

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069638.D
 Acq On : 08 Jul 2021 19:26
 Operator : VA/SY
 Sample : M2969-15
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB08

Quant Time: Jul 09 01:05:50 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	563333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	1090067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1182677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	531291	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	348660	49.654	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.300%
35) Dibromofluoromethane	7.914	113	350934	47.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.260%
50) Toluene-d8	10.338	98	1423803	51.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.626	95	538427	59.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.520%

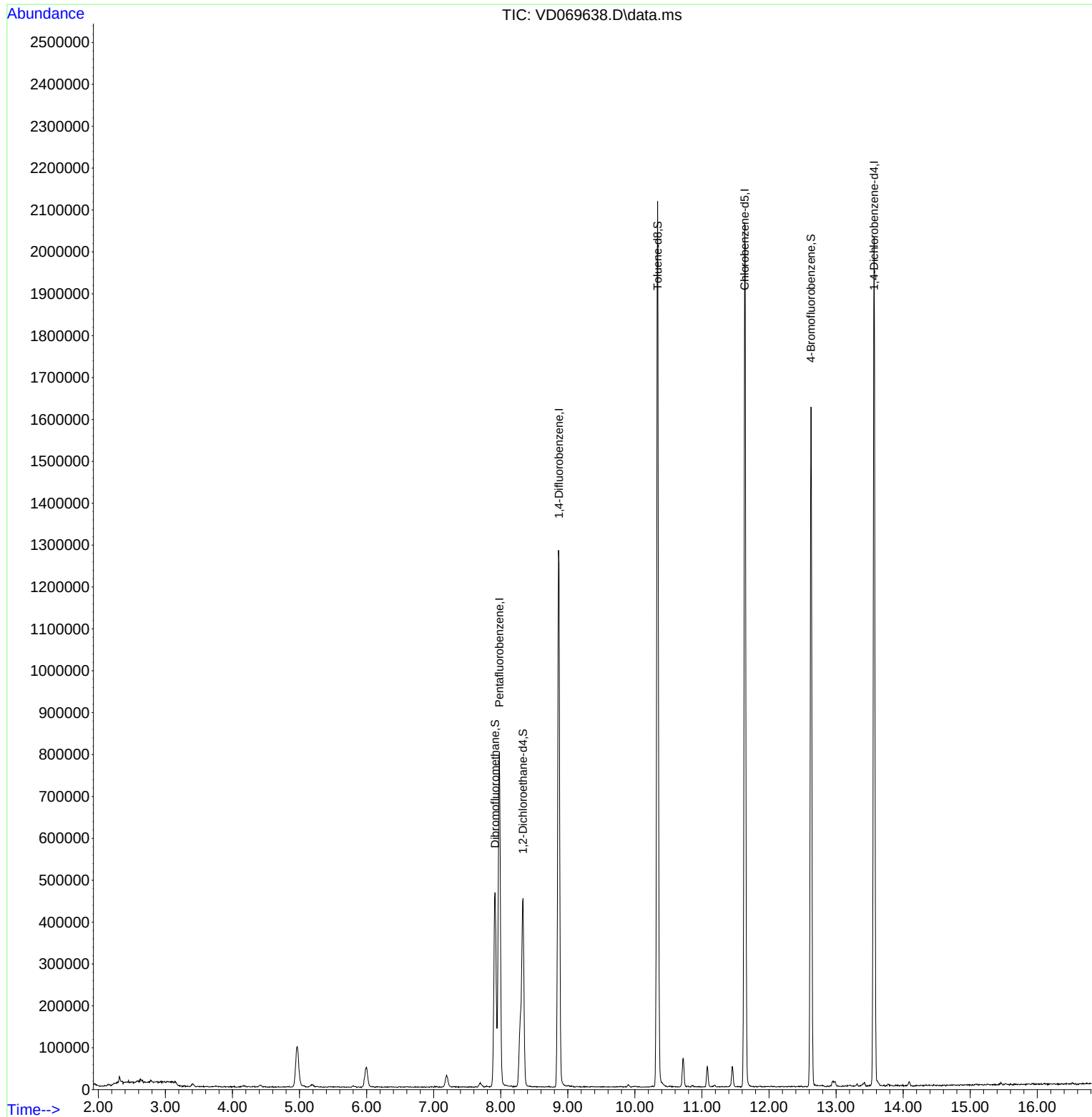
Target Compounds	Qvalue

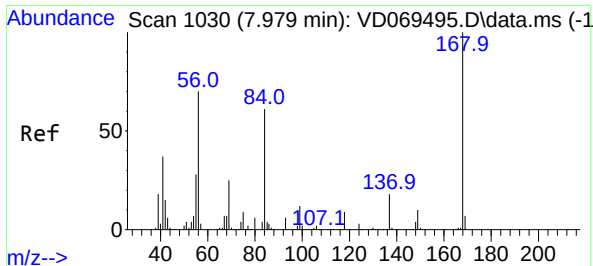
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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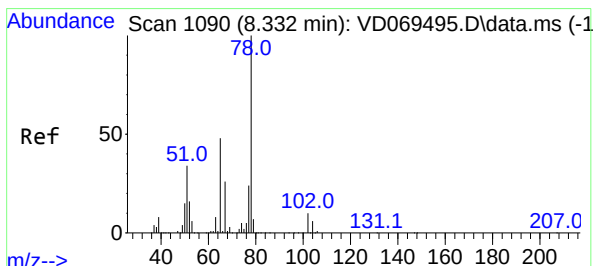
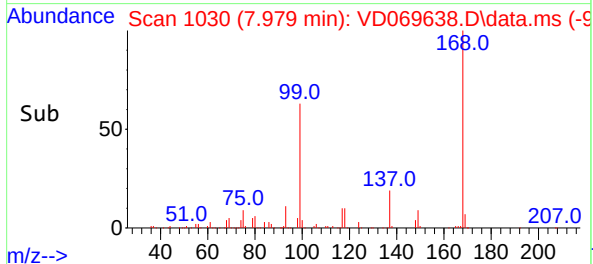
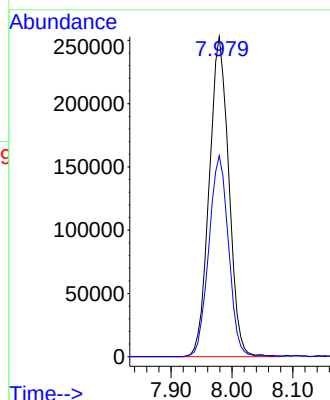
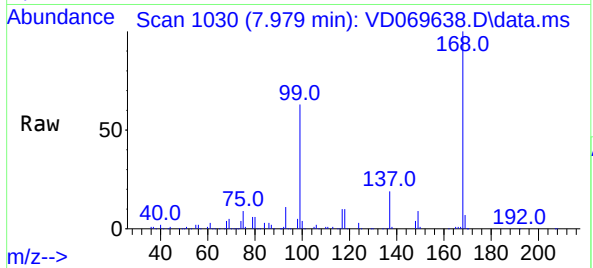




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069638.D
Acq: 08 Jul 2021 19:26

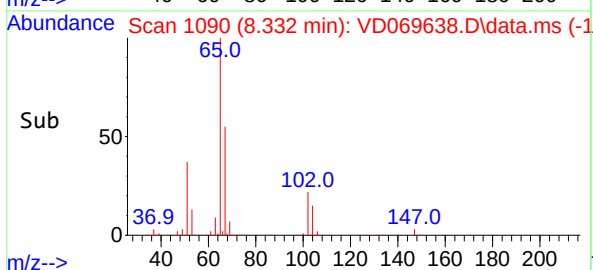
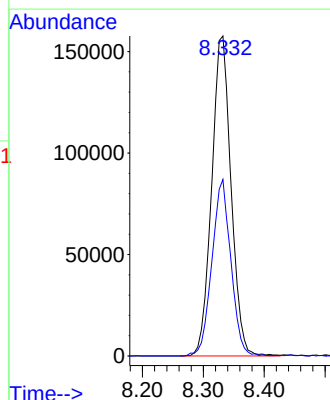
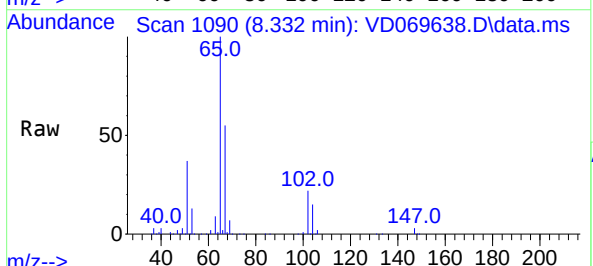
Instrument :
MSVOA_D
ClientSampleId :
SB08

