

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070921\
 Data File : VD069659.D
 Acq On : 09 Jul 2021 21:18
 Operator : VA/SY
 Sample : M2965-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-ETGI-345

Quant Time: Jul 10 02:58:11 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	22542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	39897	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.637	117	46996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	21950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22572	80.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.660%
35) Dibromofluoromethane	7.914	113	13792	51.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.332	98	53708	53.091	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.620	95	21323	64.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.240%

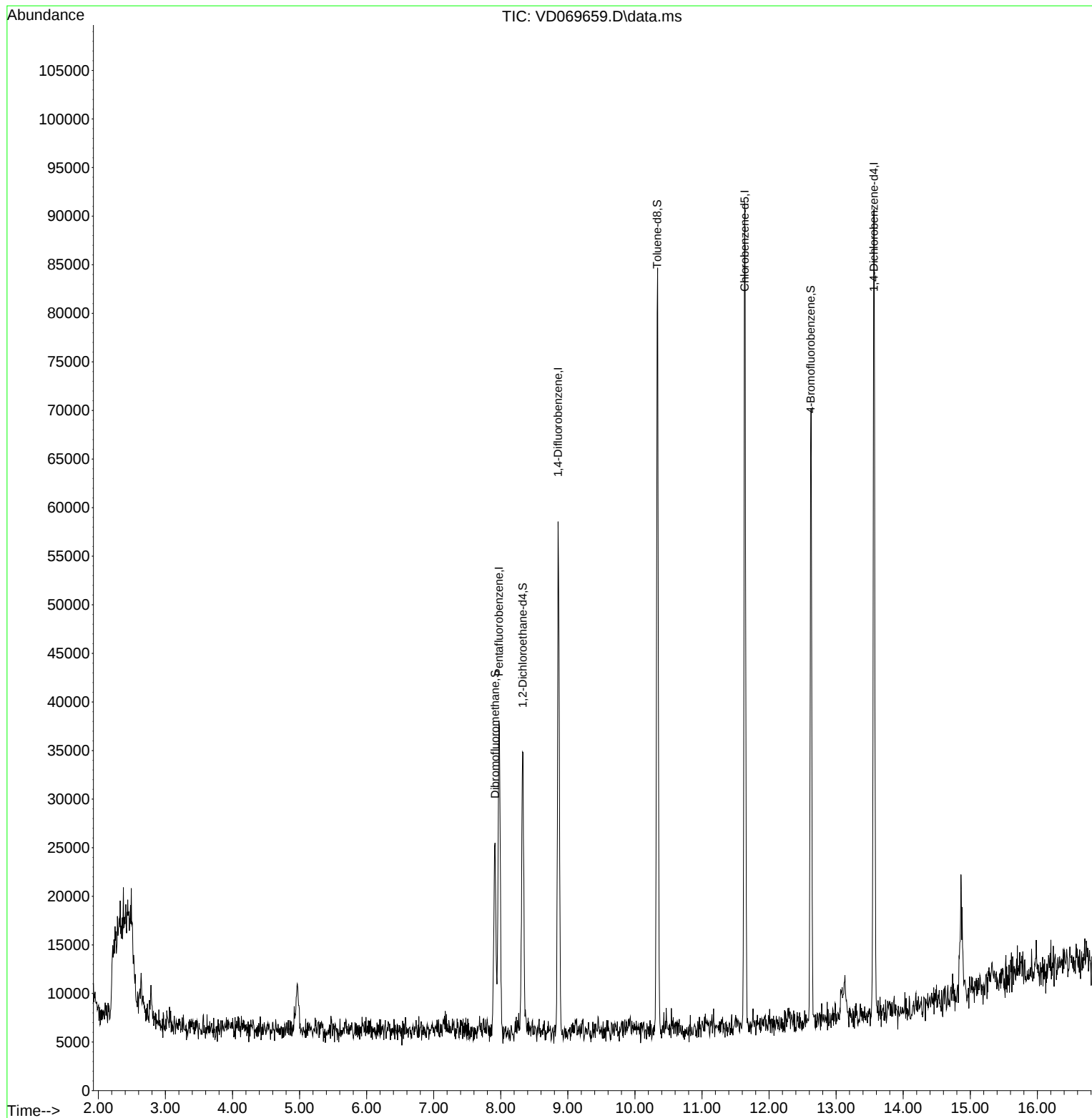
Target Compounds	Qvalue

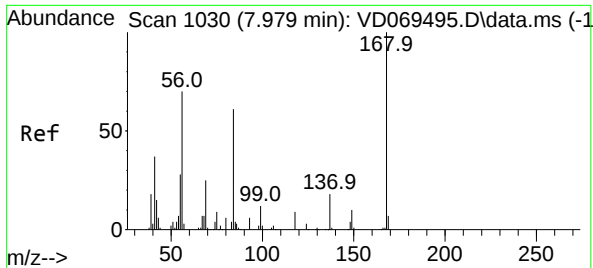
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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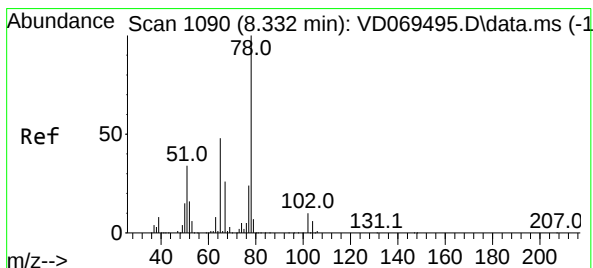
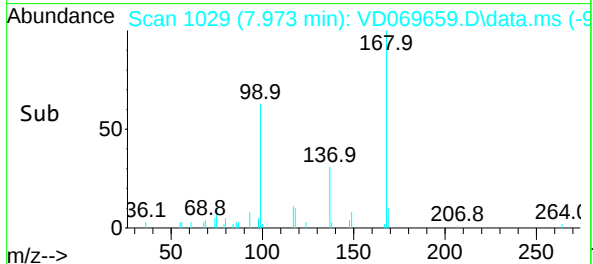
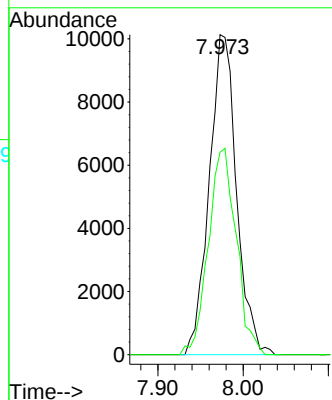
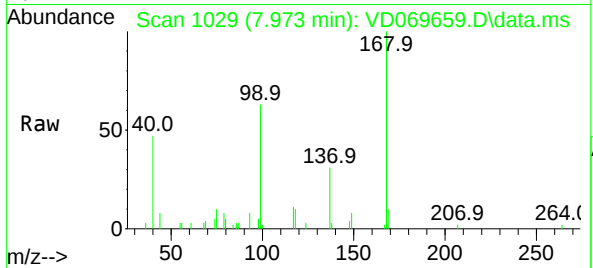




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069659.D
Acq: 09 Jul 2021 21:18

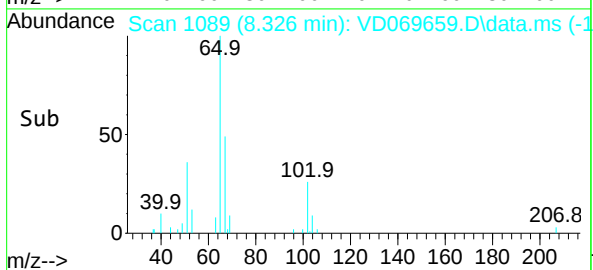
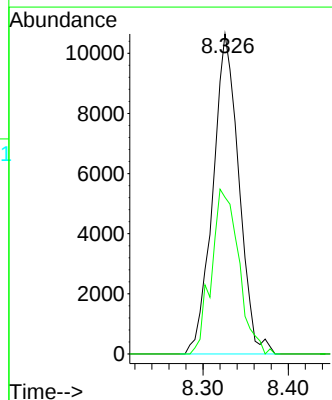
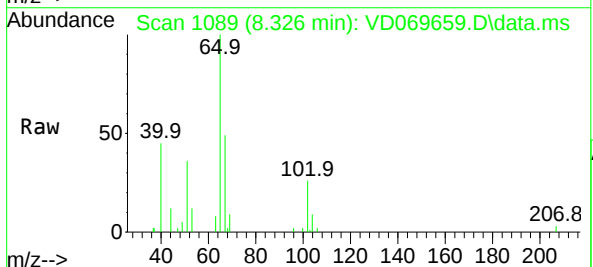
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

