

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069649.D
 Acq On : 09 Jul 2021 16:32
 Operator : VA/SY
 Sample : M2965-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-ETGI-345

Quant Time: Jul 10 02:55:20 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	7.973	168	8814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	15644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	16030	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5954	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6331	57.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.260%
35) Dibromofluoromethane	7.909	113	4762	45.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.338	98	19067	48.069	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.140%
62) 4-Bromofluorobenzene	12.620	95	6017	46.141	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.280%

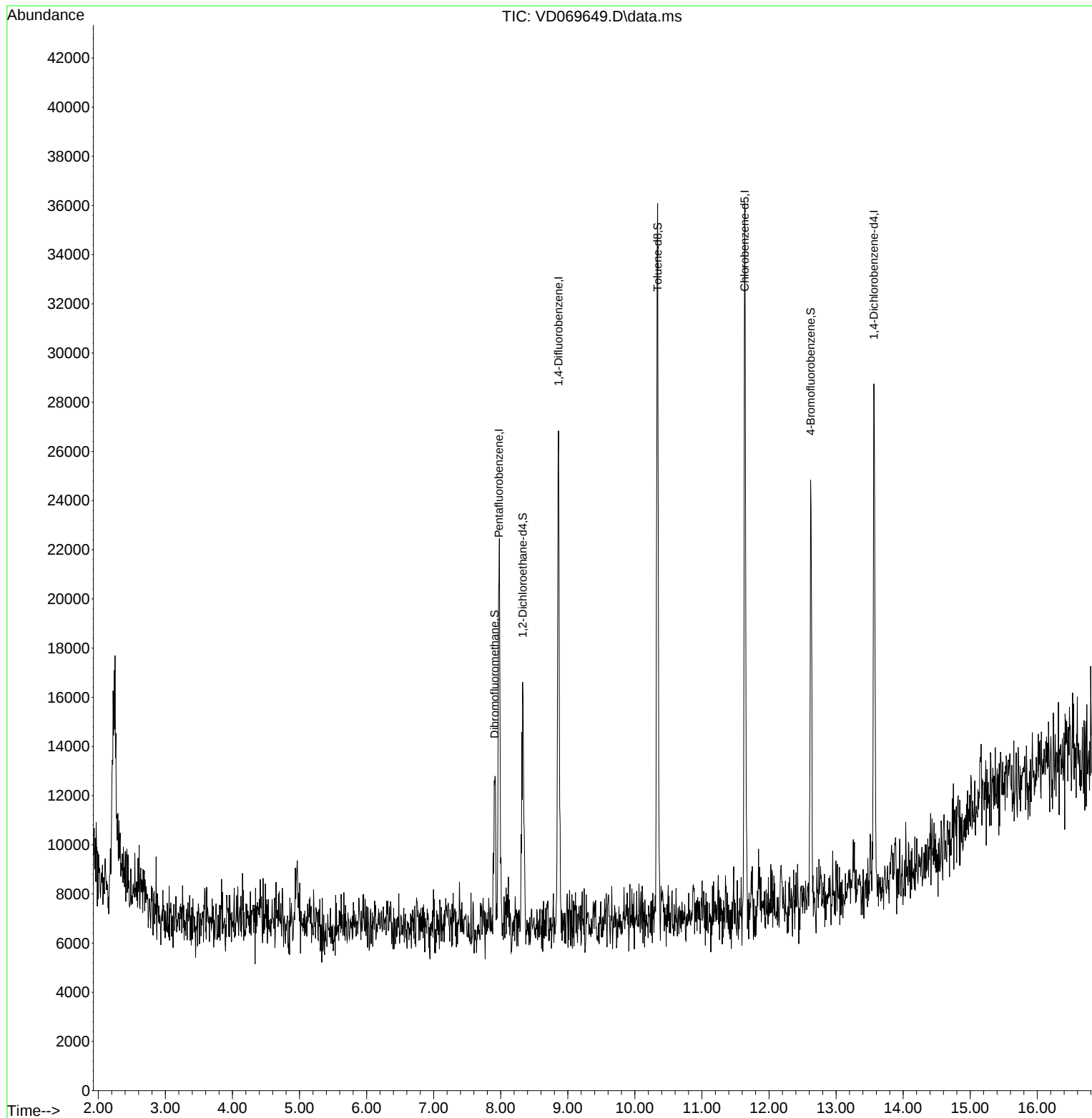
Target Compounds	Qvalue

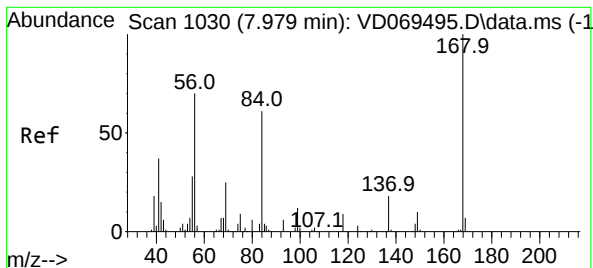
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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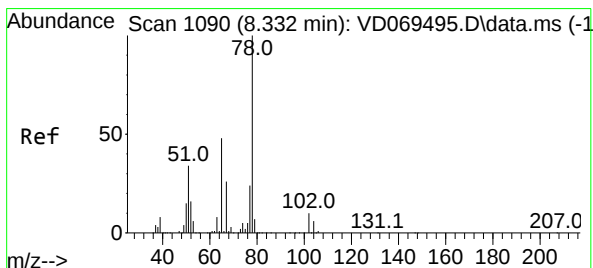
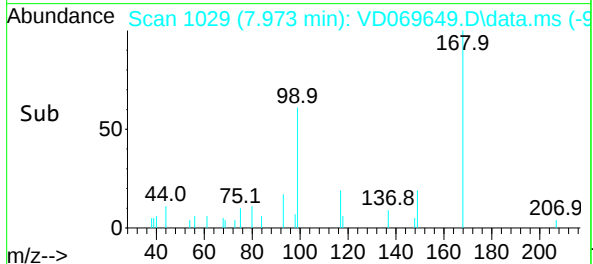
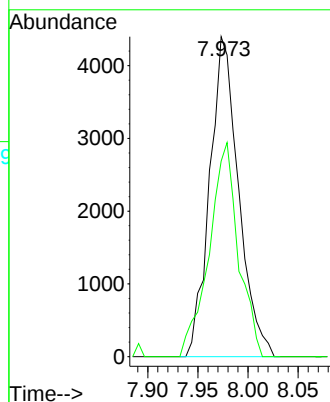
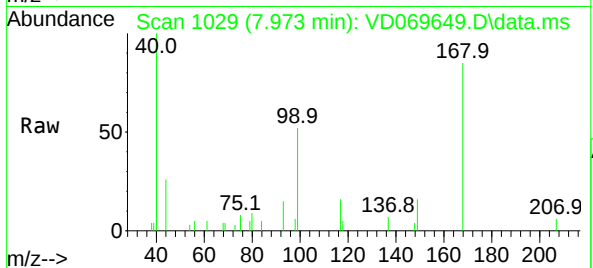




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

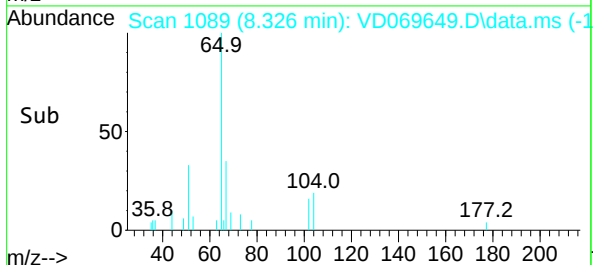
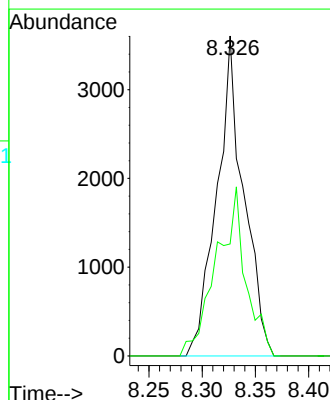
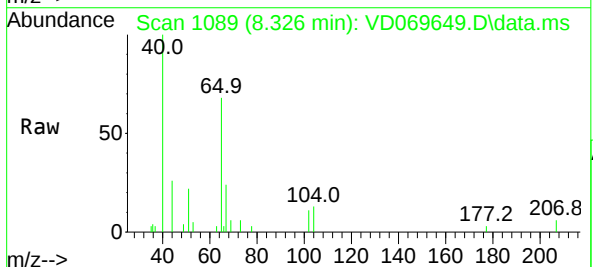
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

