

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069636.D
 Acq On : 08 Jul 2021 18:29
 Operator : VA/SY
 Sample : M2969-11
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB06

Quant Time: Jul 09 01:05:17 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	558204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1087470	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	1197386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	536689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	348235	50.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.100%
35) Dibromofluoromethane	7.914	113	350477	47.677	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.360%
50) Toluene-d8	10.338	98	1434867	52.038	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.626	95	548816	60.543	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.080%

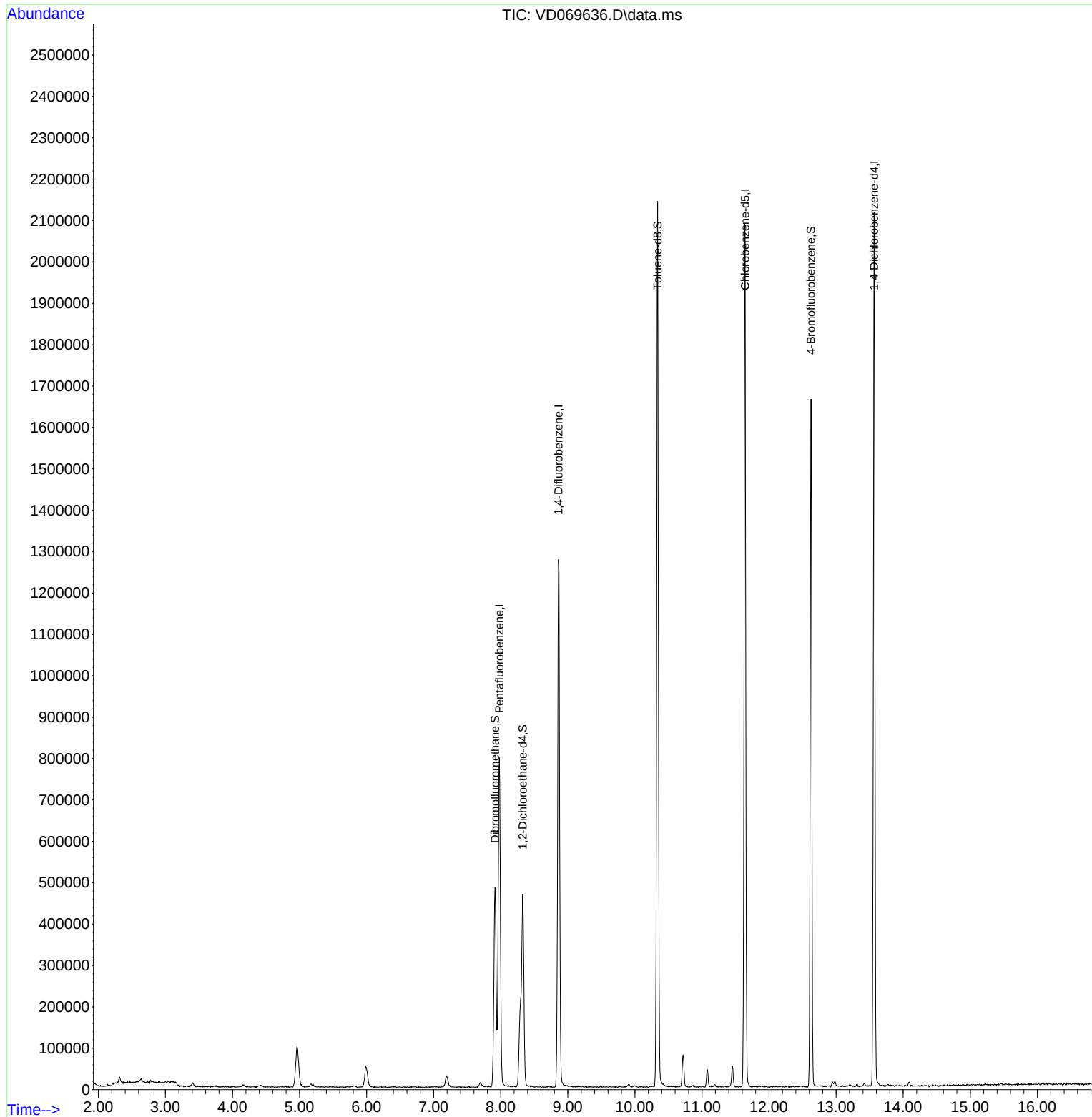
Target Compounds	Qvalue

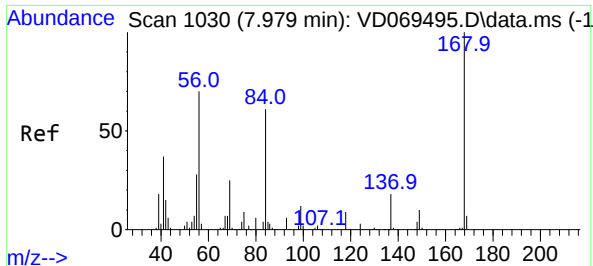
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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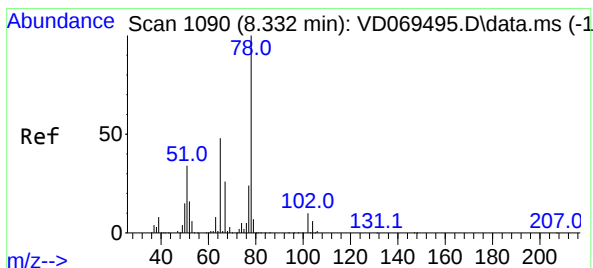
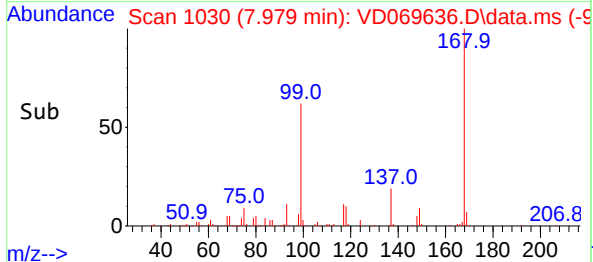
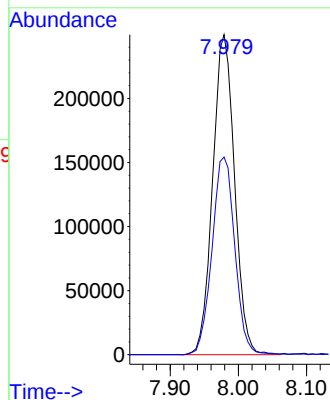
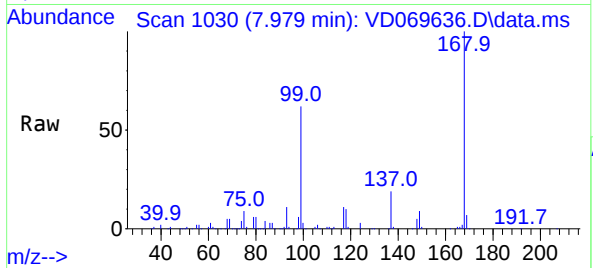




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.000 min
 Lab File: VD069636.D
 Acq: 08 Jul 2021 18:29

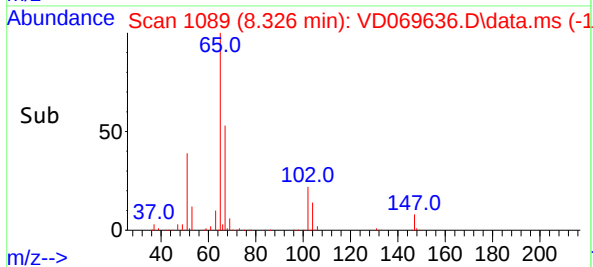
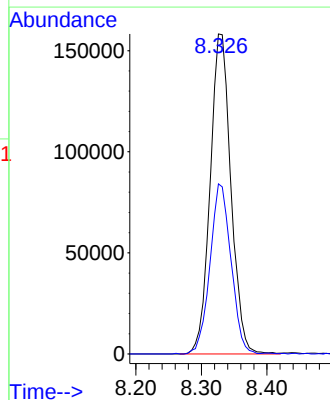
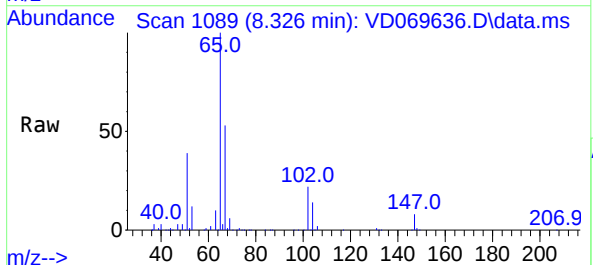
Instrument :
 MSVOA_D
 ClientSampled :
 SB06

