

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070502.D
 Acq On : 28 Sep 2021 15:03
 Operator : VA/SY
 Sample : M3922-05
 Misc : 6.35G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-03-(8-10)

Quant Time: Sep 28 23:42:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	302233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	666446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	727134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	324935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230433	59.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.760%
35) Dibromofluoromethane	7.914	113	244280	51.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.980%
50) Toluene-d8	10.338	98	901624	52.348	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.700%
62) 4-Bromofluorobenzene	12.626	95	325306	54.042	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.080%

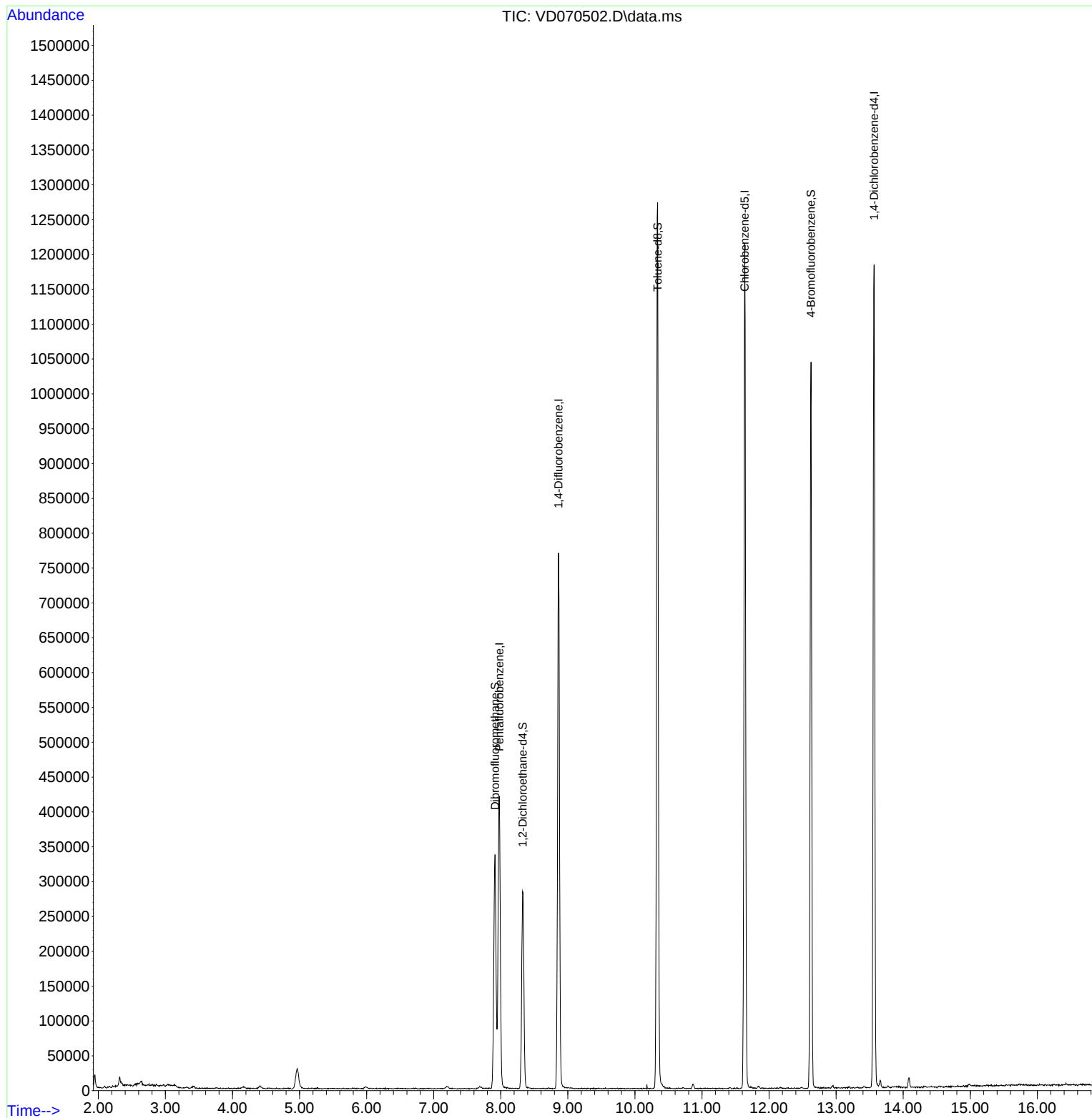
Target Compounds	Qvalue

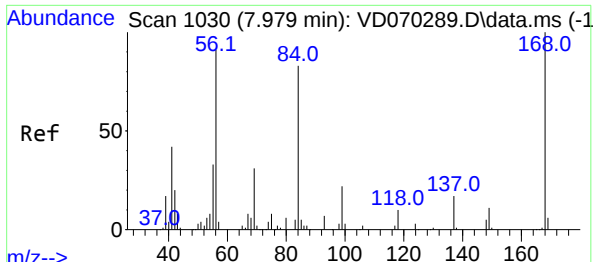
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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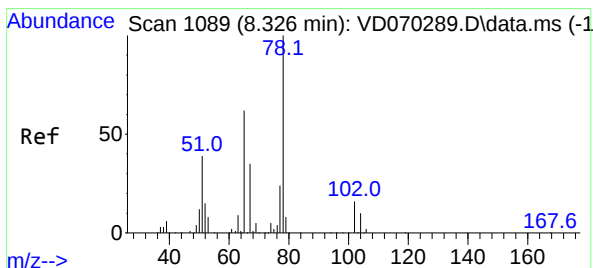
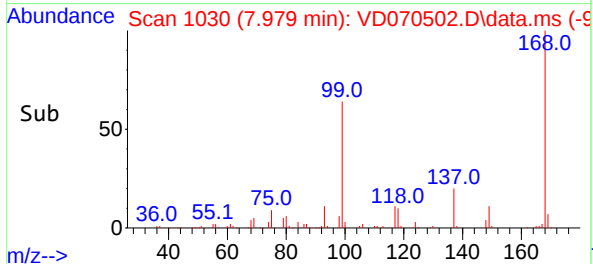
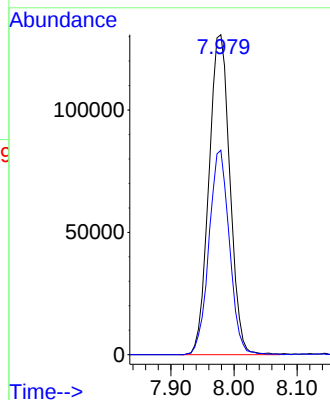
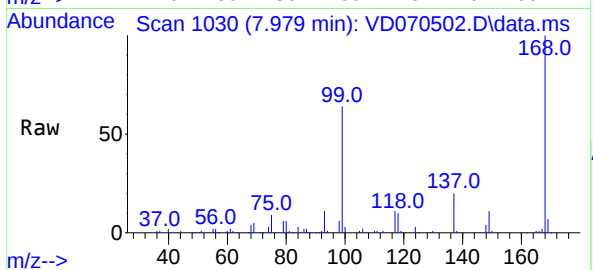




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

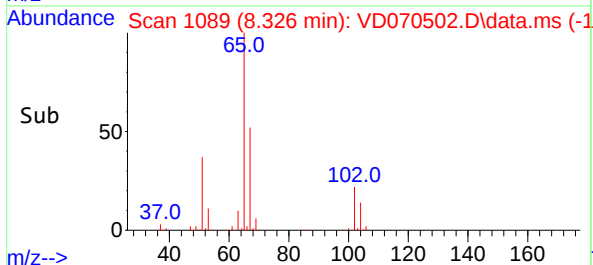
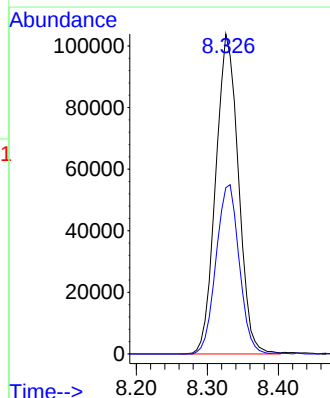
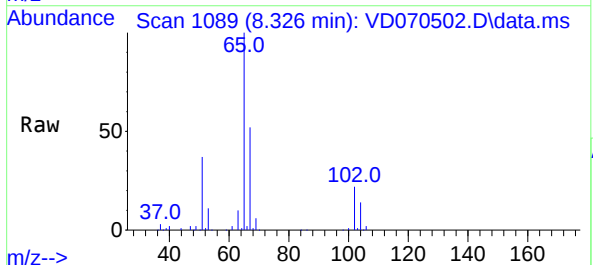
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