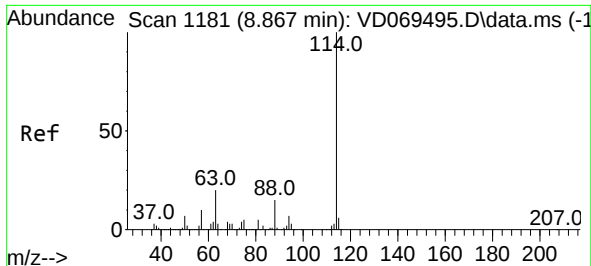
Tgt Ion:168 Resp: 8814
Ion Ratio Lower Upper
168 100
99 61.1 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 57.625 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 65 Resp: 6331
Ion Ratio Lower Upper
65 100
67 57.9 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: VD069649.D

Acq: 09 Jul 2021 16:32

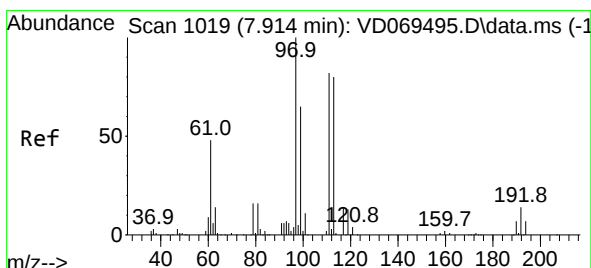
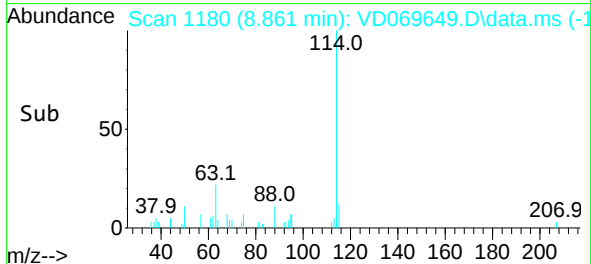
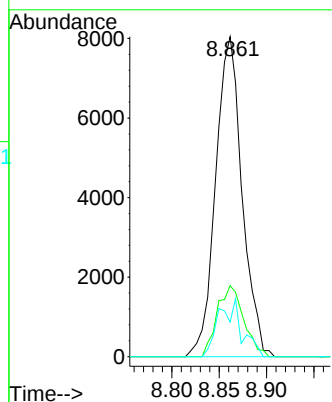
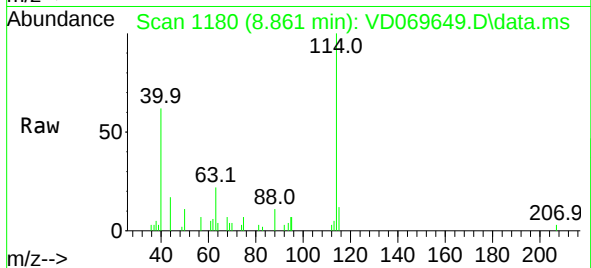
Instrument :

MSVOA_D

ClientSampleId :

RO-ETGI-345

Tgt Ion:114	Resp:	15644
Ion Ratio	Lower	Upper
114	100	
63	22.2	0.0 39.6
88	10.8	0.0 29.8



#35

Dibromofluoromethane

Concen: 45.031 ug/l

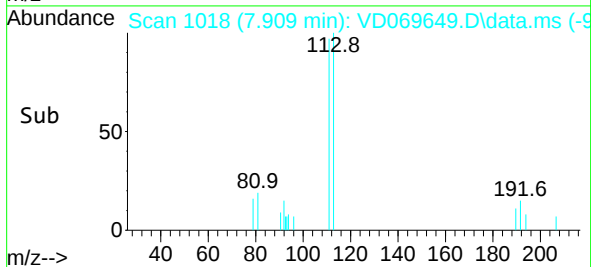
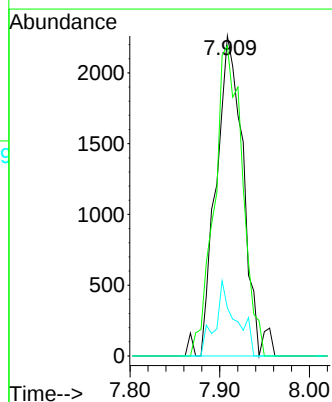
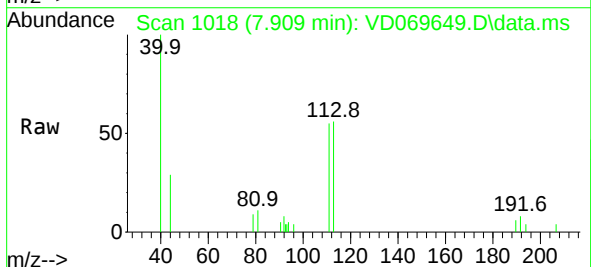
RT: 7.909 min Scan# 1018

