

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071921\
 Data File : VD069743.D
 Acq On : 19 Jul 2021 11:06
 Operator : VA/SY
 Sample : M3065-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-071521

Quant Time: Jul 20 02:10:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	19759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	32999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	39406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	17398	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	17092	69.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.560%
35) Dibromofluoromethane	7.902	113	10686	48.269	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.338	98	41806	48.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.220%
62) 4-Bromofluorobenzene	12.620	95	17792	62.027	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.060%

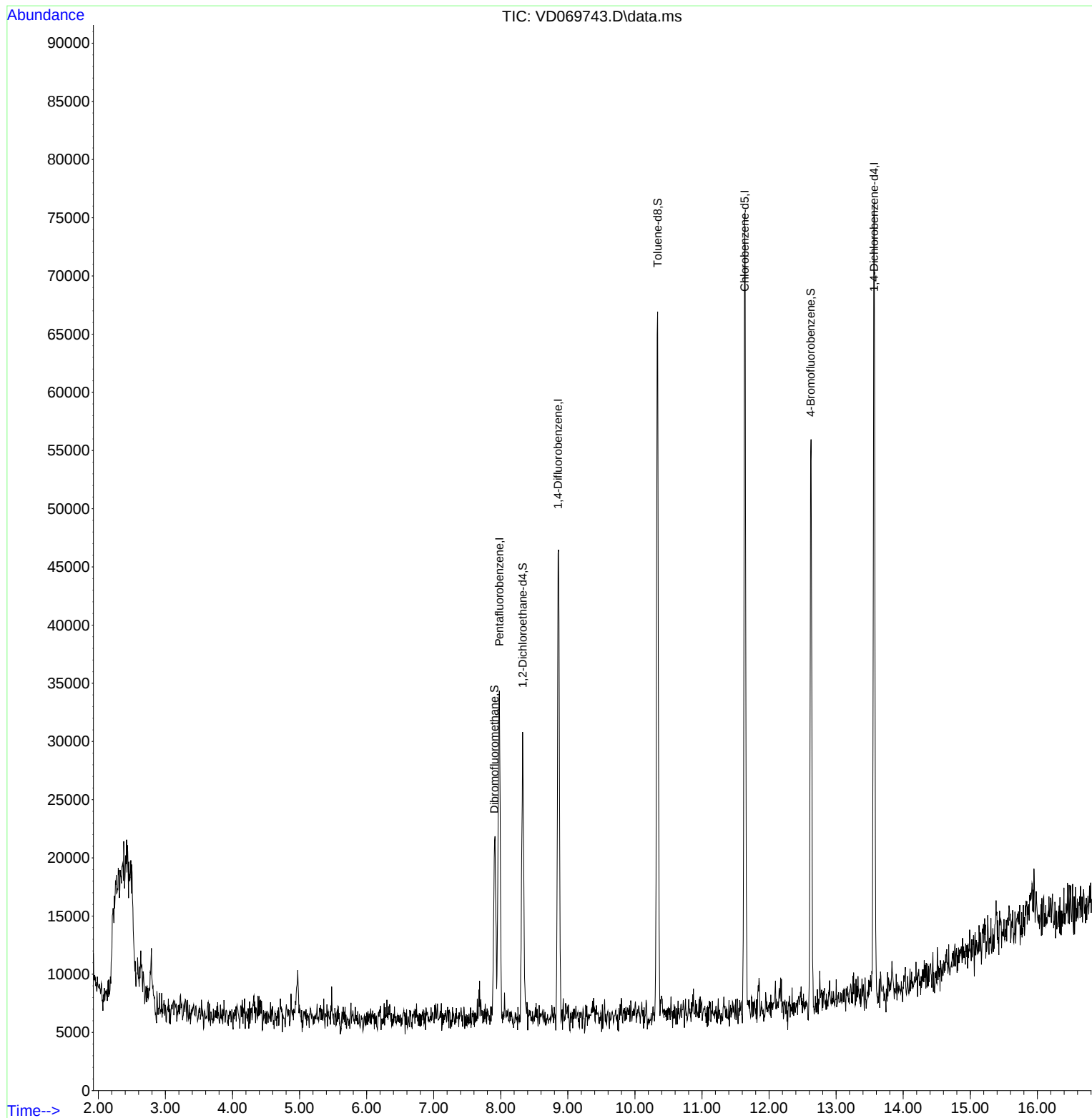
Target Compounds	Qvalue

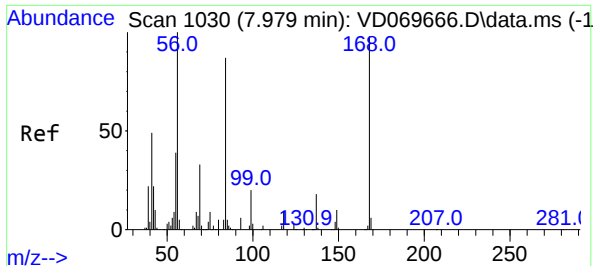
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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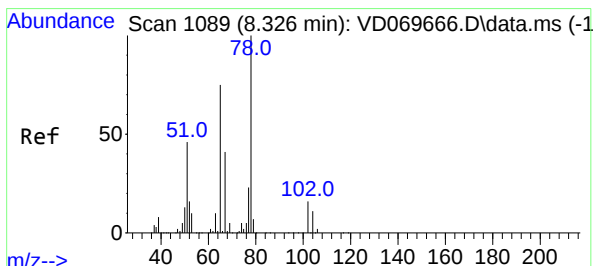
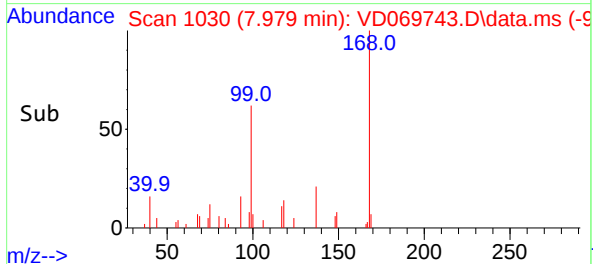
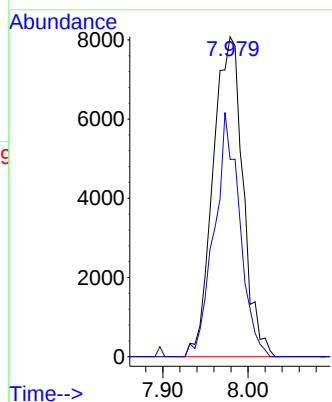
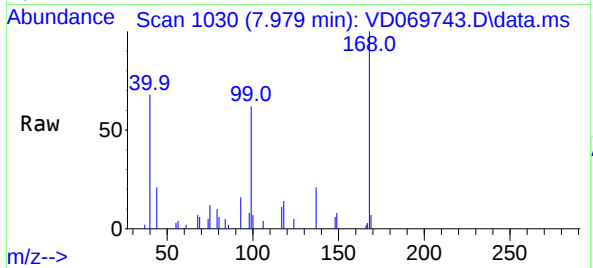




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

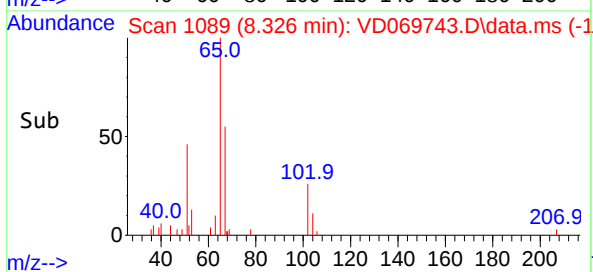
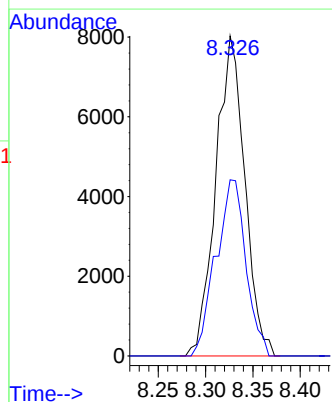
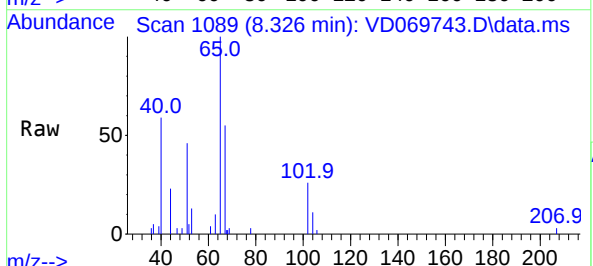
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521

