

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069639.D
 Acq On : 08 Jul 2021 19:54
 Operator : VA/SY
 Sample : M2956-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-72-12000-ETGI-283

Quant Time: Jul 09 01:06:07 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	547380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1063092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1174446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	527787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	336290	49.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.914	113	349635	48.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.300%
50) Toluene-d8	10.338	98	1419302	52.654	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.626	95	530467	59.861	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.720%

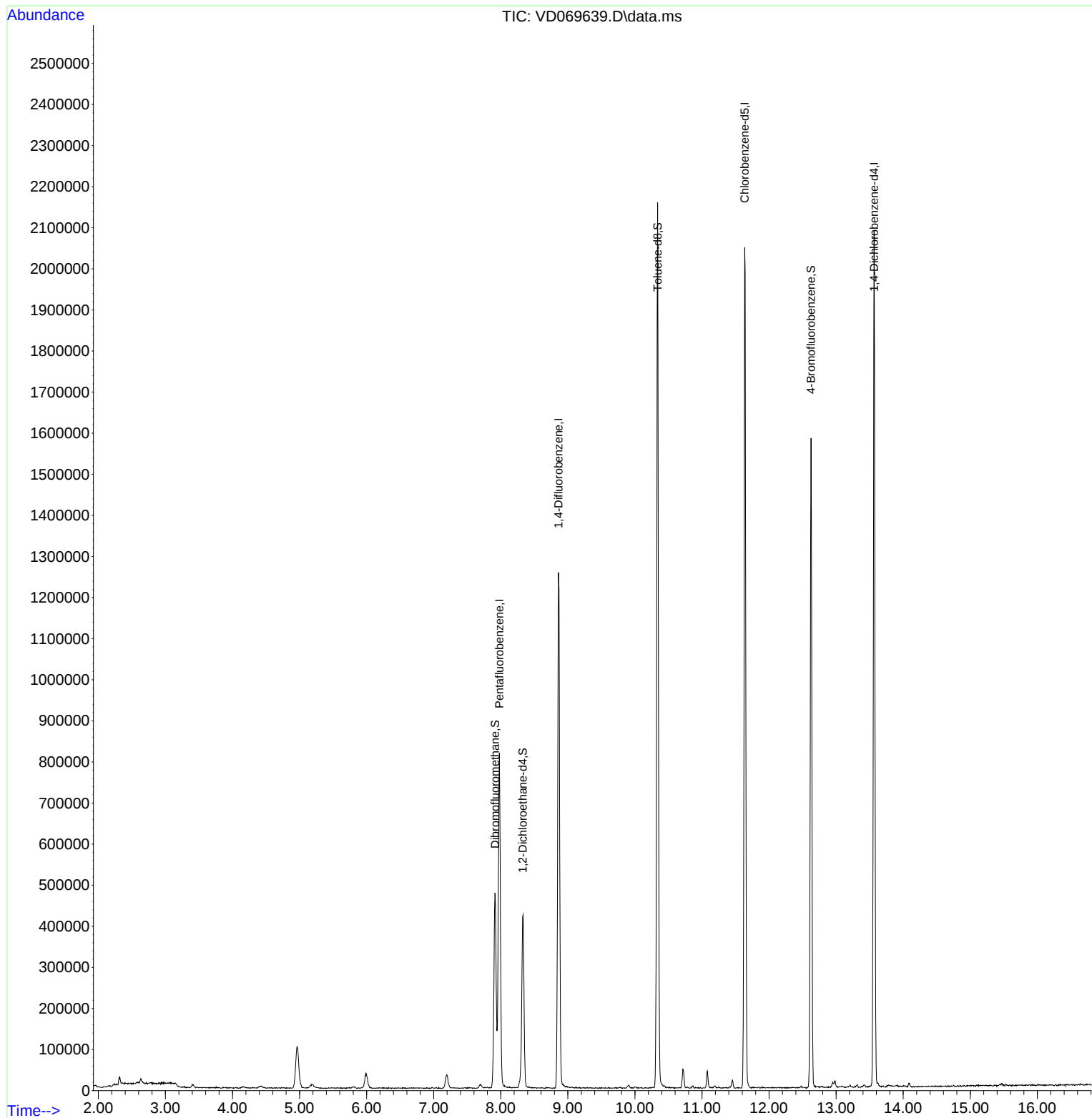
Target Compounds	Qvalue

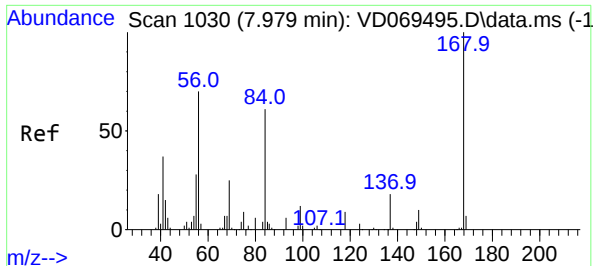
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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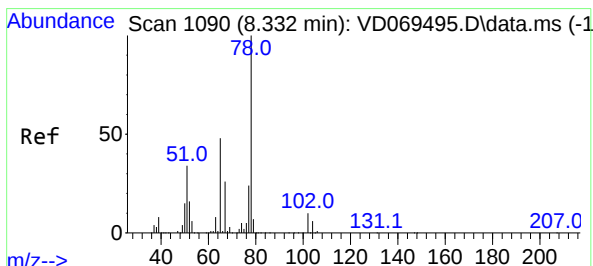
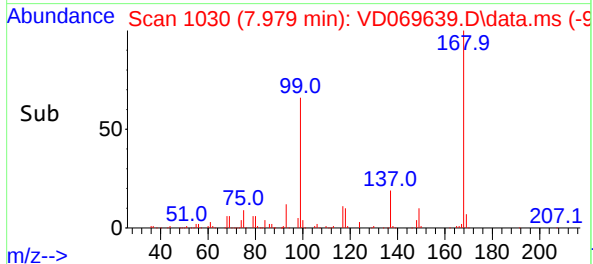
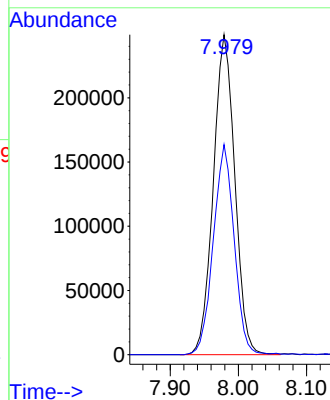
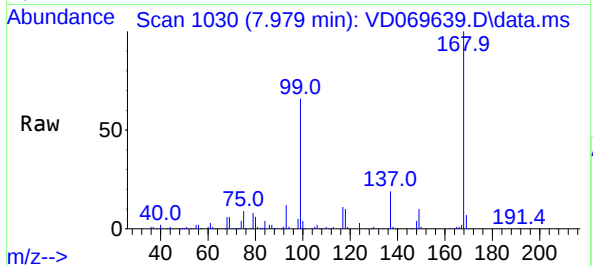




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069639.D
Acq: 08 Jul 2021 19:54

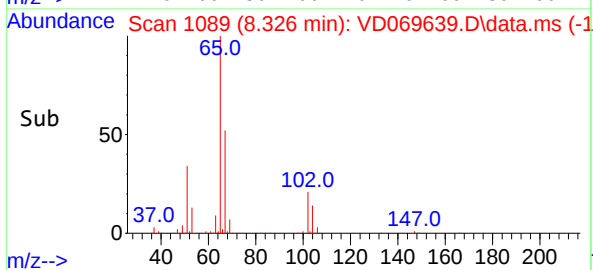
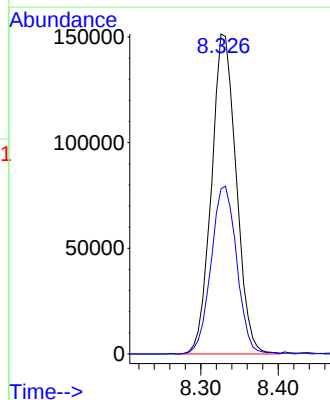
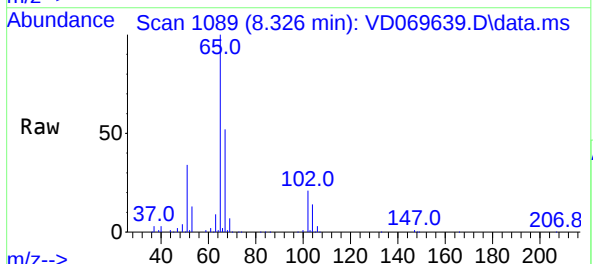
Instrument :
MSVOA_D
ClientSampleId :
RO-72-12000-ETGI-283

