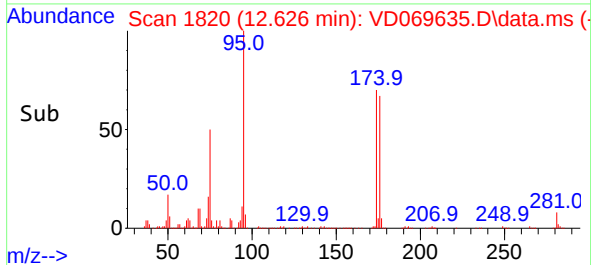
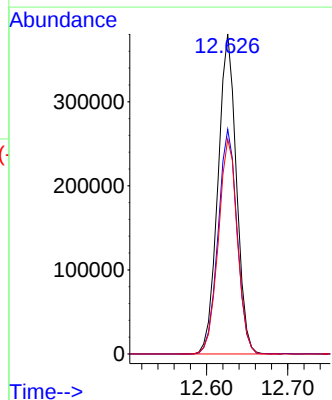
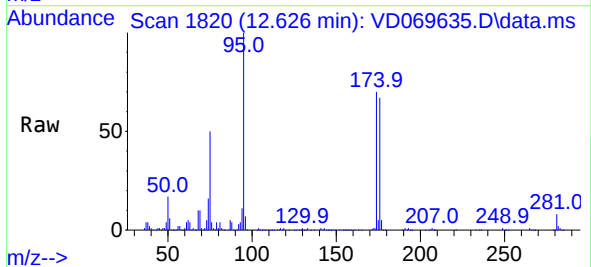
Instrument :
MSVOA_D
ClientSampleId :
SB04

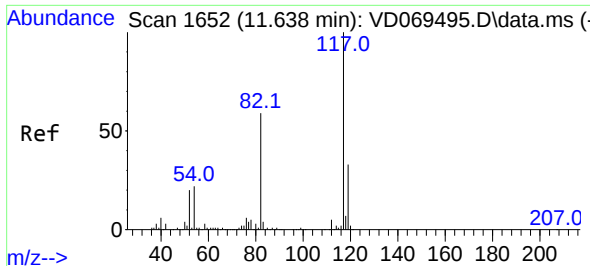
Tgt Ion: 98 Resp: 1541574
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 61.302 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069635.D
Acq: 08 Jul 2021 18:00

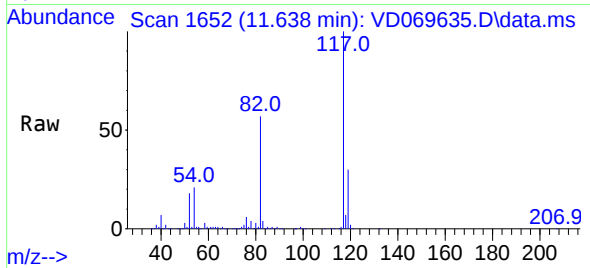
Tgt Ion: 95 Resp: 601206
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.0
176 68.9 0.0 139.8



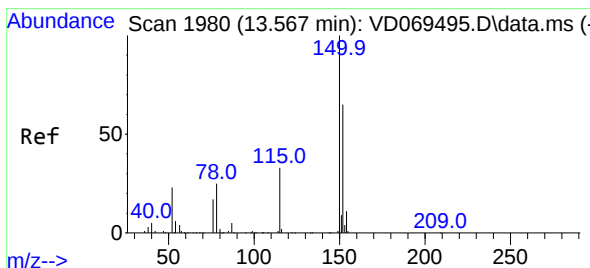
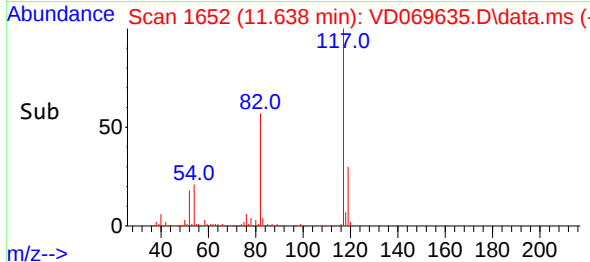
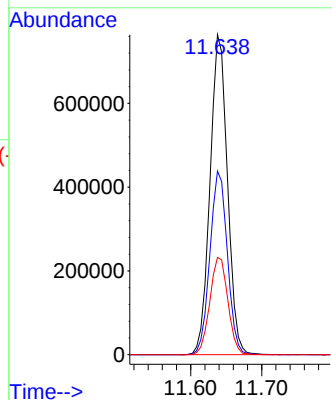


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069635.D
Acq: 08 Jul 2021 18:00

Instrument :
MSVOA_D
ClientSampleId :
SB04



Tgt Ion:117 Resp: 1301636
Ion Ratio Lower Upper
117 100
82 57.4 46.8 70.2
119 30.4 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: VD069635.D
Acq: 08 Jul 2021 18:00

Tgt Ion:152 Resp: 587457
Ion Ratio Lower Upper
152 100
115 62.0 31.7 95.1
150 158.6 0.0 350.8