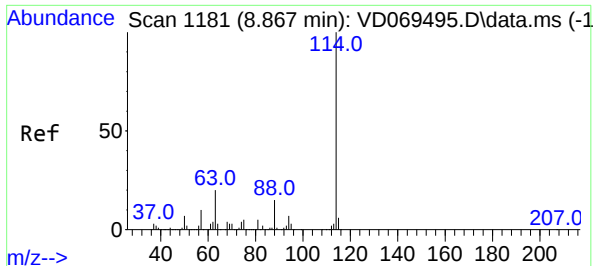
Tgt Ion:168 Resp: 558204
 Ion Ratio Lower Upper
 168 100
 99 61.8 49.3 73.9



1,2-Dichloroethane-d4
 Concen: 50.049 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD069636.D
 Acq: 08 Jul 2021 18:29

Tgt Ion: 65 Resp: 348235
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



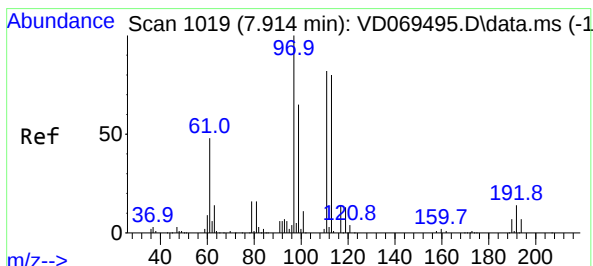
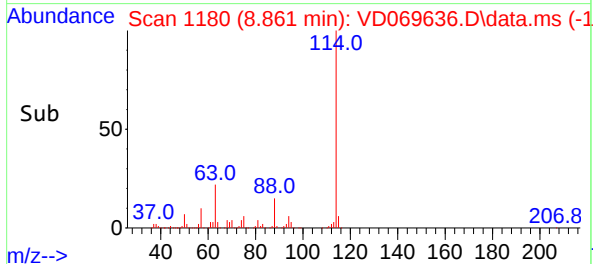
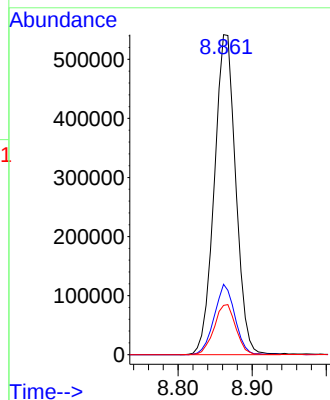
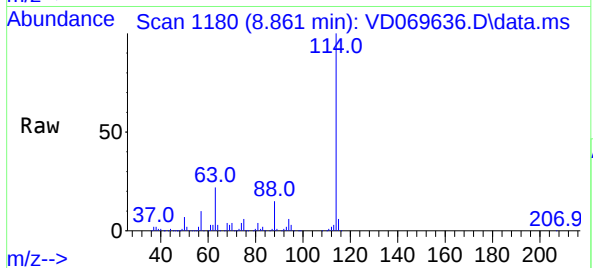


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069636.D
Acq: 08 Jul 2021 18:29

Instrument :
MSVOA_D
ClientSampleId :
SB06

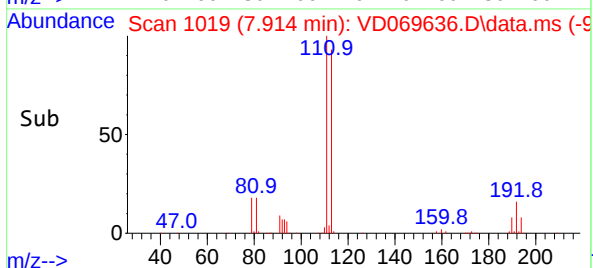
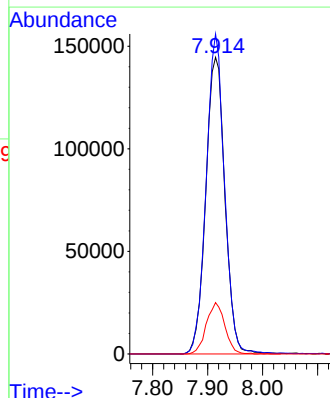
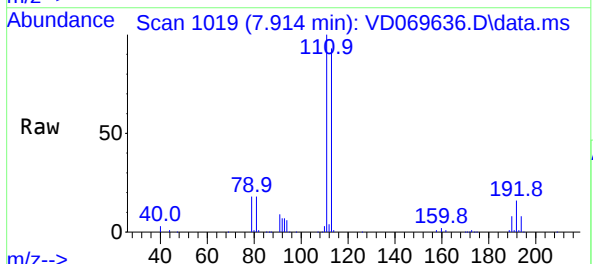
Tgt Ion:114 Resp: 1087470
Ion Ratio Lower Upper
114 100
63 22.0 0.0 39.6
88 15.4 0.0 29.8