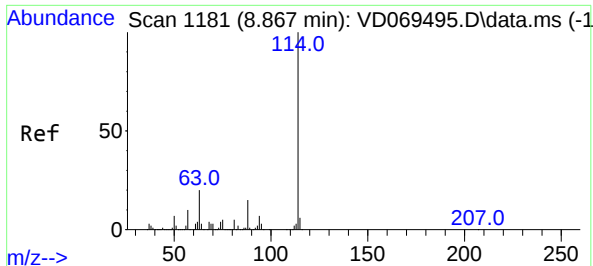
Tgt Ion:168 Resp: 547380
Ion Ratio Lower Upper
168 100
99 65.6 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 49.288 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069639.D
Acq: 08 Jul 2021 19:54

Tgt Ion: 65 Resp: 336290
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.6



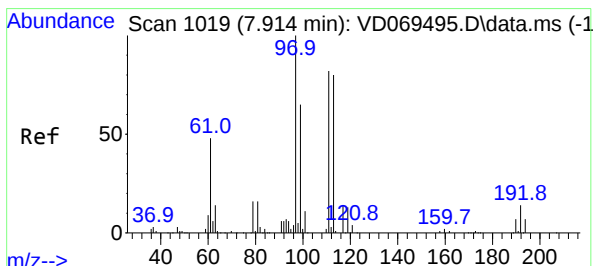
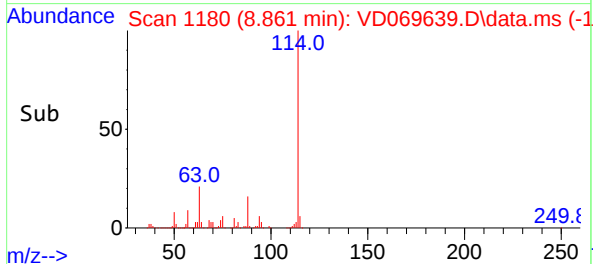
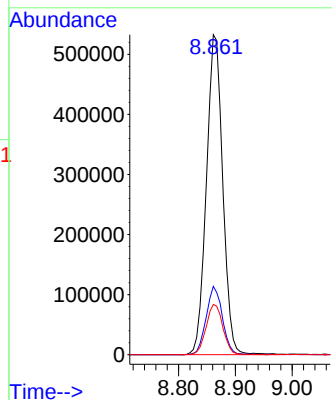
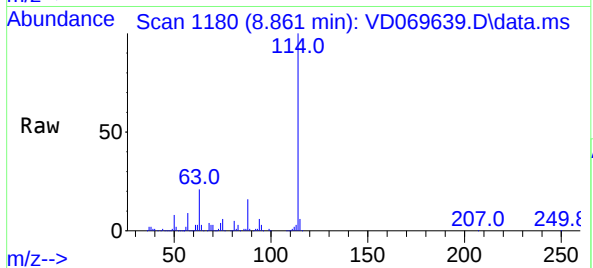


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069639.D
Acq: 08 Jul 2021 19:54

Instrument :
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RO-72-12000-ETGI-283

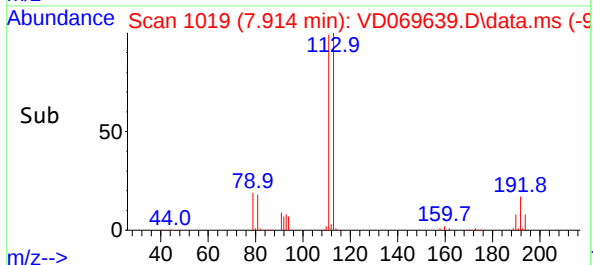
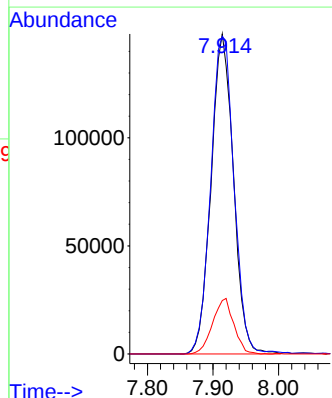
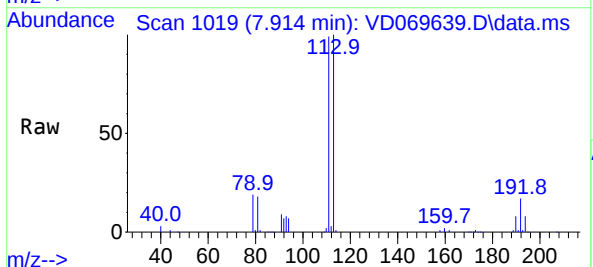
Tgt Ion:114 Resp: 1063092
Ion Ratio Lower Upper
114 100
63 21.4 0.0 39.6
88 15.7 0.0 29.8

