

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070721\
 Data File : VD069606.D
 Acq On : 07 Jul 2021 14:11
 Operator : VA/SY
 Sample : M2926-04
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jul 08 01:05:55 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	7.979	168	5790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	10165	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.638	117	9512	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	3012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	5210	72.189	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.380%	
35) Dibromofluoromethane	7.909	113	3038	44.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.420%	
50) Toluene-d8	10.338	98	12836	49.802	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.626	95	4038	47.655	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.320%	

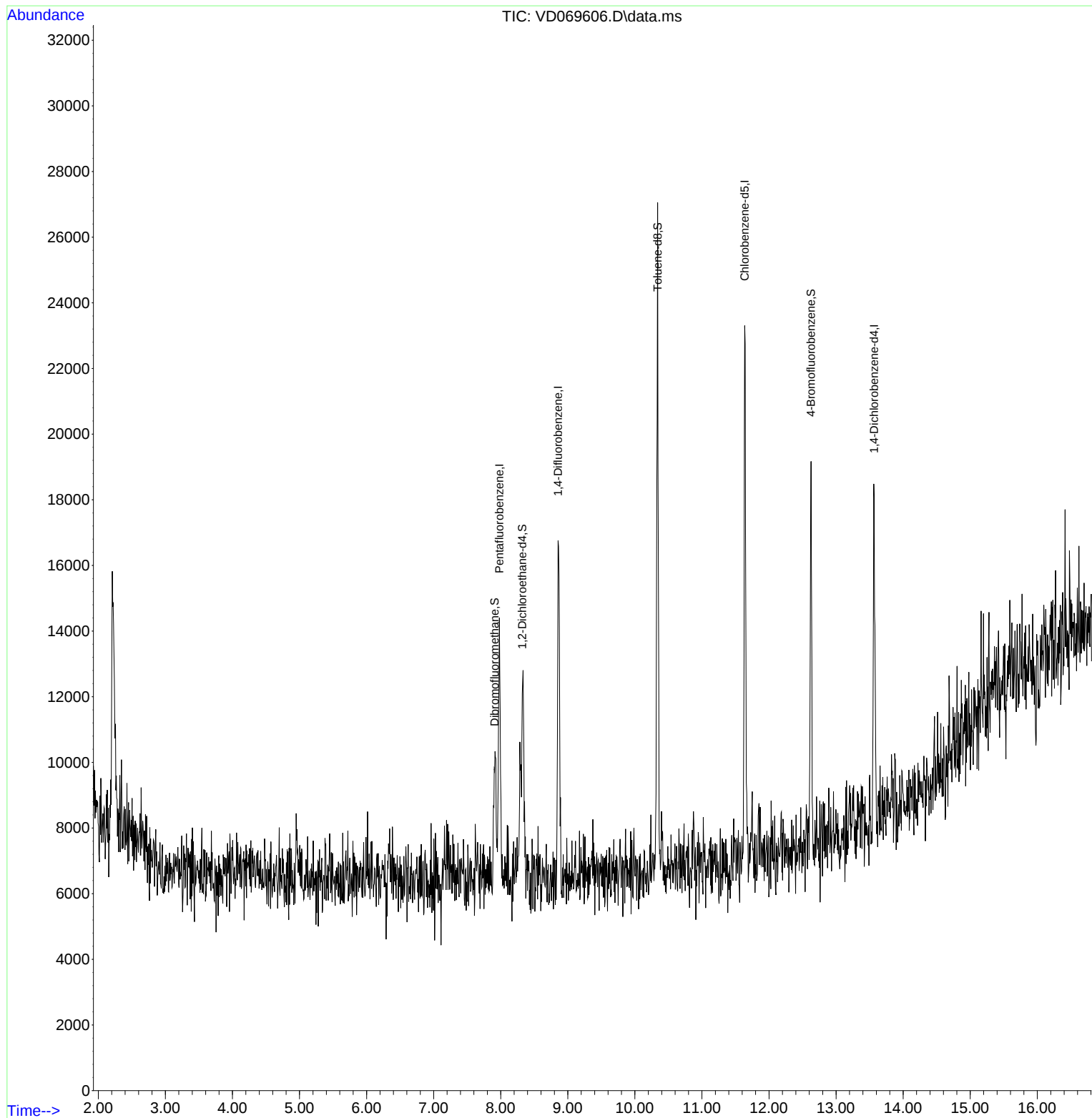
Target Compounds	Qvalue

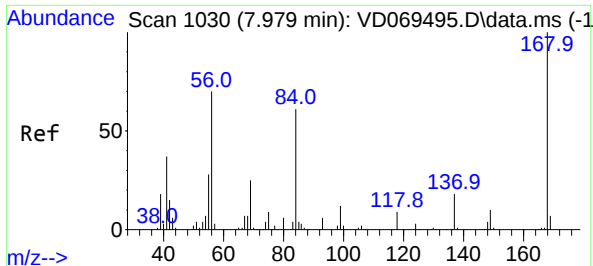
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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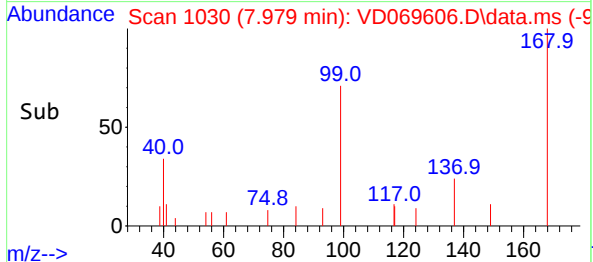
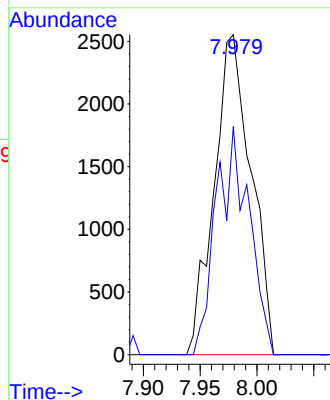
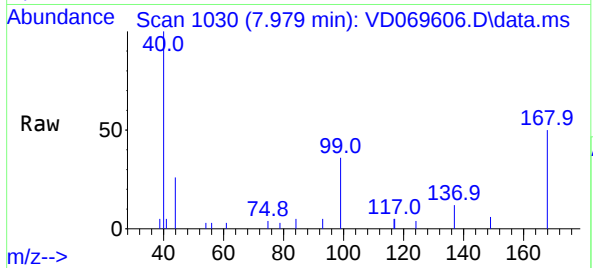




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

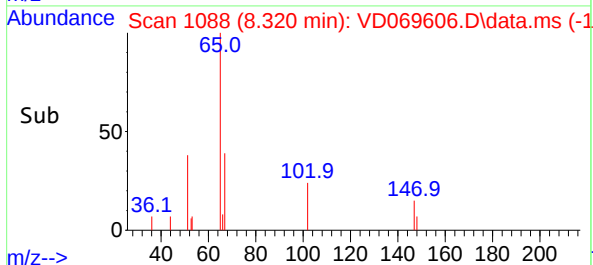
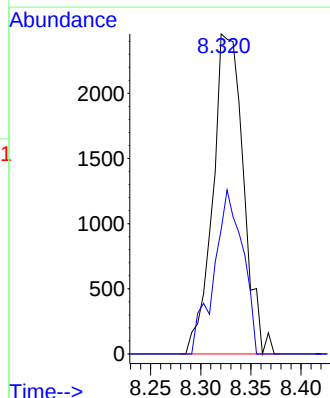
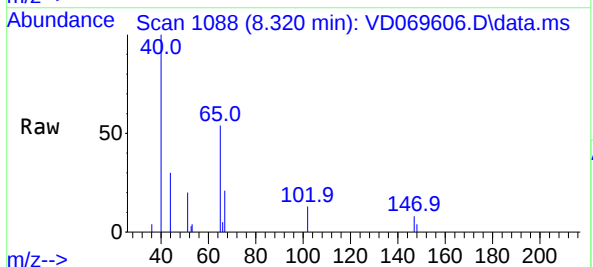
Instrument :
MSVOA_D
ClientSampled :
TP-2