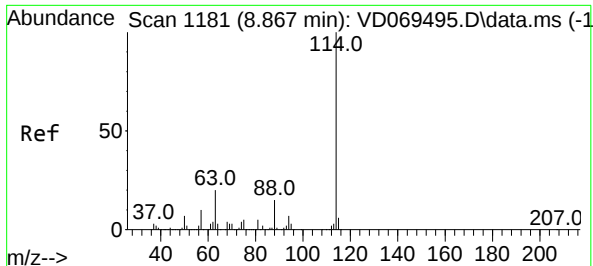
Tgt Ion:168 Resp: 22542
Ion Ratio Lower Upper
168 100
99 63.3 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 80.332 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069659.D
Acq: 09 Jul 2021 21:18

Tgt Ion: 65 Resp: 22572
Ion Ratio Lower Upper
65 100
67 54.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.012 min

Lab File: VD069659.D

Acq: 09 Jul 2021 21:18

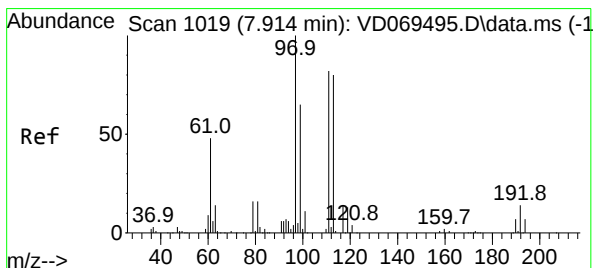
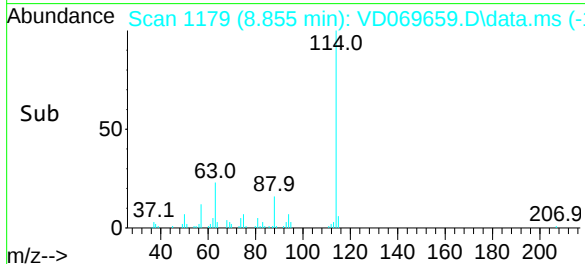
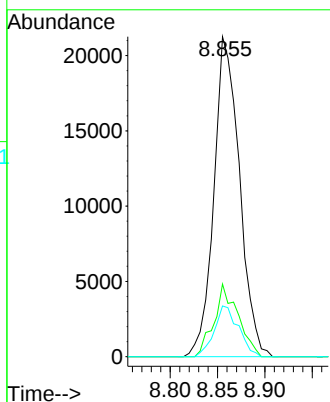
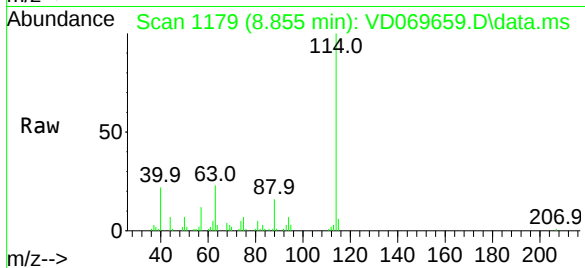
Instrument :

MSVOA_D

ClientSampleId :

RO-ETGI-345

Tgt Ion:114	Resp:	39897
Ion Ratio	Lower	Upper
114	100	
63	22.7	0.0 39.6
88	15.9	0.0 29.8



#35

Dibromofluoromethane

Concen: 51.139 ug/l

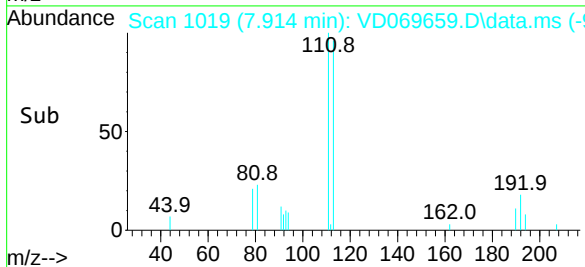
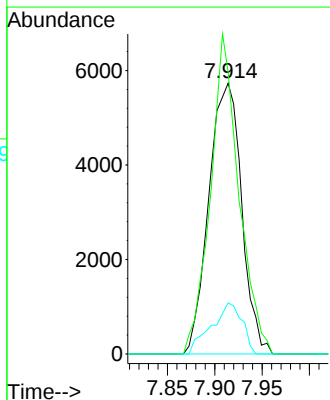
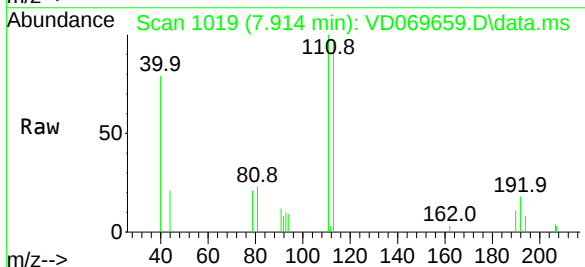
RT: 7.914 min Scan# 1019

