

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069455.D
 Acq On : 16 Jun 2021 09:22
 Operator : VA/SY
 Sample : VD0616SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0616SBL01

Quant Time: Jun 17 02:45:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

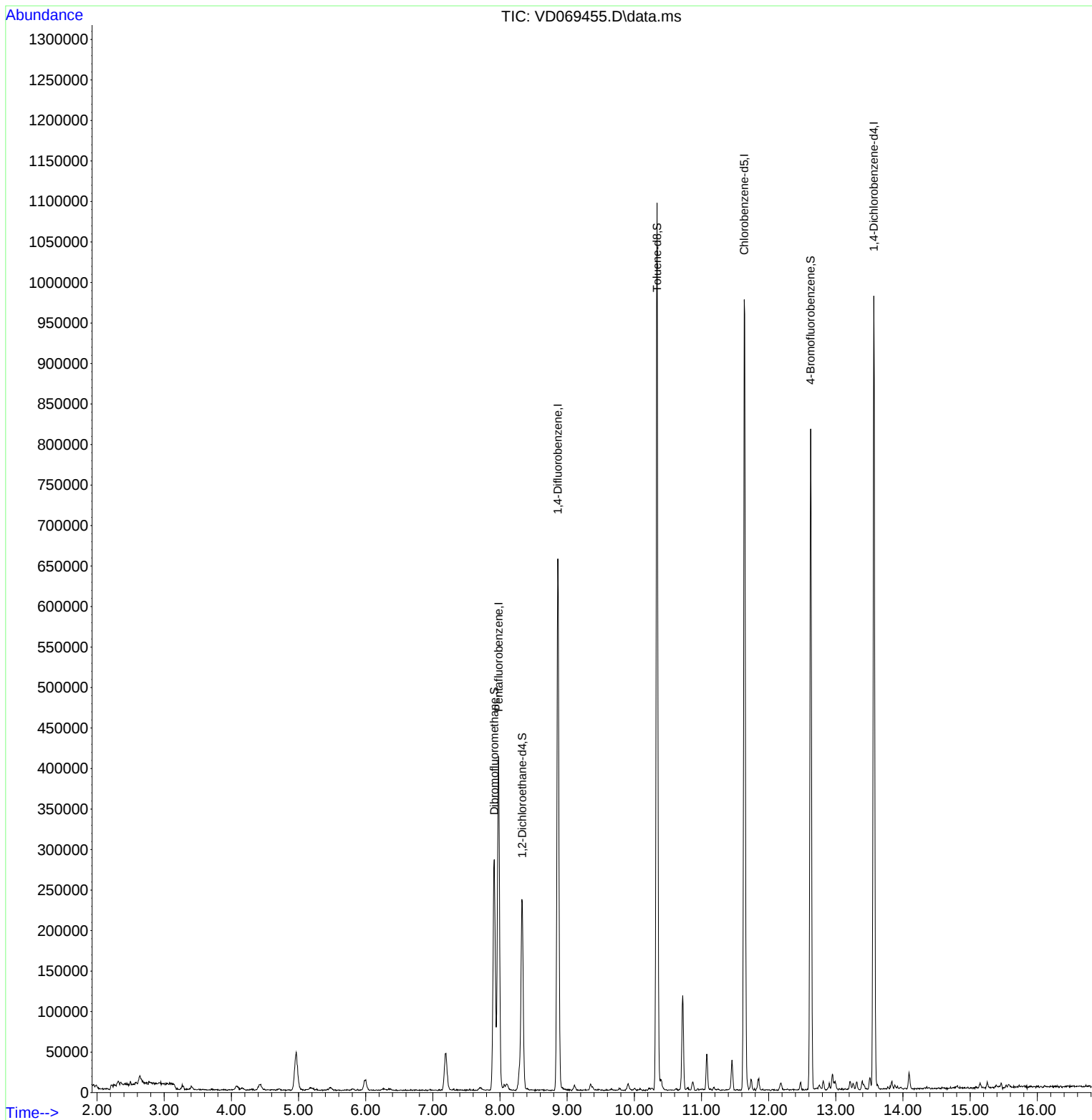
Internal Standards						
1) Pentafluorobenzene	7.979	168	296403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	585540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	603264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	271258	50.000	ug/l	0.00

