

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070519.D
 Acq On : 29 Sep 2021 13:27
 Operator : VA/SY
 Sample : M3938-04
 Misc : 6.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-8)

Quant Time: Sep 30 00:44:32 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	345644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	746004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	716291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	257936	58.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.240%
35) Dibromofluoromethane	7.914	113	256127	48.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.460%
50) Toluene-d8	10.338	98	970670	50.346	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.626	95	322331	47.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.680%

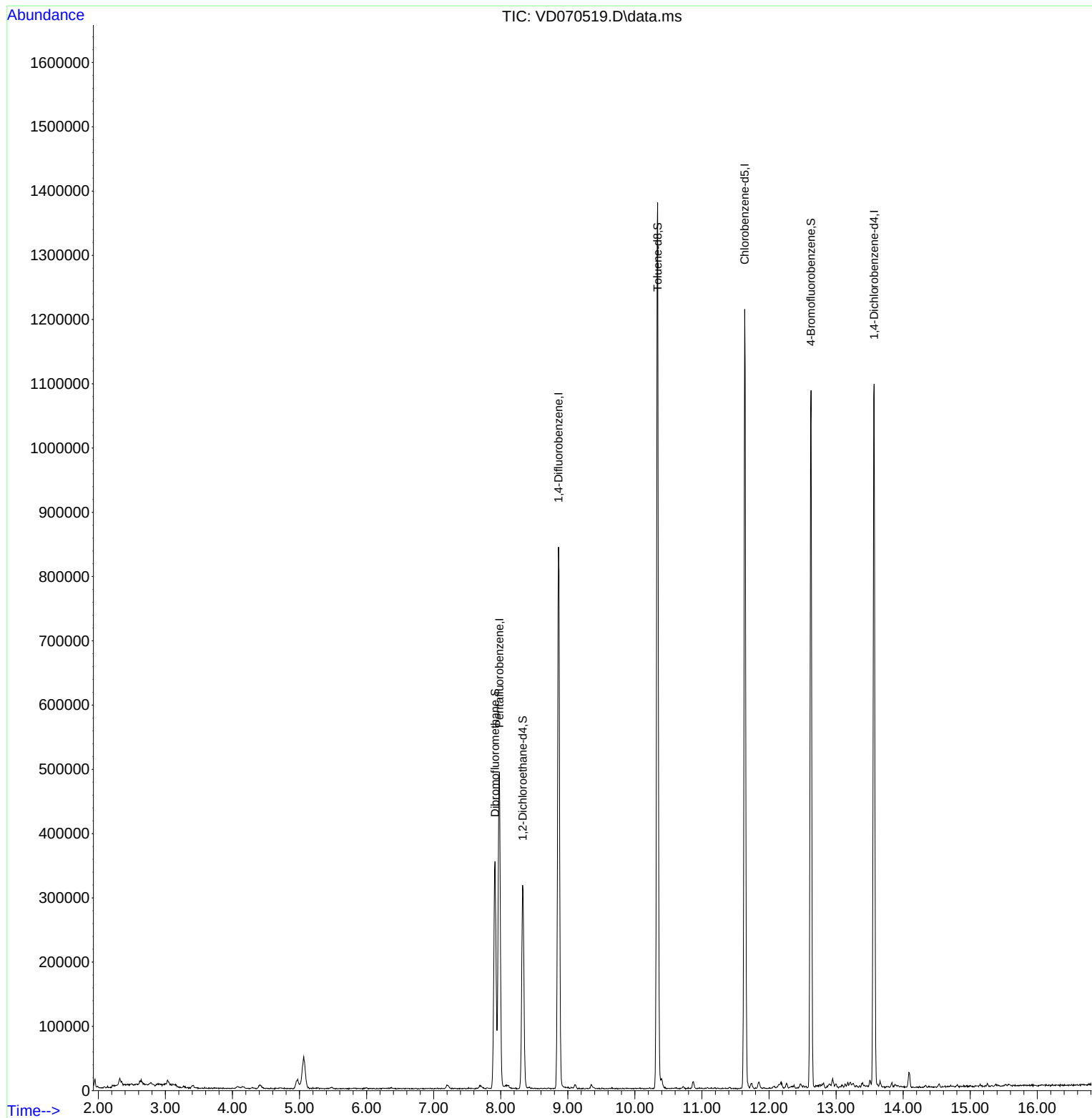
Target Compounds	Qvalue

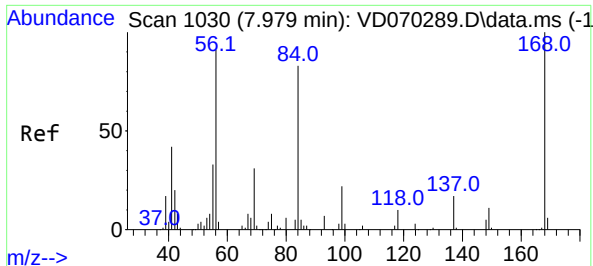
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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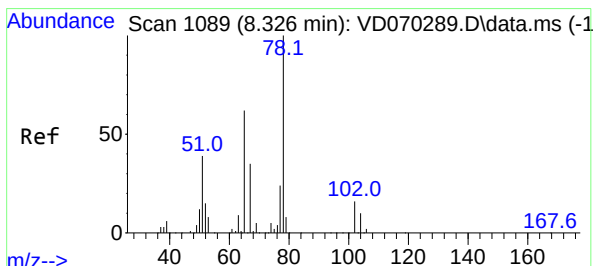
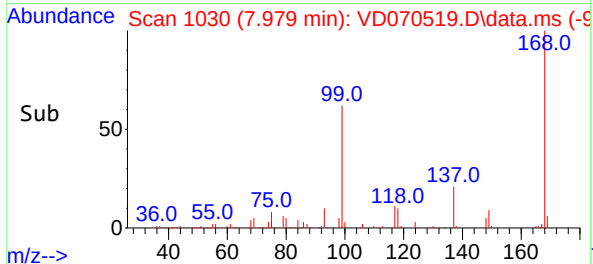
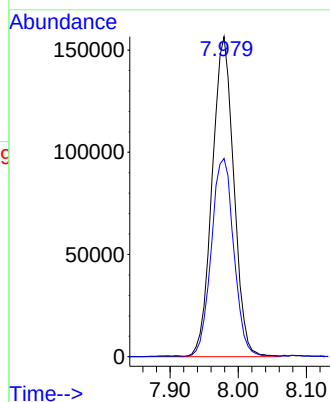
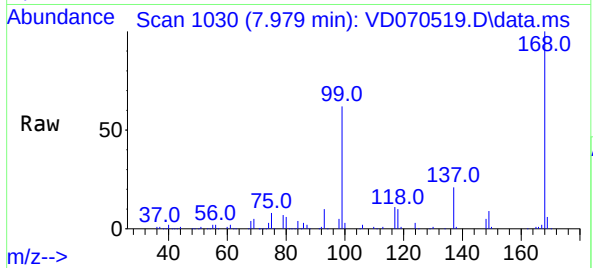




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

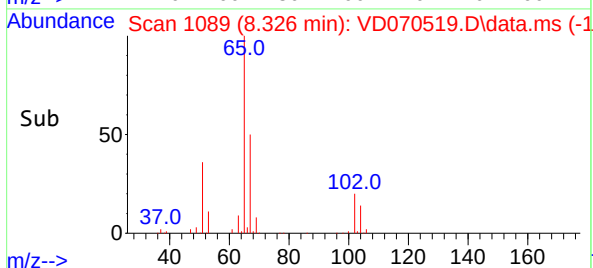
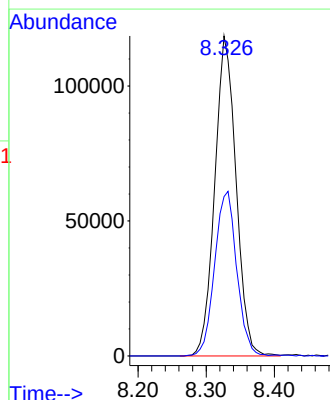
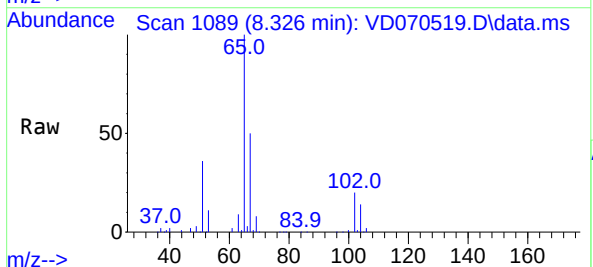
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