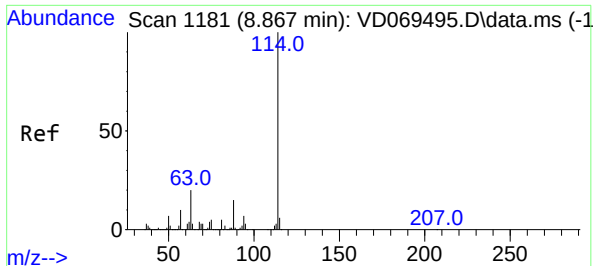
Tgt Ion:168 Resp: 563333
Ion Ratio Lower Upper
168 100
99 62.8 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 49.654 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069638.D
Acq: 08 Jul 2021 19:26

Tgt Ion: 65 Resp: 348660
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.6

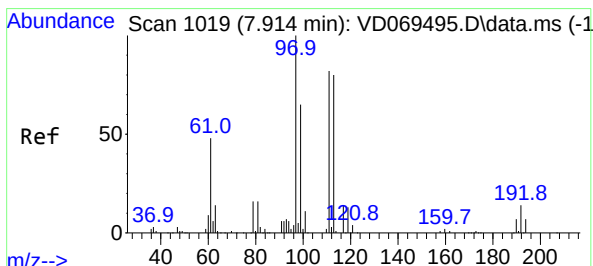
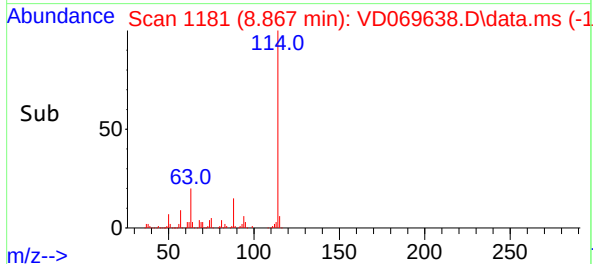
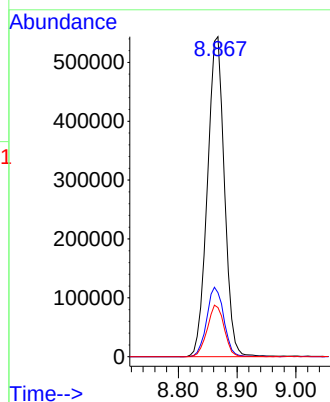
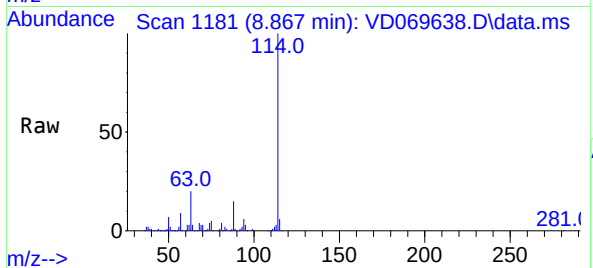




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069638.D
Acq: 08 Jul 2021 19:26

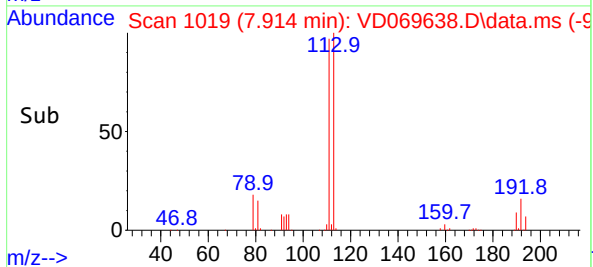
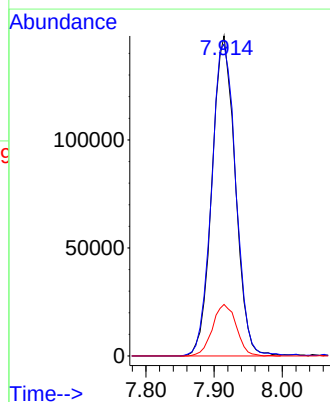
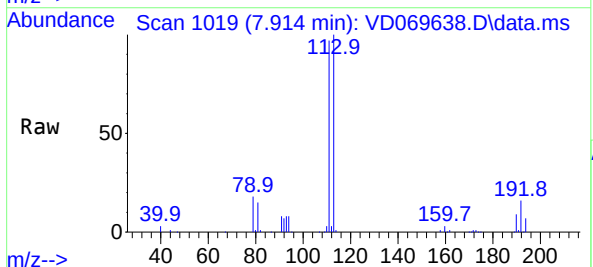
Instrument :
MSVOA_D
ClientSampleId :
SB08