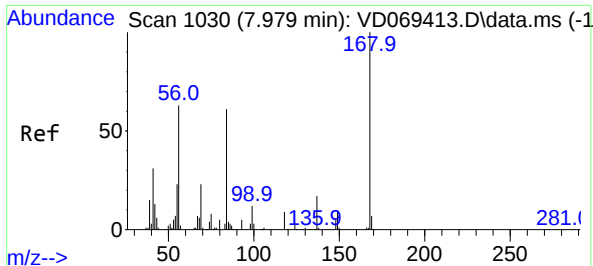
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	186692	55.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.914	113	205600	46.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.760%
50) Toluene-d8	10.338	98	746118	46.514	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.626	95	248976	48.375	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.740%

Target Compounds	Qvalue

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

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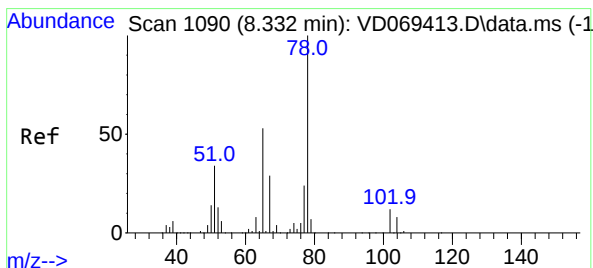
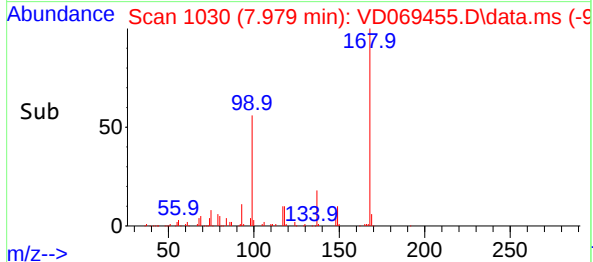
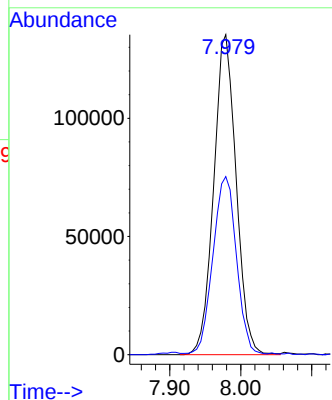
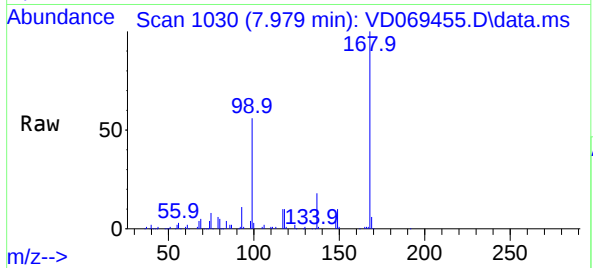




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

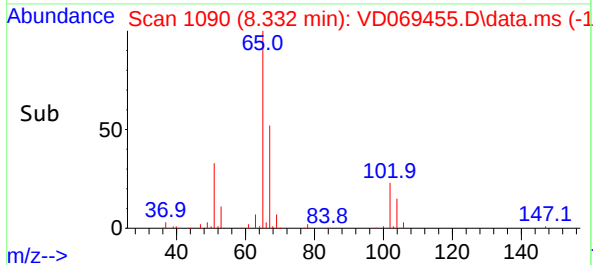
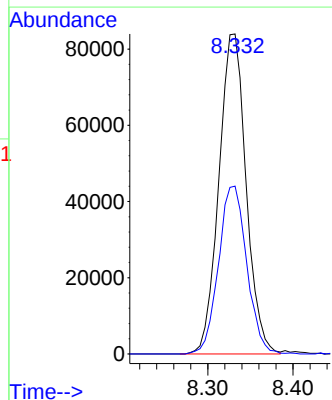
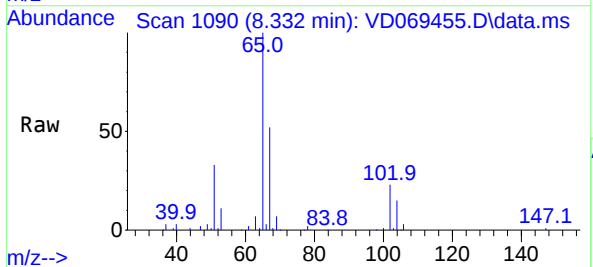
Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