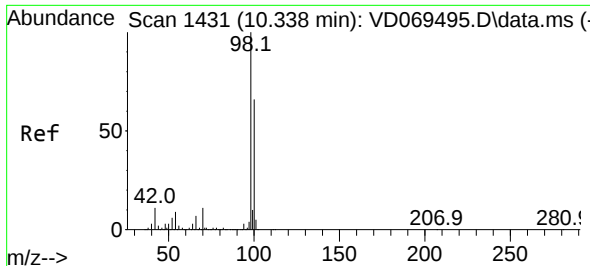
Delta R.T. -0.006 min

Lab File: VD069649.D

Acq: 09 Jul 2021 16:32

Tgt Ion:113	Resp:	4762
Ion Ratio	Lower	Upper
113	100	
111	100.3	81.8 122.8
192	17.7	13.8 20.6

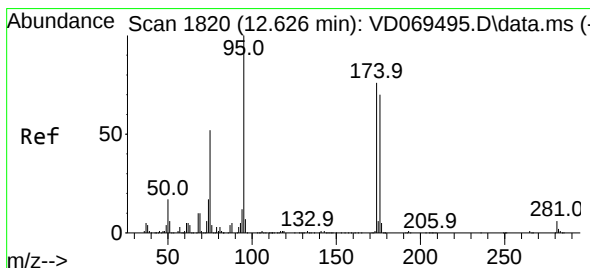
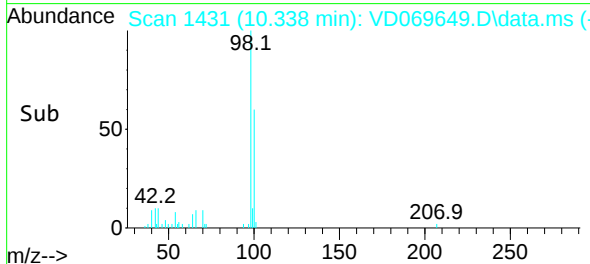
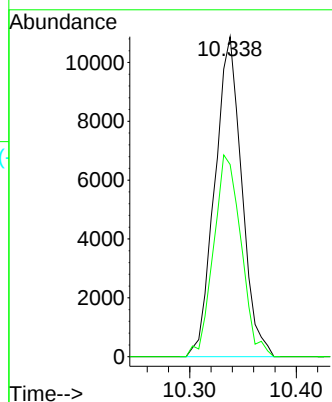
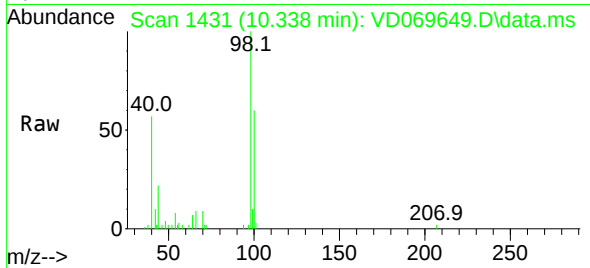




#50
Toluene-d8
Concen: 48.069 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