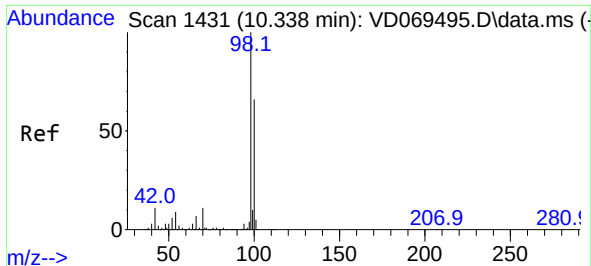
Tgt Ion:114 Resp: 1090067
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.6
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 47.625 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069638.D
Acq: 08 Jul 2021 19:26

Tgt Ion:113 Resp: 350934
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 16.5 13.8 20.6

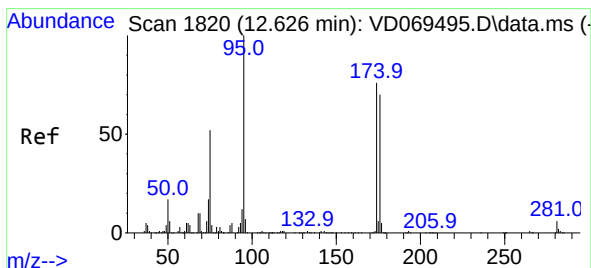
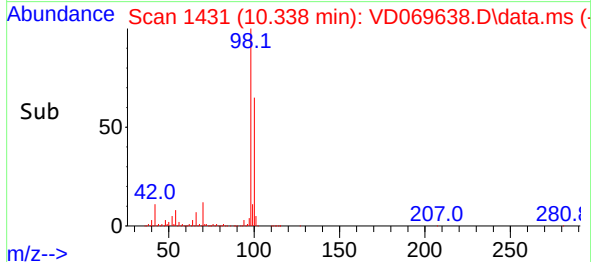
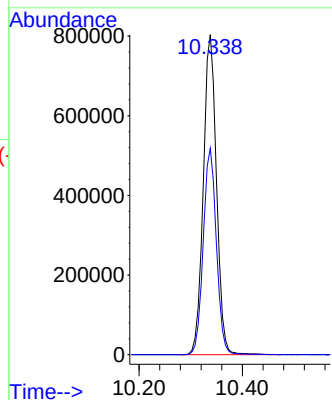
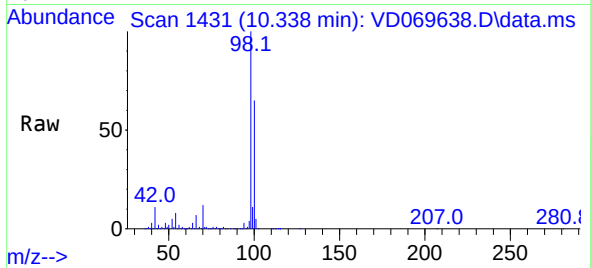




#50
Toluene-d8
Concen: 51.514 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069638.D
Acq: 08 Jul 2021 19:26