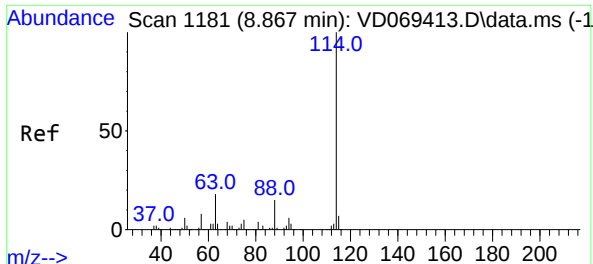
Tgt Ion:168 Resp: 296403
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 55.831 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

Tgt Ion: 65 Resp: 186692
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.8

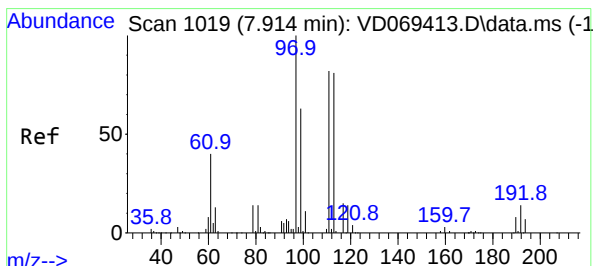
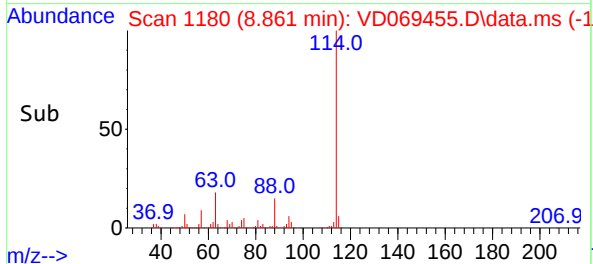
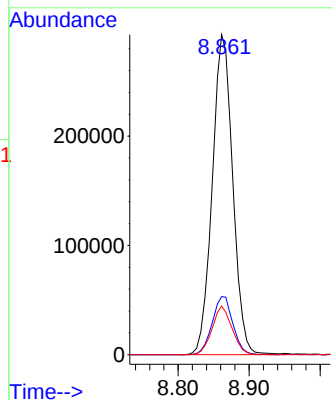
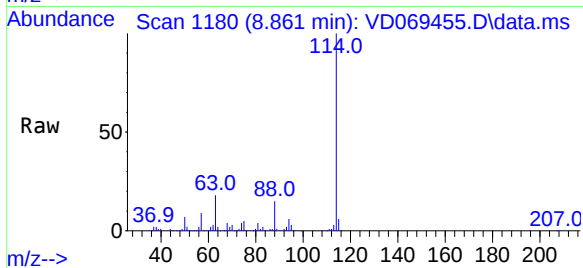




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

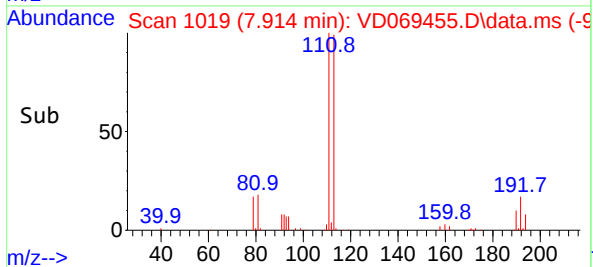
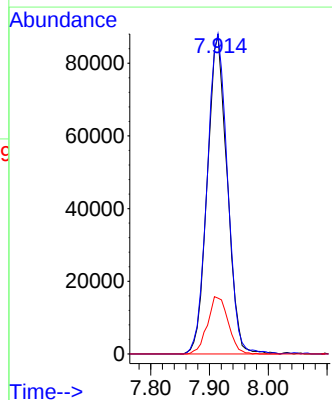
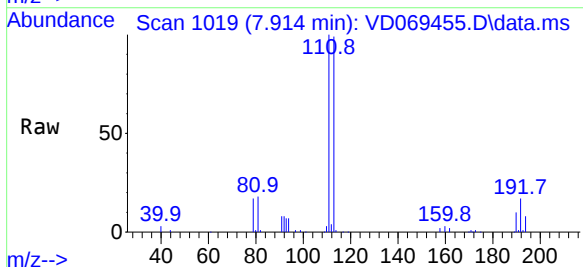
Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