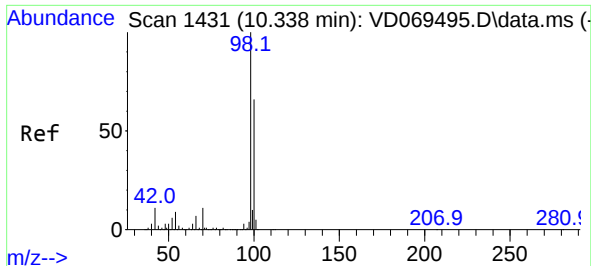


#35

Dibromofluoromethane
Concen: 48.653 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069639.D
Acq: 08 Jul 2021 19:54

Tgt Ion:113 Resp: 349635
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 16.5 13.8 20.6

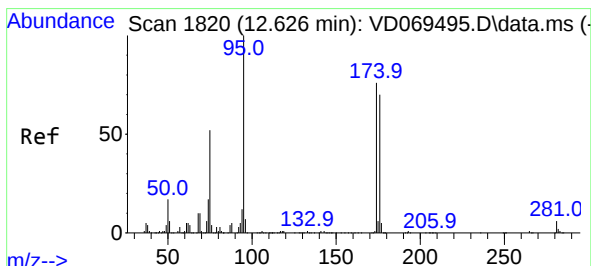
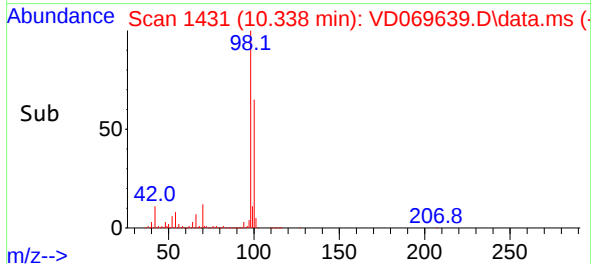
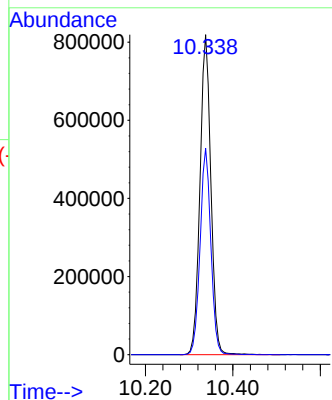
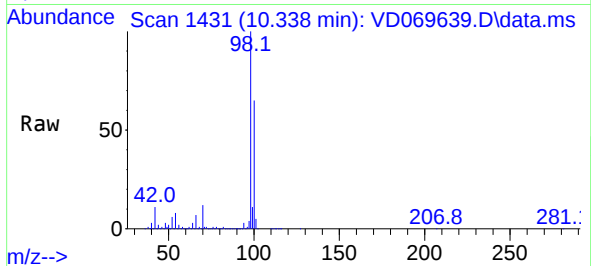




#50
Toluene-d8
Concen: 52.654 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069639.D
Acq: 08 Jul 2021 19:54