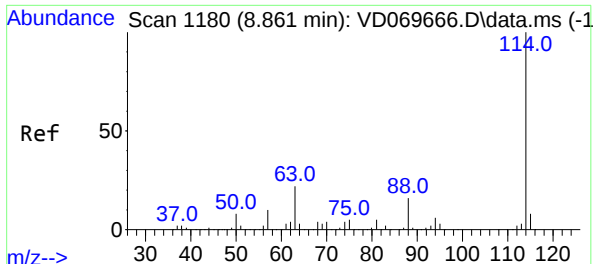
Tgt Ion:168 Resp: 19759
Ion Ratio Lower Upper
168 100
99 61.7 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 69.278 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

Tgt Ion: 65 Resp: 17092
Ion Ratio Lower Upper
65 100
67 56.9 0.0 107.2



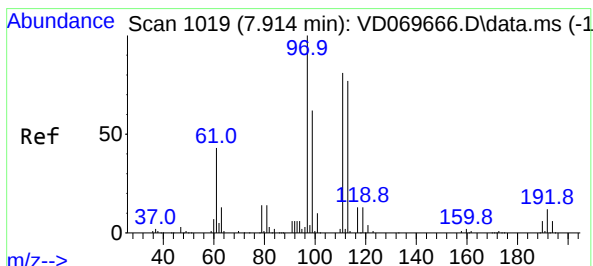
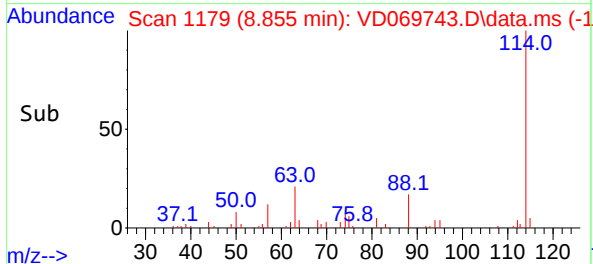
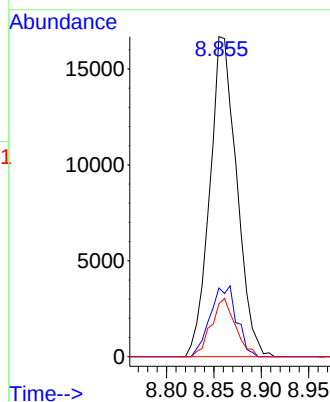
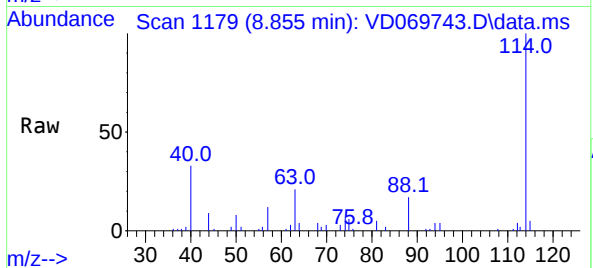


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521

Tgt Ion:114 Resp: 32999

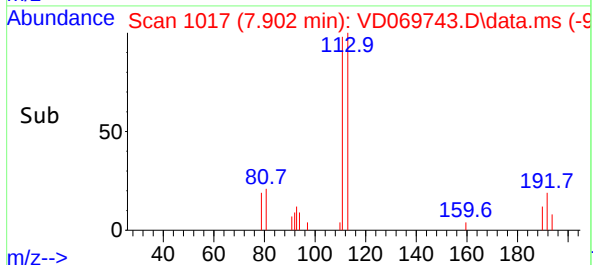
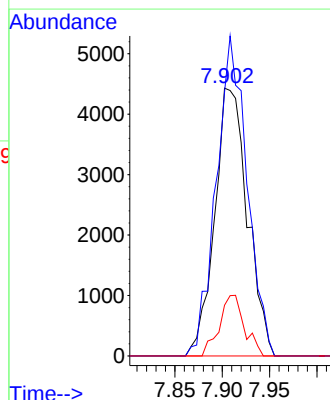
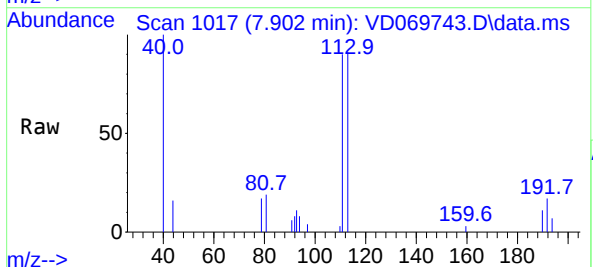
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	43.4
88	16.6	0.0	32.0