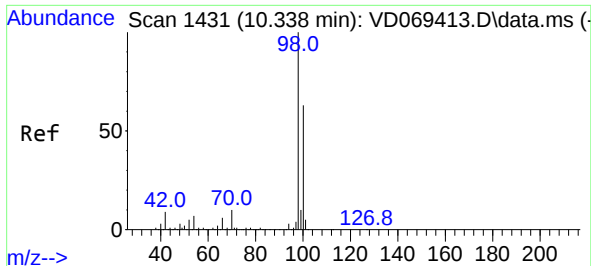
Tgt Ion:	114	Resp:	585540
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	15.2	0.0	31.2



#35
Dibromofluoromethane
Concen: 46.880 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

Tgt Ion:	113	Resp:	205600
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.6
192	18.7	15.1	22.7

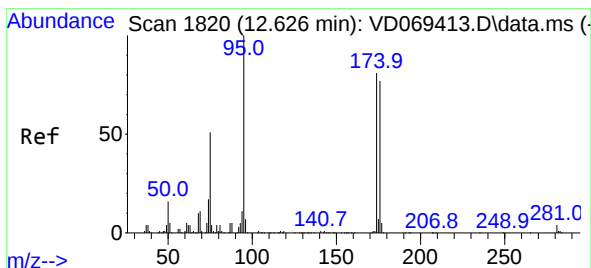
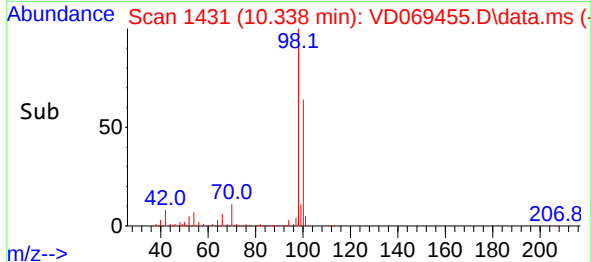
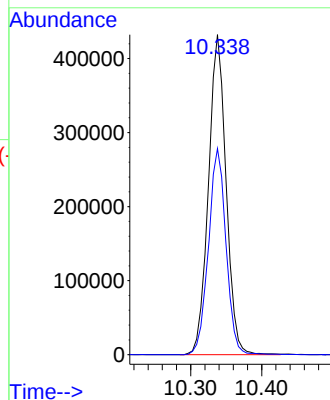
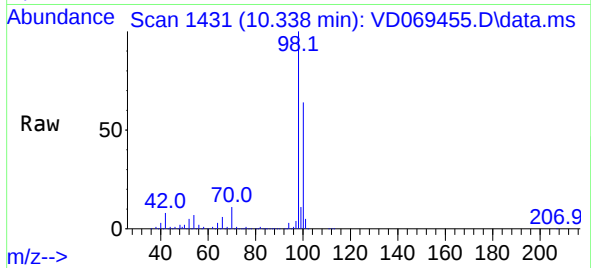




#50
Toluene-d8
Concen: 46.514 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