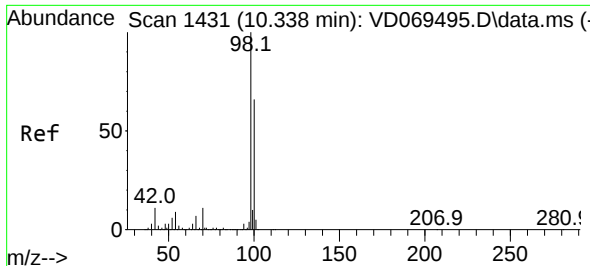
Delta R.T. -0.000 min

Lab File: VD069659.D

Acq: 09 Jul 2021 21:18

Tgt Ion:113	Resp:	13792
Ion Ratio	Lower	Upper
113	100	
111	102.8	81.8 122.8
192	17.7	13.8 20.6

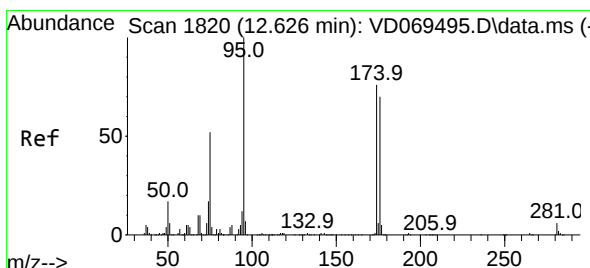
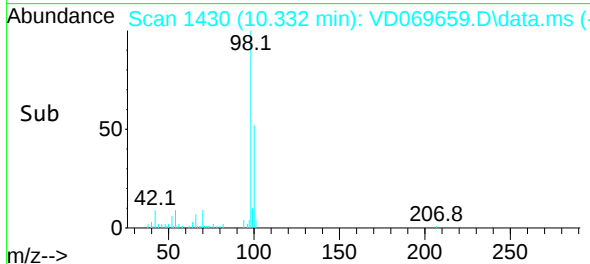
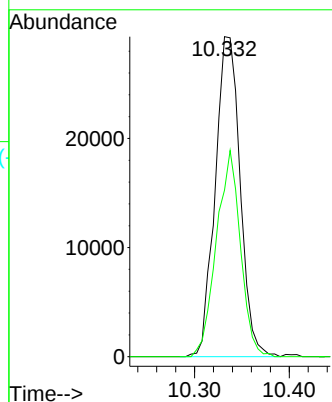
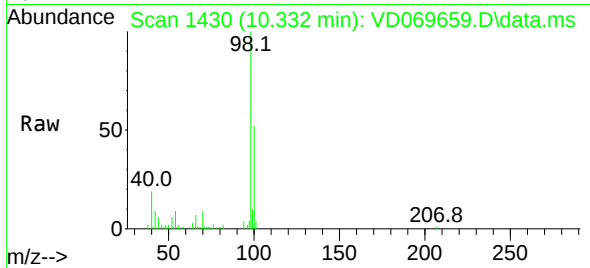




#50
Toluene-d8
Concen: 53.091 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069659.D
Acq: 09 Jul 2021 21:18