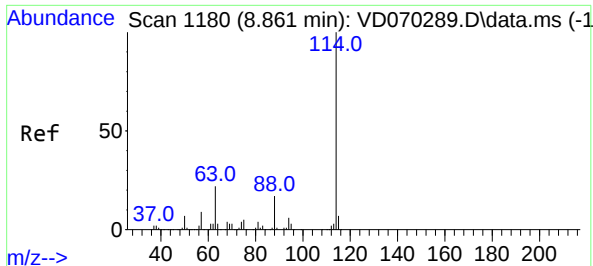
Tgt Ion:168 Resp: 302233
Ion Ratio Lower Upper
168 100
99 63.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 59.379 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 65 Resp: 230433
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.4



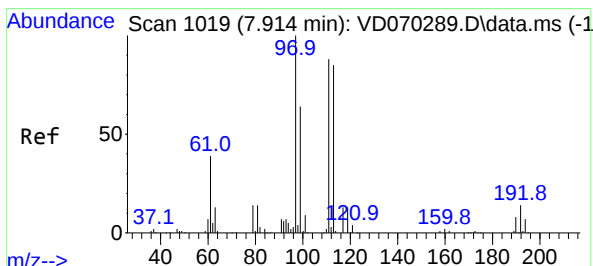
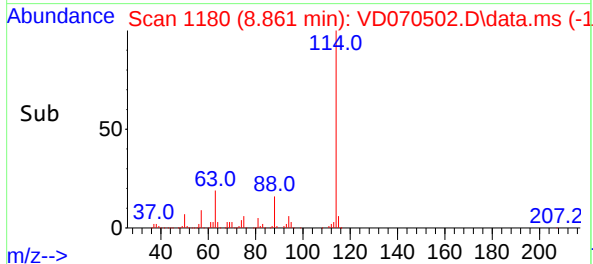
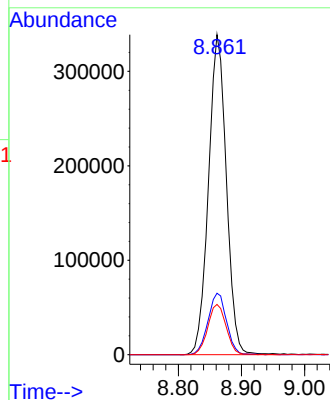
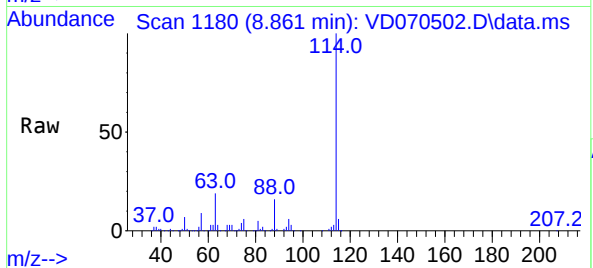