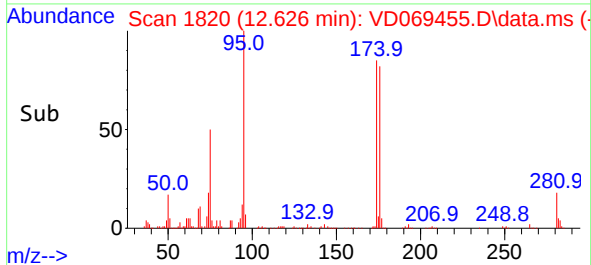
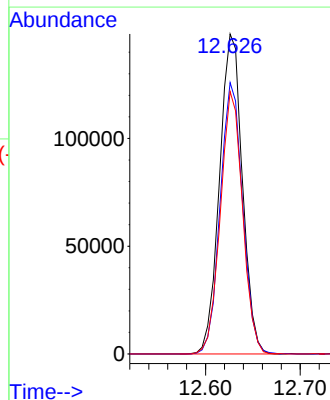
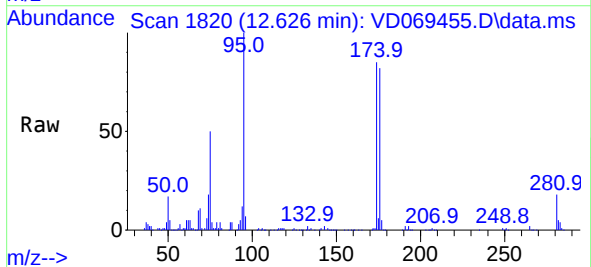
Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

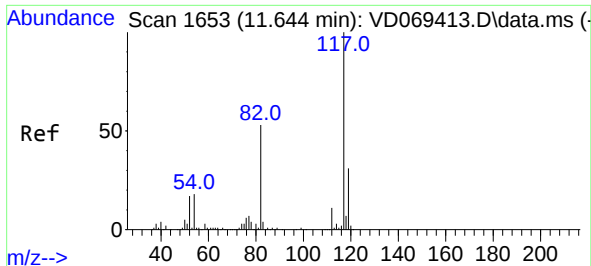
Tgt Ion: 98 Resp: 746118
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.375 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

Tgt Ion: 95 Resp: 248976
Ion Ratio Lower Upper
95 100
174 83.3 0.0 162.8
176 79.5 0.0 154.4

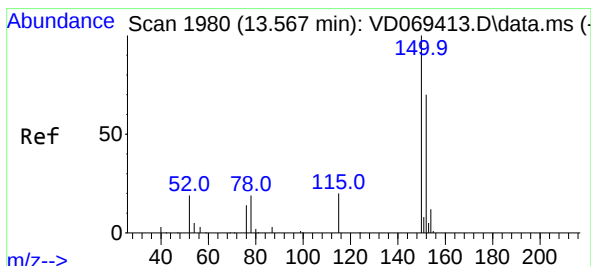
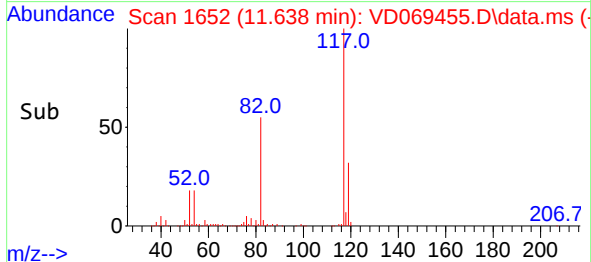
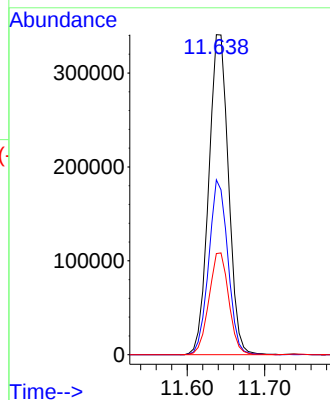
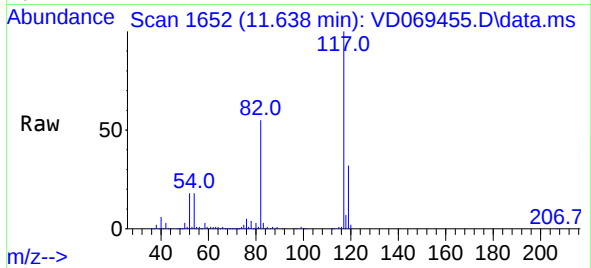




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

Instrument :
MSVOA_D
ClientSampleId :
VD0616SBL01

Tgt Ion:	117	Resp:	603264
Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.3	64.9
119	31.6	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069455.D
Acq: 16 Jun 2021 09:22

Tgt Ion:	152	Resp:	271258
Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.4	88.3
150	157.8	0.0	355.0