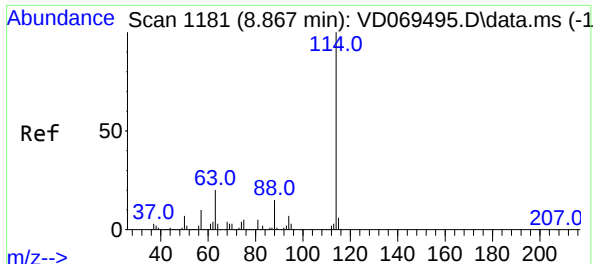
Tgt Ion:168 Resp: 5790
Ion Ratio Lower Upper
168 100
99 71.3 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 72.189 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

Tgt Ion: 65 Resp: 5210
Ion Ratio Lower Upper
65 100
67 48.3 0.0 105.6



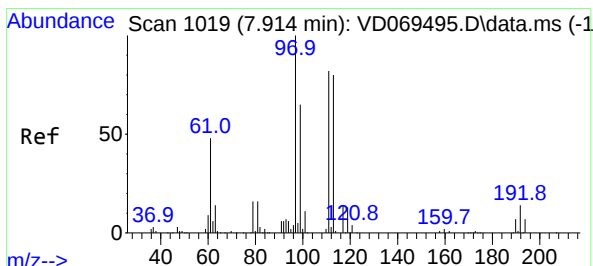
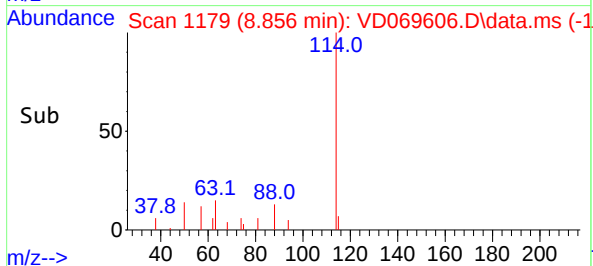
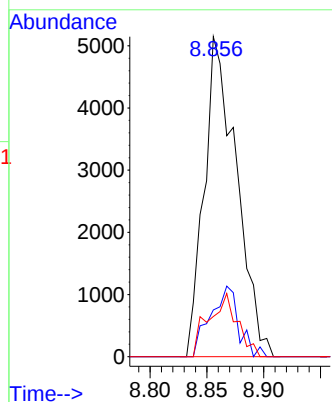
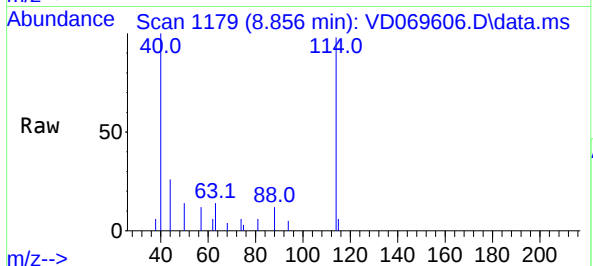


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.011 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

Instrument :
MSVOA_D
ClientSampled :
TP-2

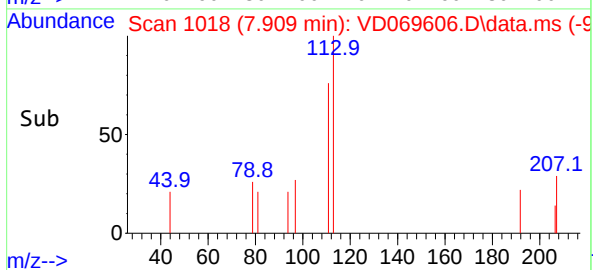
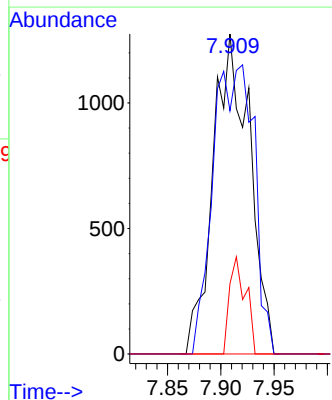
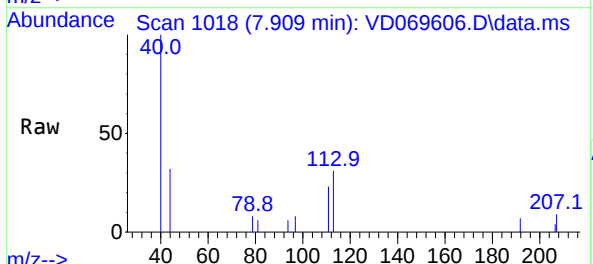
Tgt Ion:114	Resp:	10165
Ion Ratio	Lower	Upper
114	100	
63	14.6	0.0 39.6
88	12.6	0.0 29.8