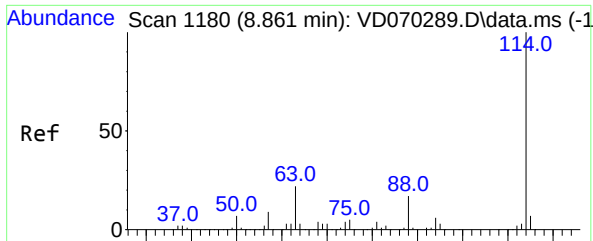
Tgt Ion:168 Resp: 345644
Ion Ratio Lower Upper
168 100
99 61.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 58.118 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion: 65 Resp: 257936
Ion Ratio Lower Upper
65 100
67 53.3 0.0 111.4

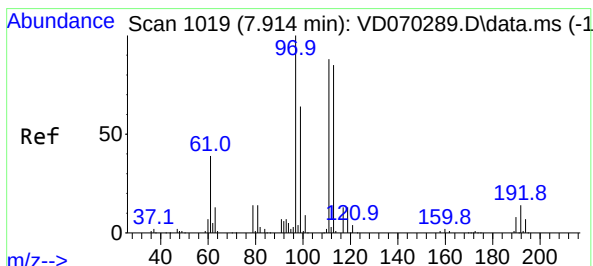
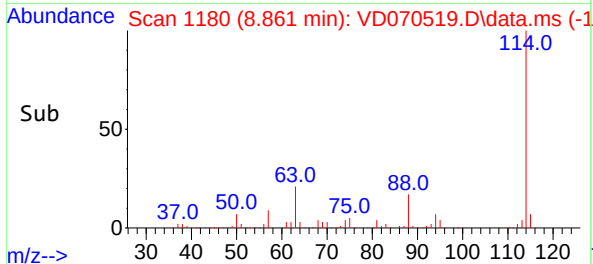
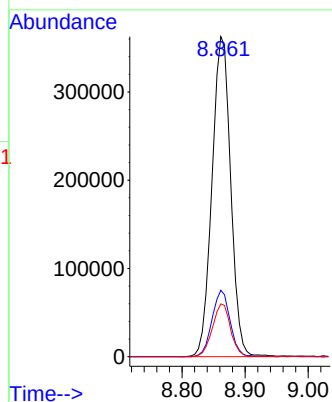
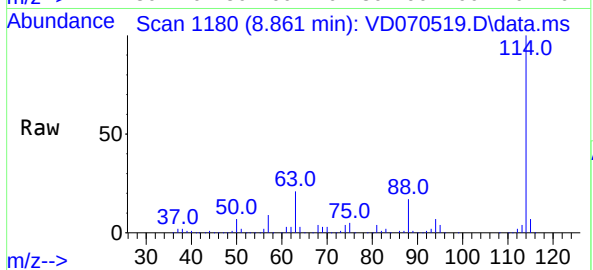