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Instrument :
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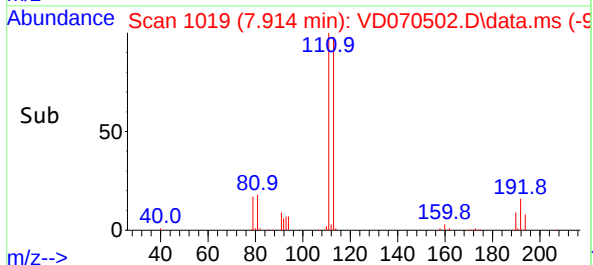
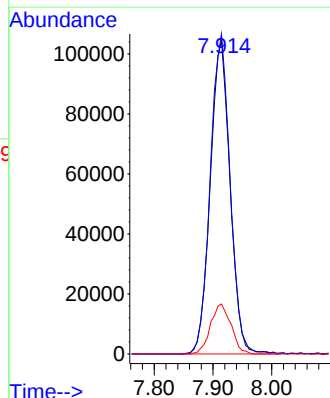
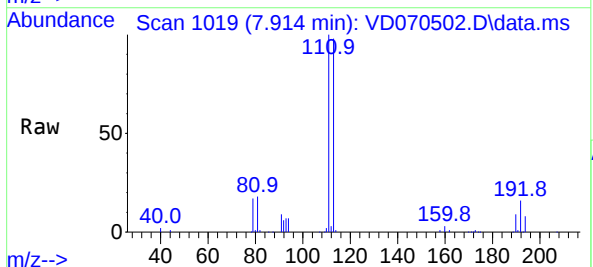
Tgt Ion:	114	Resp:	666446
Ion Ratio	Lower	Upper	
114	100		
63	19.2	0.0	43.4
88	15.7	0.0	33.4

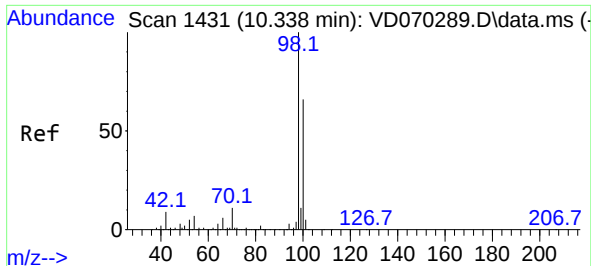


#35

Dibromofluoromethane
Concen: 51.494 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion:	113	Resp:	244280
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.2
192	16.5	13.0	19.6

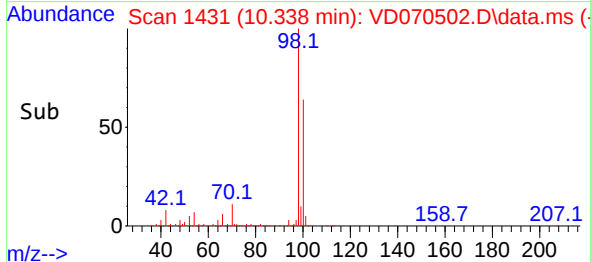
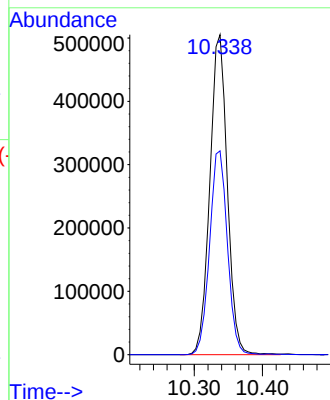
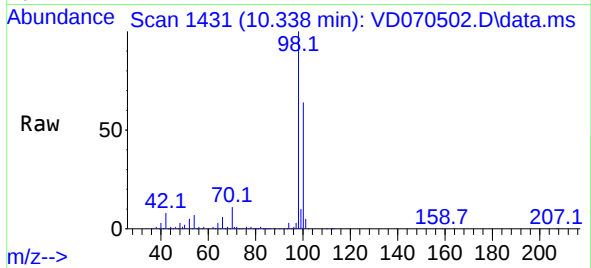




#50
Toluene-d8
Concen: 52.348 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