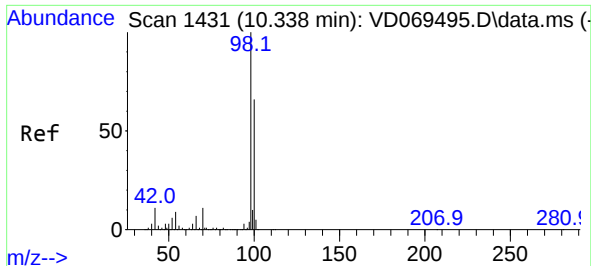


#35

Dibromofluoromethane
Concen: 47.677 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069636.D
Acq: 08 Jul 2021 18:29

Tgt Ion:113 Resp: 350477
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 16.7 13.8 20.6

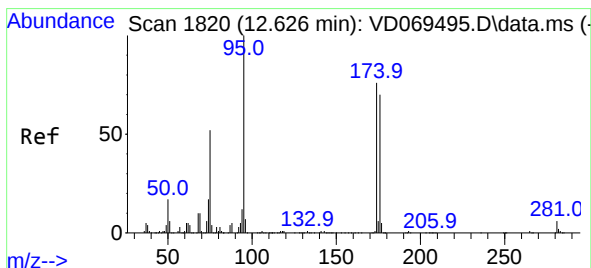
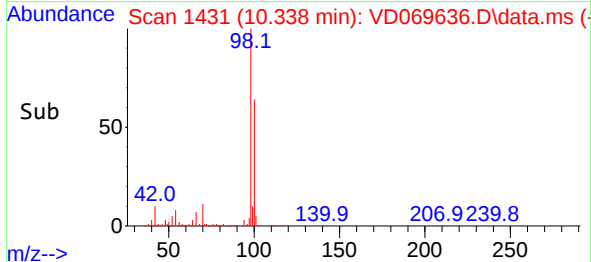
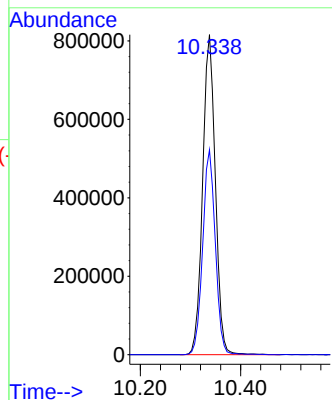
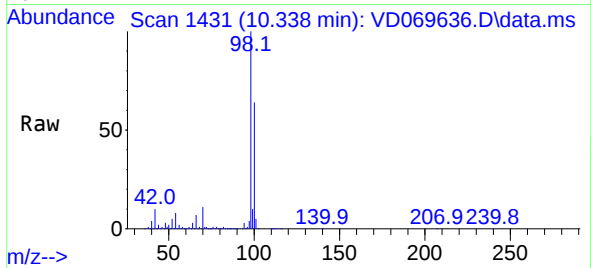




#50
Toluene-d8
Concen: 52.038 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069636.D
Acq: 08 Jul 2021 18:29