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

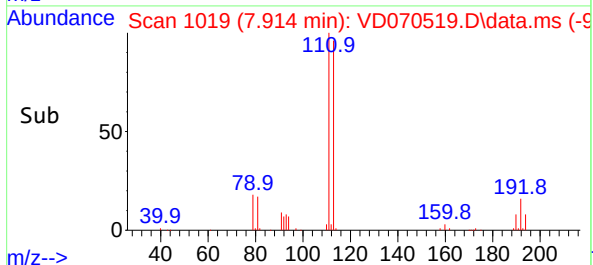
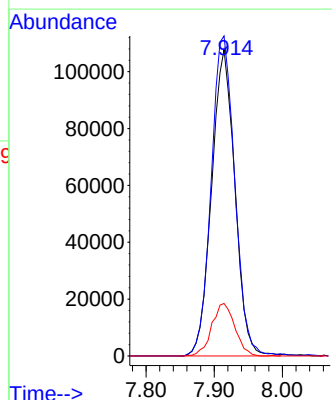
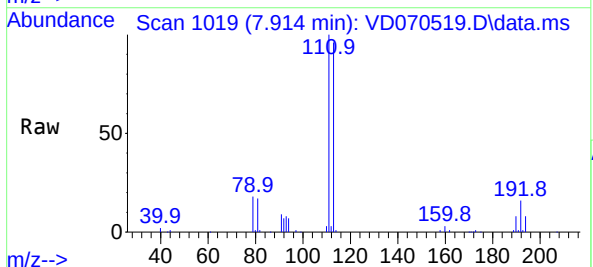
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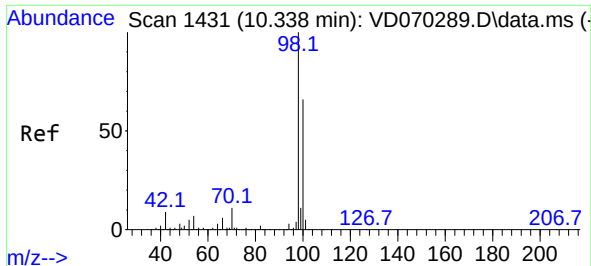
Tgt Ion:114 Resp: 746004
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.233 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion:113 Resp: 256127
Ion Ratio Lower Upper
113 100
111 105.9 81.4 122.2
192 17.0 13.0 19.6

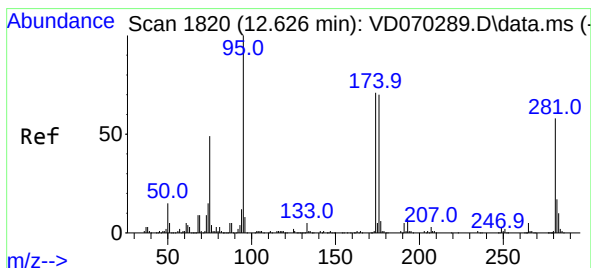
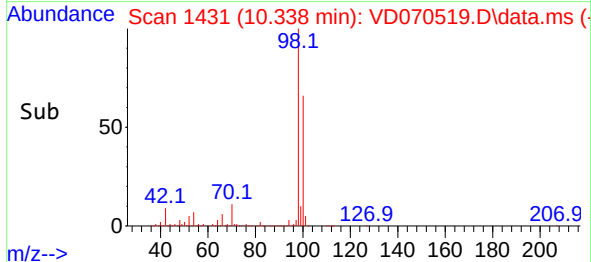
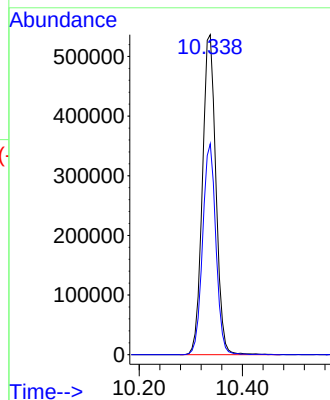
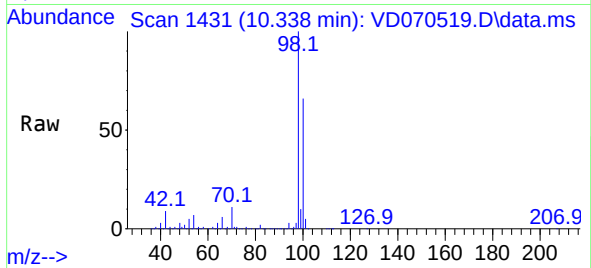




#50
Toluene-d8
Concen: 50.346 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