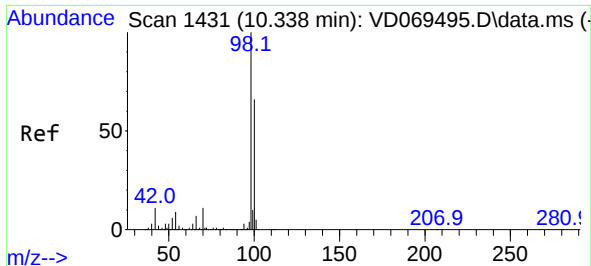


#35

Dibromofluoromethane
Concen: 44.213 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

Tgt Ion:113	Resp:	3038
Ion Ratio	Lower	Upper
113	100	
111	49.4	81.8 122.8#
192	13.4	13.8 20.6#

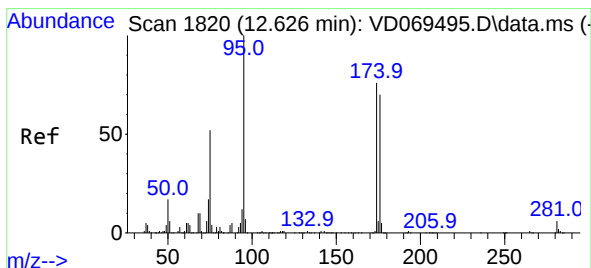
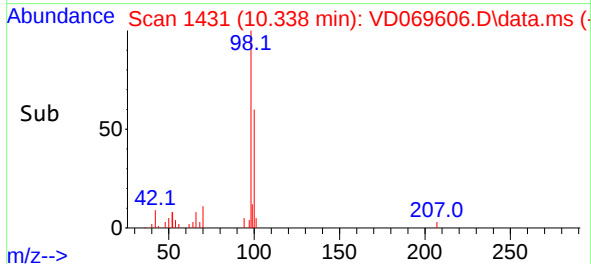
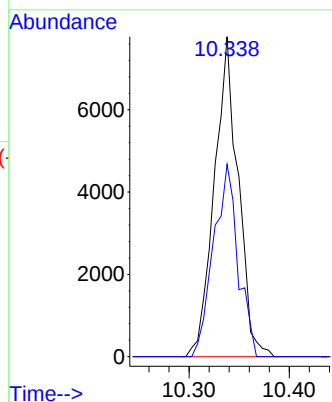
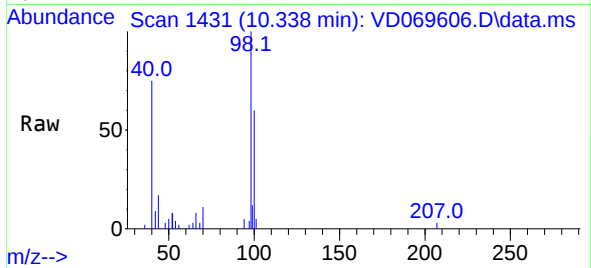




#50
Toluene-d8
Concen: 49.802 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