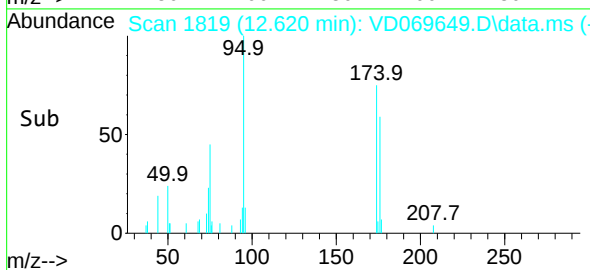
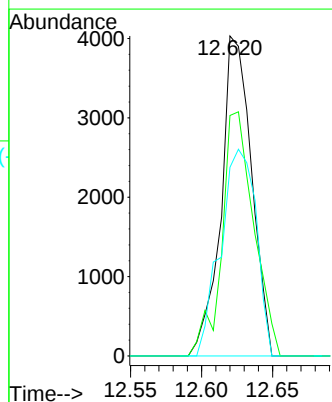
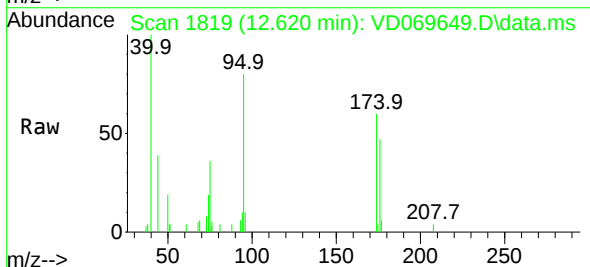
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

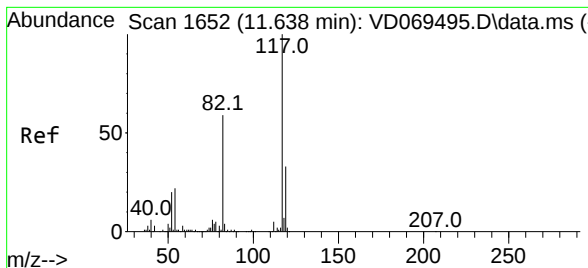
Tgt Ion: 98 Resp: 19067
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.141 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion: 95 Resp: 6017
Ion Ratio Lower Upper
95 100
174 80.0 0.0 148.0
176 75.6 0.0 139.8

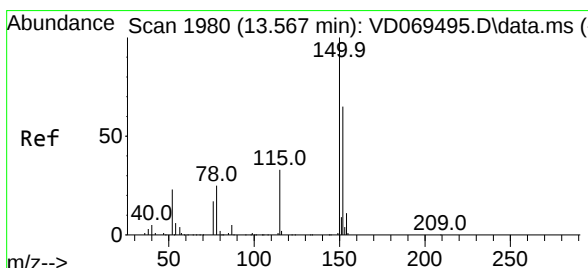
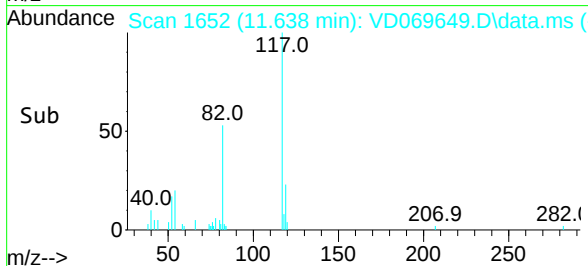
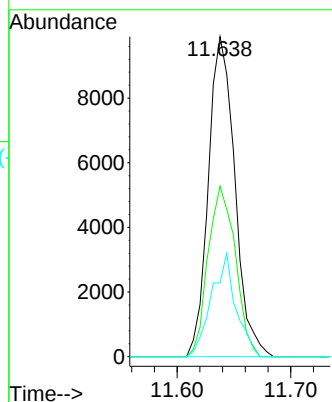
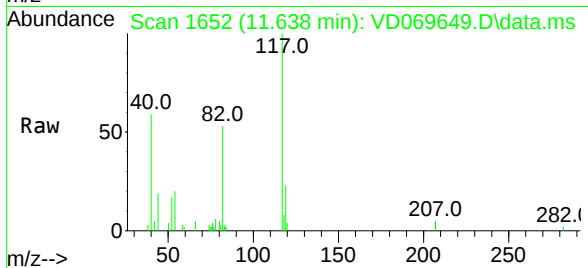




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Instrument :
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ClientSampleId :
RO-ETGI-345

Tgt Ion:	117	Resp:	16030
Ion	Ratio	Lower	Upper
117	100		
82	53.3	46.8	70.2
119	23.0	26.2	39.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069649.D
Acq: 09 Jul 2021 16:32

Tgt Ion:	152	Resp:	5954
Ion	Ratio	Lower	Upper
152	100		
115	63.6	31.7	95.1
150	152.4	0.0	350.8