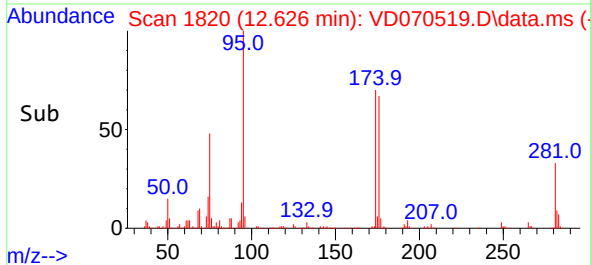
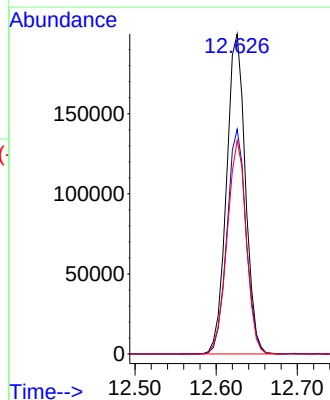
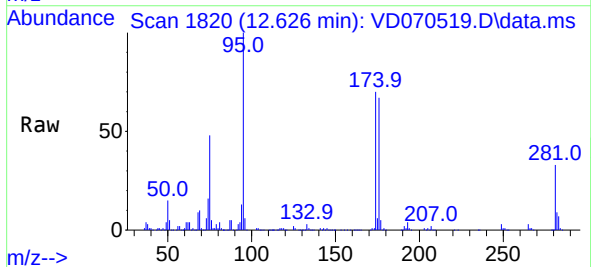
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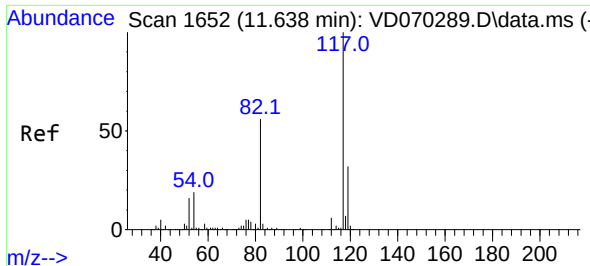
Tgt Ion: 98 Resp: 970670
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.837 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion: 95 Resp: 322331
Ion Ratio Lower Upper
95 100
174 71.1 0.0 140.6
176 67.7 0.0 137.4

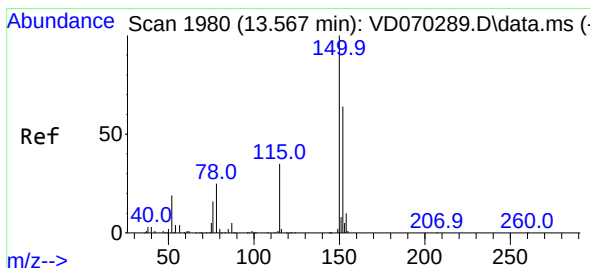
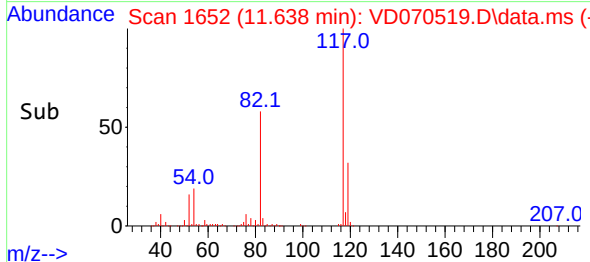
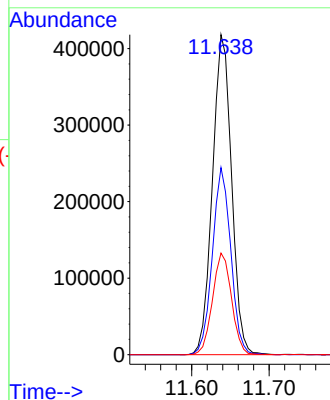
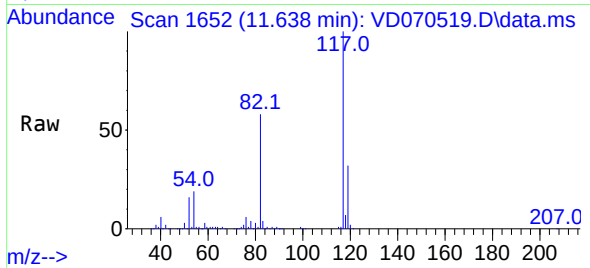




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070519.D
Acq: 29 Sep 2021 13:27

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-8)

Tgt Ion:	117	Resp:	716291
Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.0	67.4
119	31.7	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: VD070519.D
Acq: 29 Sep 2021 13:27

Tgt Ion:	152	Resp:	304712
Ion	Ratio	Lower	Upper
152	100		
115	62.1	32.1	96.3
150	156.3	0.0	350.6