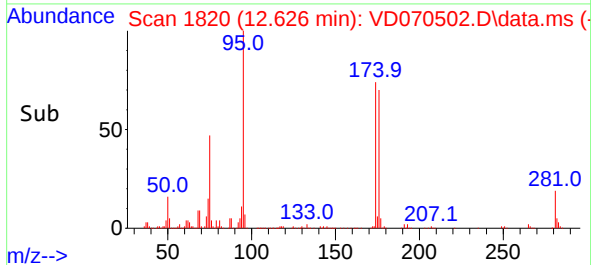
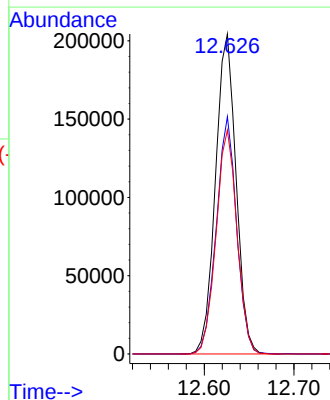
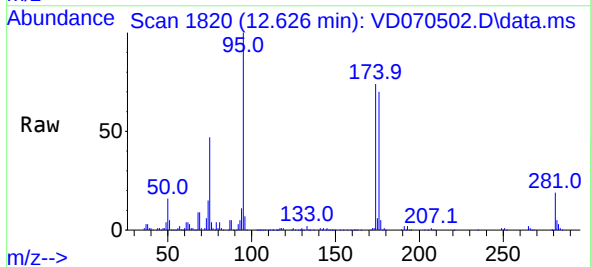
Instrument :
MSVOA_D
ClientSampleId :
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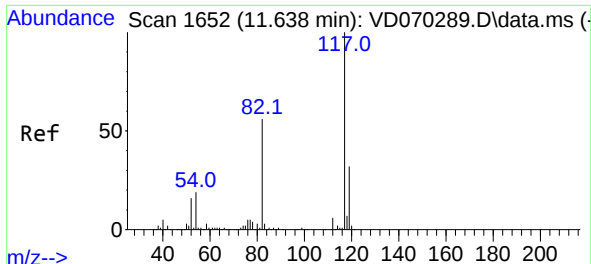
Tgt Ion: 98 Resp: 901624
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.042 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion: 95 Resp: 325306
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 70.8 0.0 137.4

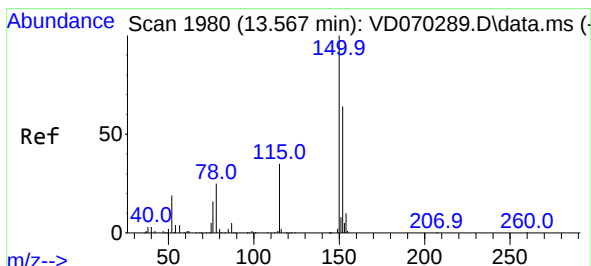
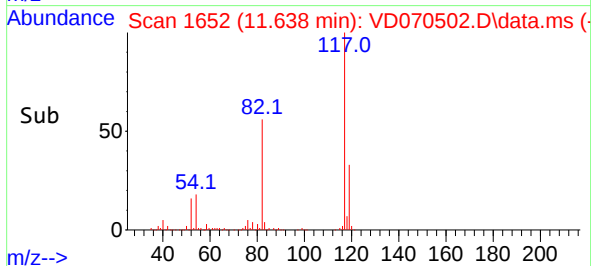
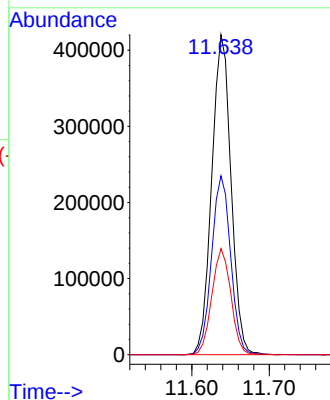
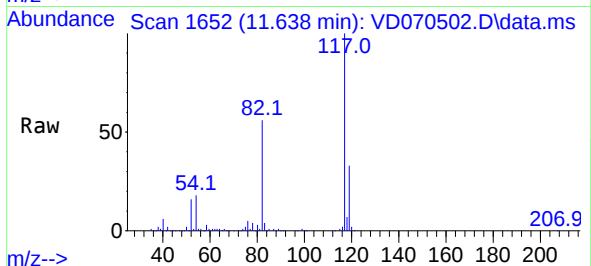




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-03-(8-10)

Tgt Ion:	117	Resp:	727134
Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.0	67.4
119	33.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070502.D
Acq: 28 Sep 2021 15:03

Tgt Ion:	152	Resp:	324935
Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.1	96.3
150	156.1	0.0	350.6