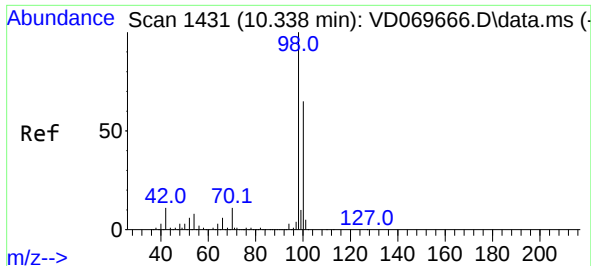


#35
Dibromofluoromethane
Concen: 48.269 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

Tgt Ion:113 Resp: 10686

Ion	Ratio	Lower	Upper
113	100		
111	112.0	82.6	123.8
192	17.3	12.7	19.1

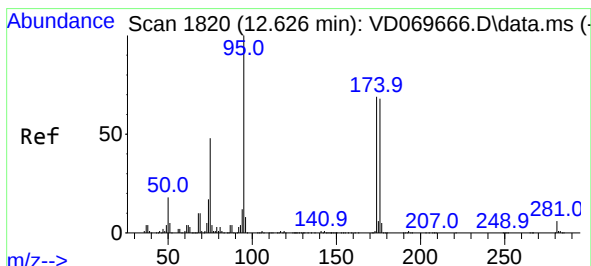
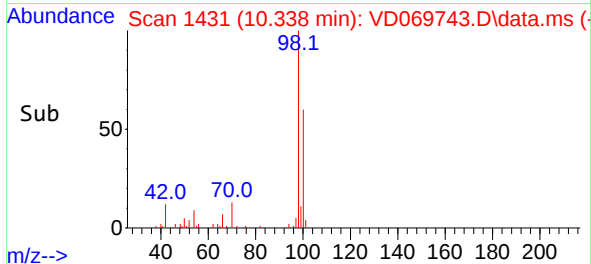
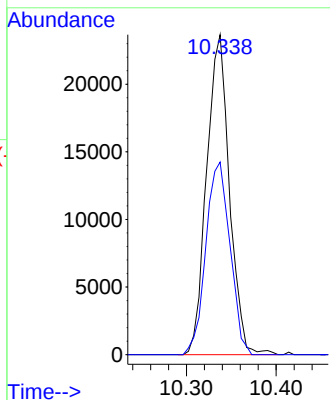
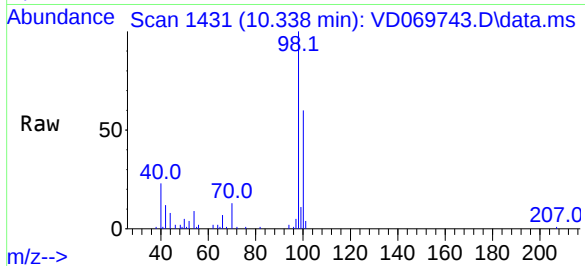




#50
Toluene-d8
Concen: 48.607 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