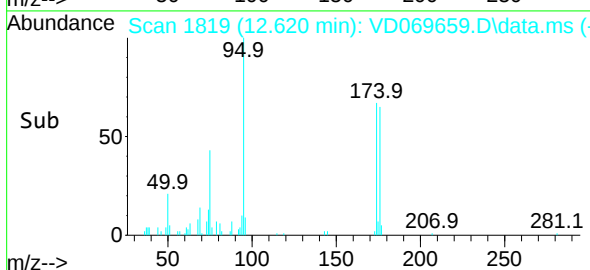
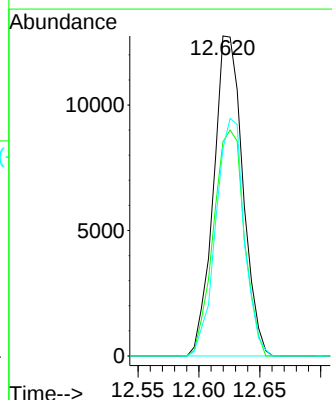
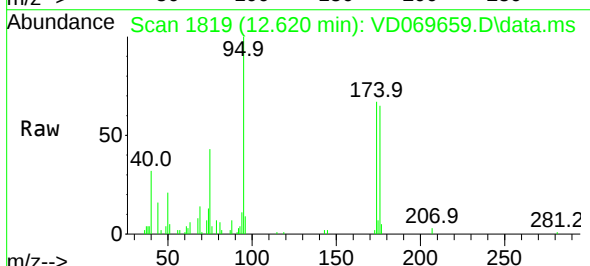
Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

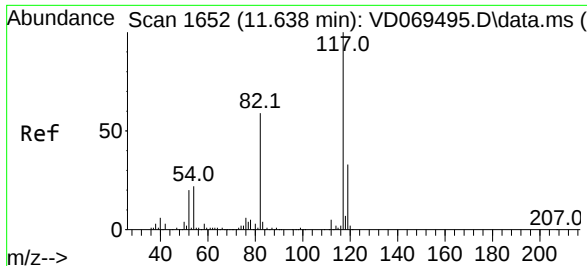
Tgt Ion: 98 Resp: 53708
Ion Ratio Lower Upper
98 100
100 62.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 64.115 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069659.D
Acq: 09 Jul 2021 21:18

Tgt Ion: 95 Resp: 21323
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.0
176 71.9 0.0 139.8

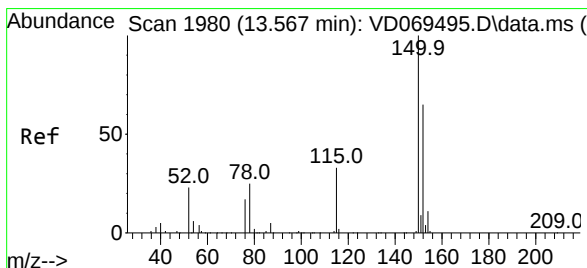
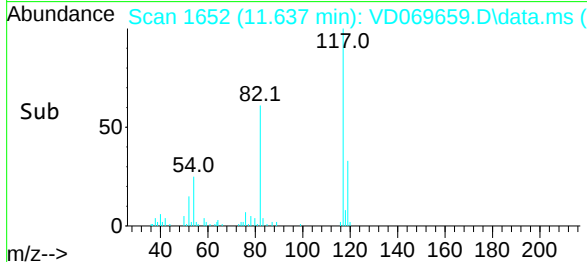
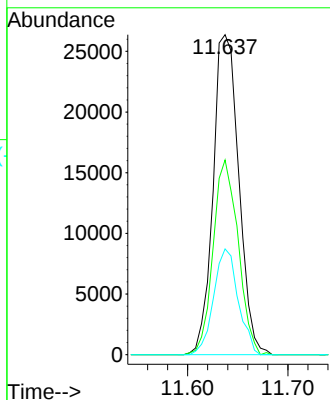
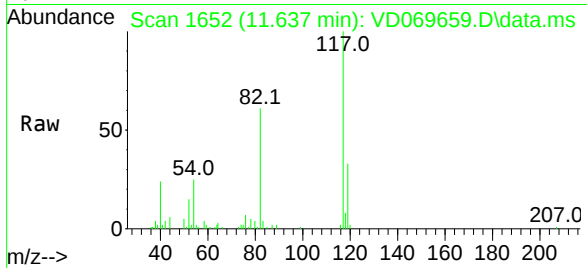




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069659.D
Acq: 09 Jul 2021 21:18

Instrument :
MSVOA_D
ClientSampleId :
RO-ETGI-345

Tgt Ion:	117	Resp:	46996
Ion Ratio	Lower	Upper	
117	100		
82	60.8	46.8	70.2
119	33.0	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: VD069659.D
Acq: 09 Jul 2021 21:18

Tgt Ion:	152	Resp:	21950
Ion Ratio	Lower	Upper	
152	100		
115	64.6	31.7	95.1
150	157.4	0.0	350.8