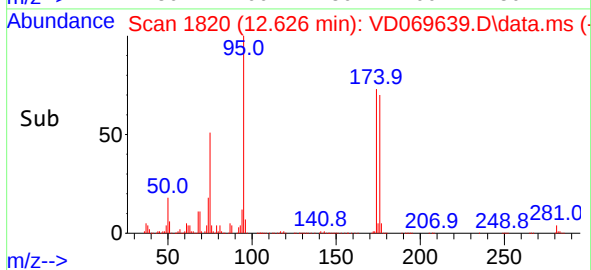
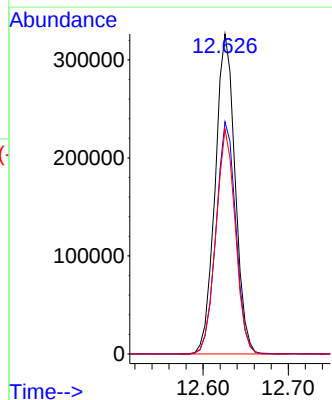
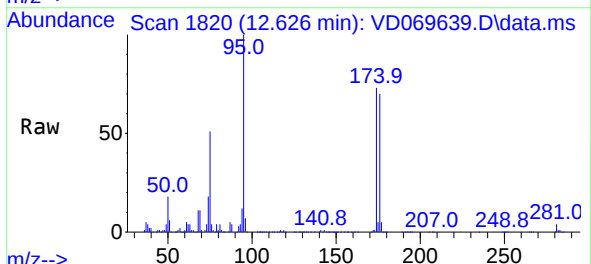
Instrument :
MSVOA_D
ClientSampleId :
RO-72-12000-ETGI-283

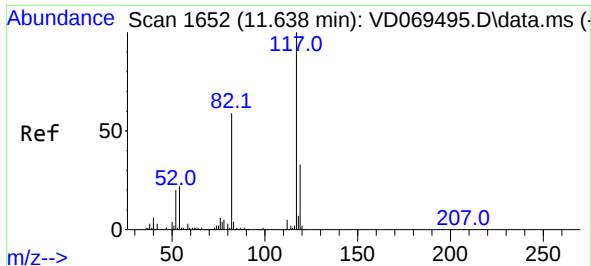
Tgt Ion: 98 Resp: 1419302
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.861 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069639.D
Acq: 08 Jul 2021 19:54

Tgt Ion: 95 Resp: 530467
Ion Ratio Lower Upper
95 100
174 72.0 0.0 148.0
176 68.6 0.0 139.8



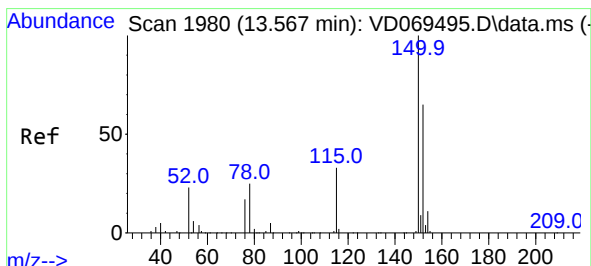
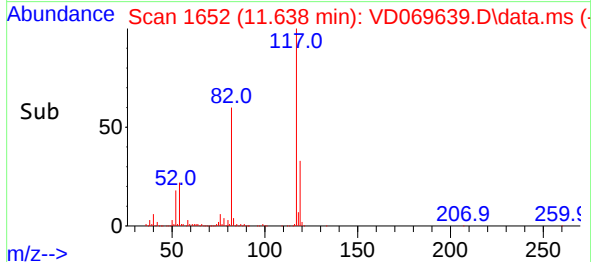
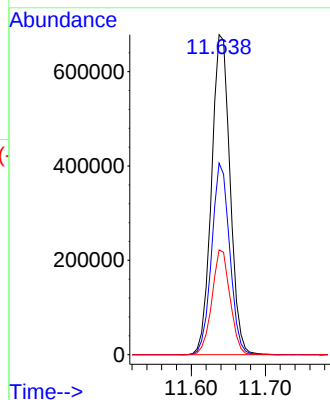
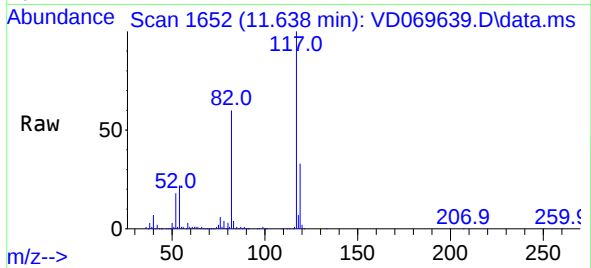


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069639.D
Acq: 08 Jul 2021 19:54

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:117 Resp: 1174446

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.8	70.2
119	32.8	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: VD069639.D
Acq: 08 Jul 2021 19:54

Tgt Ion:152 Resp: 527787

Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.7	95.1
150	157.3	0.0	350.8