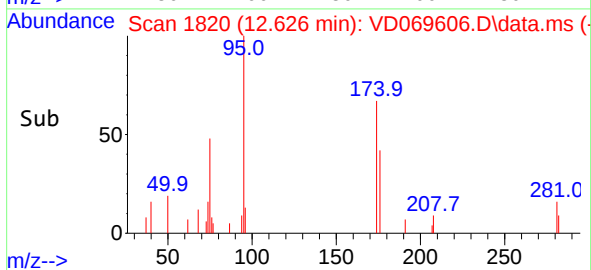
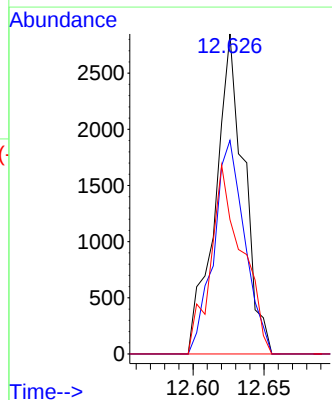
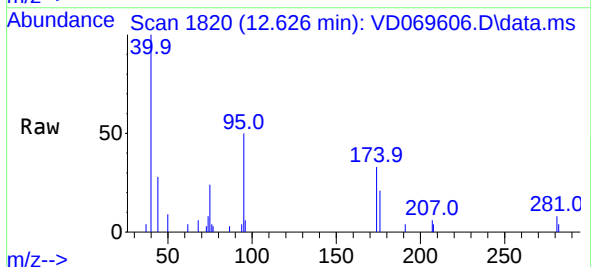
Instrument :
MSVOA_D
ClientSampled :
TP-2

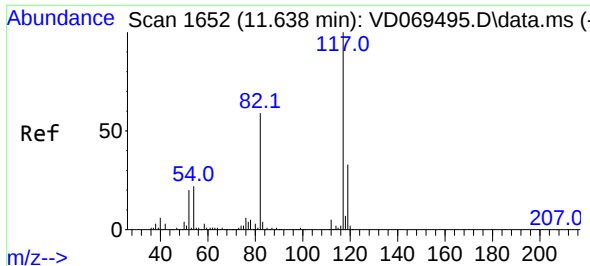
Tgt Ion: 98 Resp: 12836
Ion Ratio Lower Upper
98 100
100 61.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.655 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

Tgt Ion: 95 Resp: 4038
Ion Ratio Lower Upper
95 100
174 71.6 0.0 148.0
176 64.0 0.0 139.8

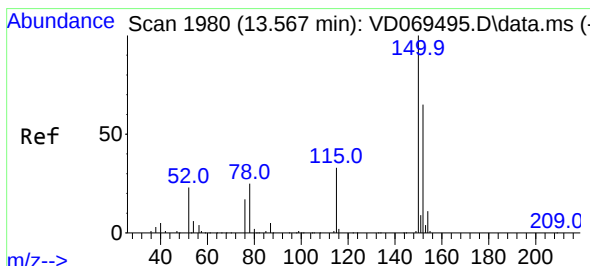
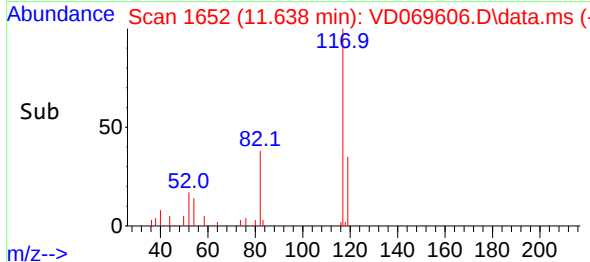
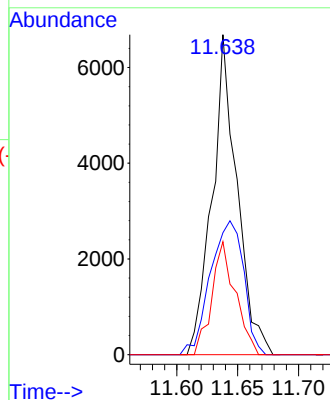
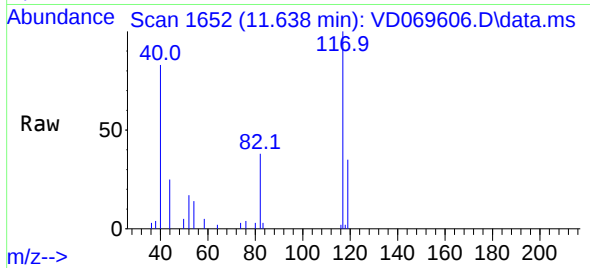




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:	117	Resp:	9512
Ion	Ratio	Lower	Upper
117	100		
82	38.1	46.8	70.2#
119	35.3	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069606.D
Acq: 07 Jul 2021 14:11

Tgt Ion:	152	Resp:	3012
Ion	Ratio	Lower	Upper
152	100		
115	75.2	31.7	95.1
150	164.2	0.0	350.8