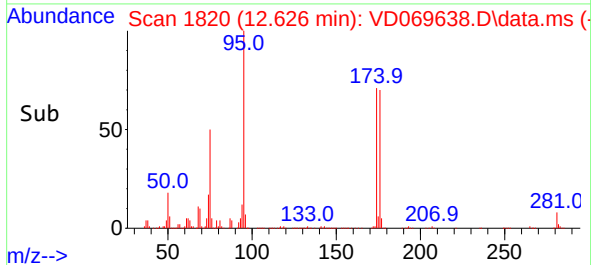
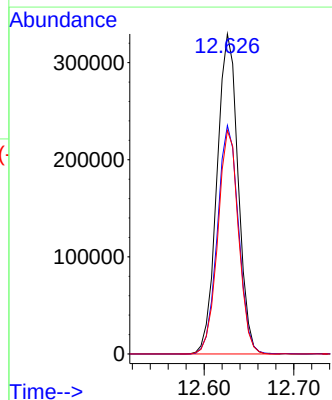
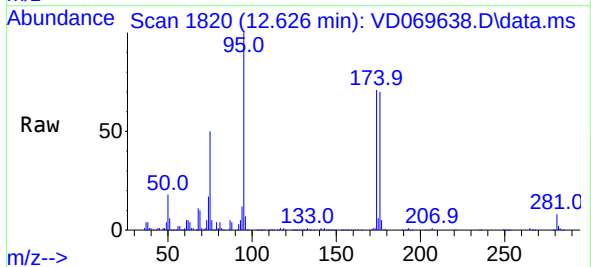
Instrument :
MSVOA_D
ClientSampleId :
SB08

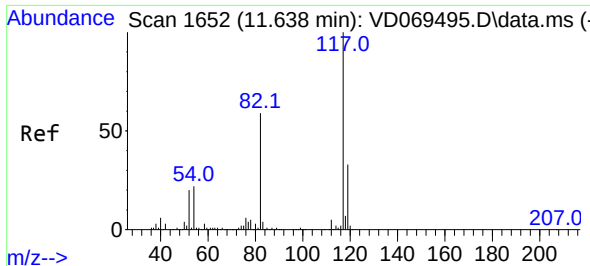
Tgt Ion: 98 Resp: 1423803
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.255 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069638.D
Acq: 08 Jul 2021 19:26

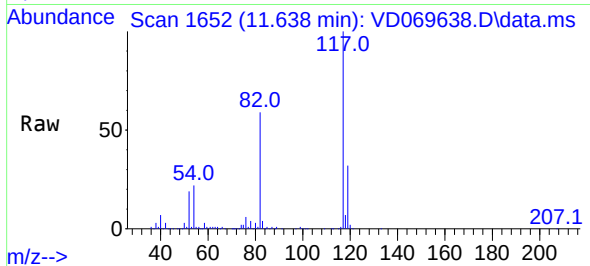
Tgt Ion: 95 Resp: 538427
Ion Ratio Lower Upper
95 100
174 71.6 0.0 148.0
176 68.5 0.0 139.8





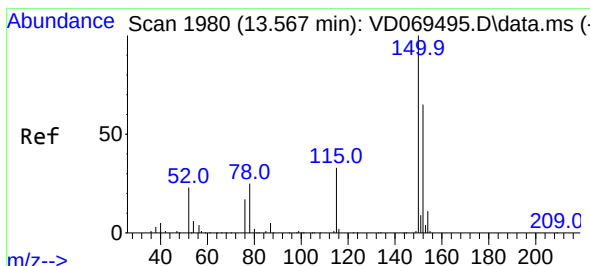
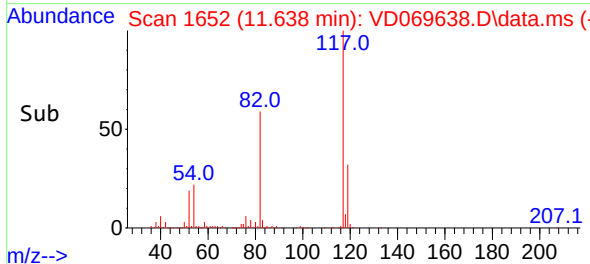
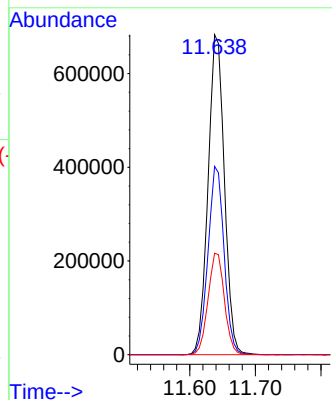
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069638.D
Acq: 08 Jul 2021 19:26

Instrument :
MSVOA_D
ClientSampleId :
SB08



Tgt Ion:117 Resp: 1182677

Ion	Ratio	Lower	Upper
117	100		
82	58.8	46.8	70.2
119	31.7	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: VD069638.D
Acq: 08 Jul 2021 19:26

Tgt Ion:152 Resp: 531291

Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.7	95.1
150	154.4	0.0	350.8