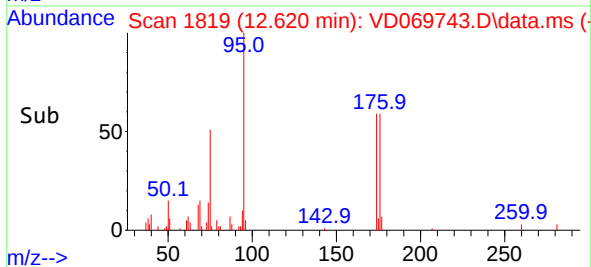
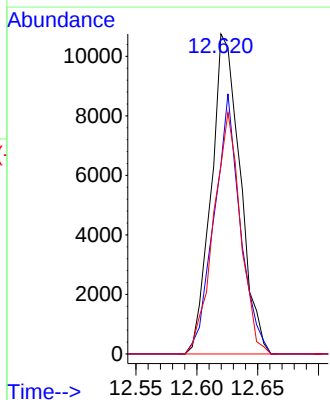
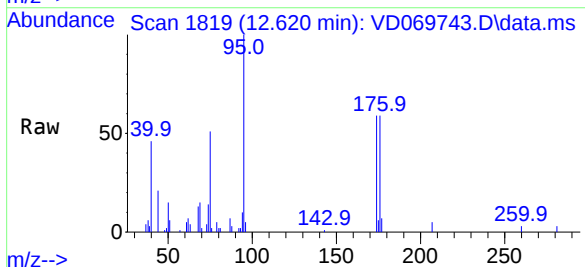
Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521

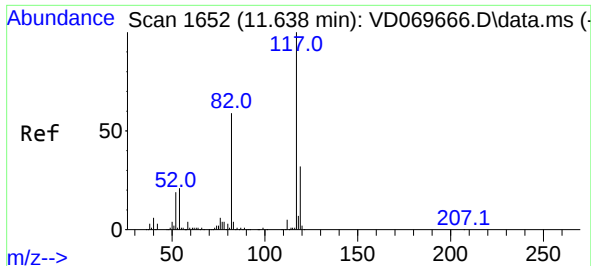
Tgt Ion: 98 Resp: 41806
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 62.027 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

Tgt Ion: 95 Resp: 17792
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.0
176 70.3 0.0 136.2

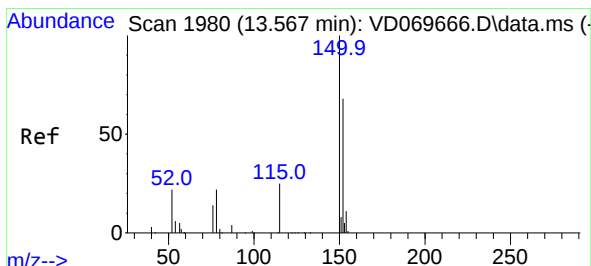
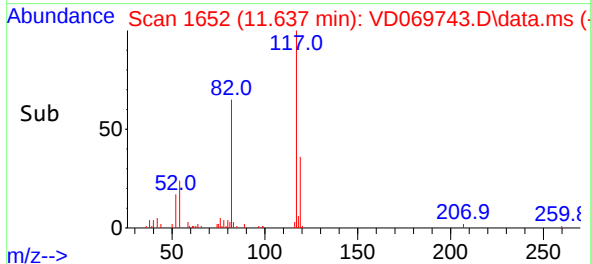
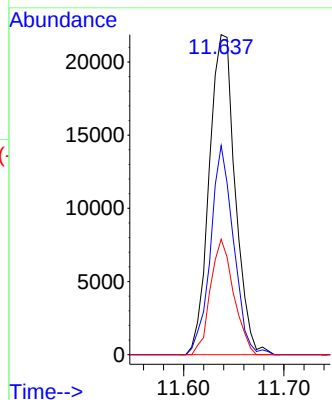
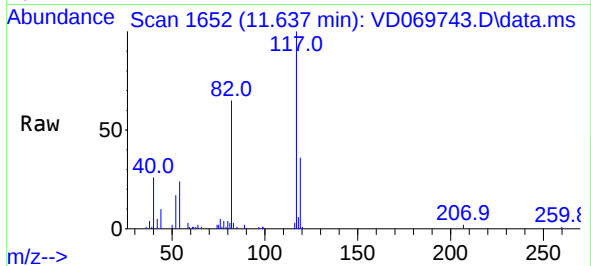




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

Instrument :
MSVOA_D
ClientSampleId :
TR-04-071521

Tgt Ion:	117	Resp:	39406
Ion	Ratio	Lower	Upper
117	100		
82	65.4	47.4	71.2
119	36.0	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069743.D
Acq: 19 Jul 2021 11:06

Tgt Ion:	152	Resp:	17398
Ion	Ratio	Lower	Upper
152	100		
115	68.7	31.7	95.1
150	157.4	0.0	350.4