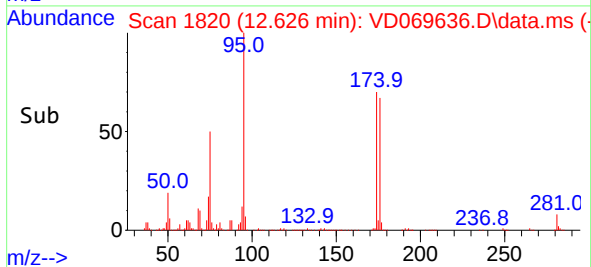
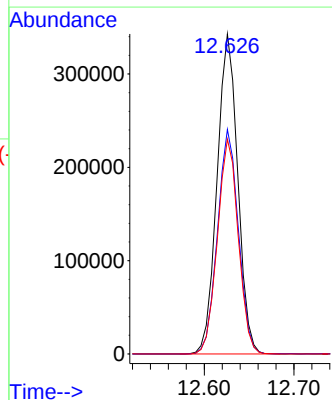
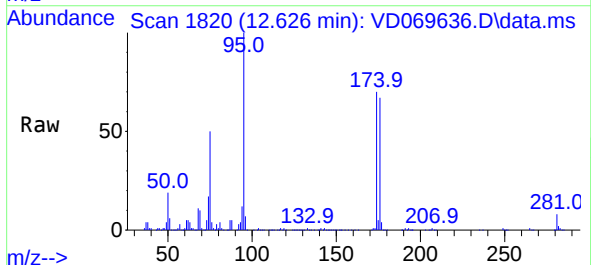
Instrument :
MSVOA_D
ClientSampleId :
SB06

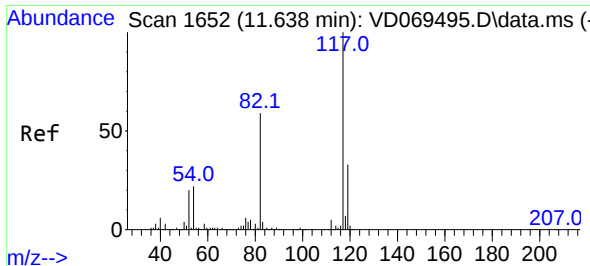
Tgt Ion: 98 Resp: 1434867
Ion Ratio Lower Upper
98 100
100 63.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 60.543 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069636.D
Acq: 08 Jul 2021 18:29

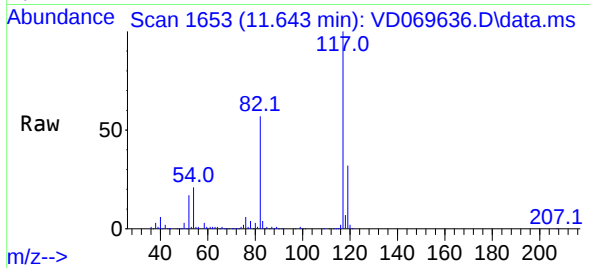
Tgt Ion: 95 Resp: 548816
Ion Ratio Lower Upper
95 100
174 70.8 0.0 148.0
176 67.5 0.0 139.8





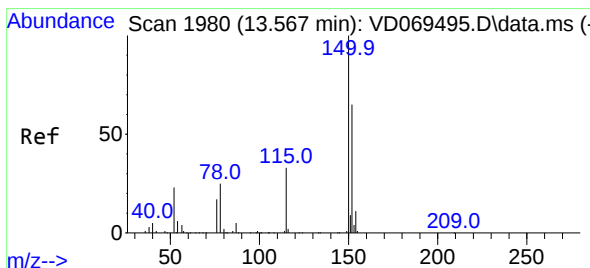
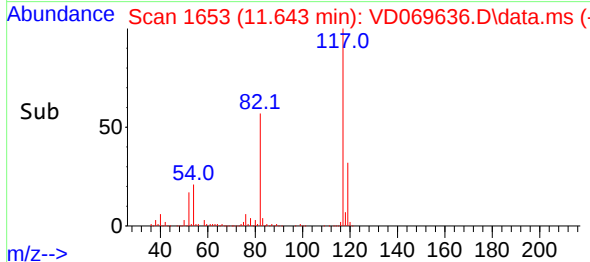
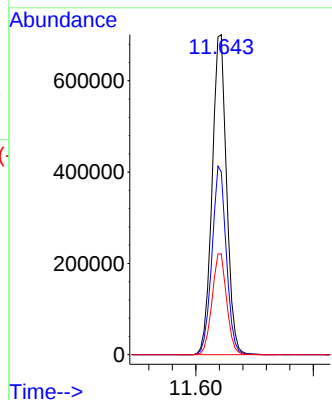
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069636.D
Acq: 08 Jul 2021 18:29

Instrument :
MSVOA_D
ClientSampled :
SB06



Tgt Ion:117 Resp: 1197386

Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.8	70.2
119	31.5	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: VD069636.D
Acq: 08 Jul 2021 18:29

Tgt Ion:152 Resp: 536689

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.7	95.1
150	156.7	0.0	350.8

