

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070620.D
 Acq On : 07 Oct 2021 16:44
 Operator : VA/SY
 Sample : M4113-09
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Oct 08 04:53:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	82233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	144184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	155920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	65013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	79739	82.39	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.78%#
35) Dibromofluoromethane	7.909	113	65881	68.72	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.44%
50) Toluene-d8	10.332	98	181333	49.48	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.96%
62) 4-Bromofluorobenzene	12.626	95	61296	50.04	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.08%

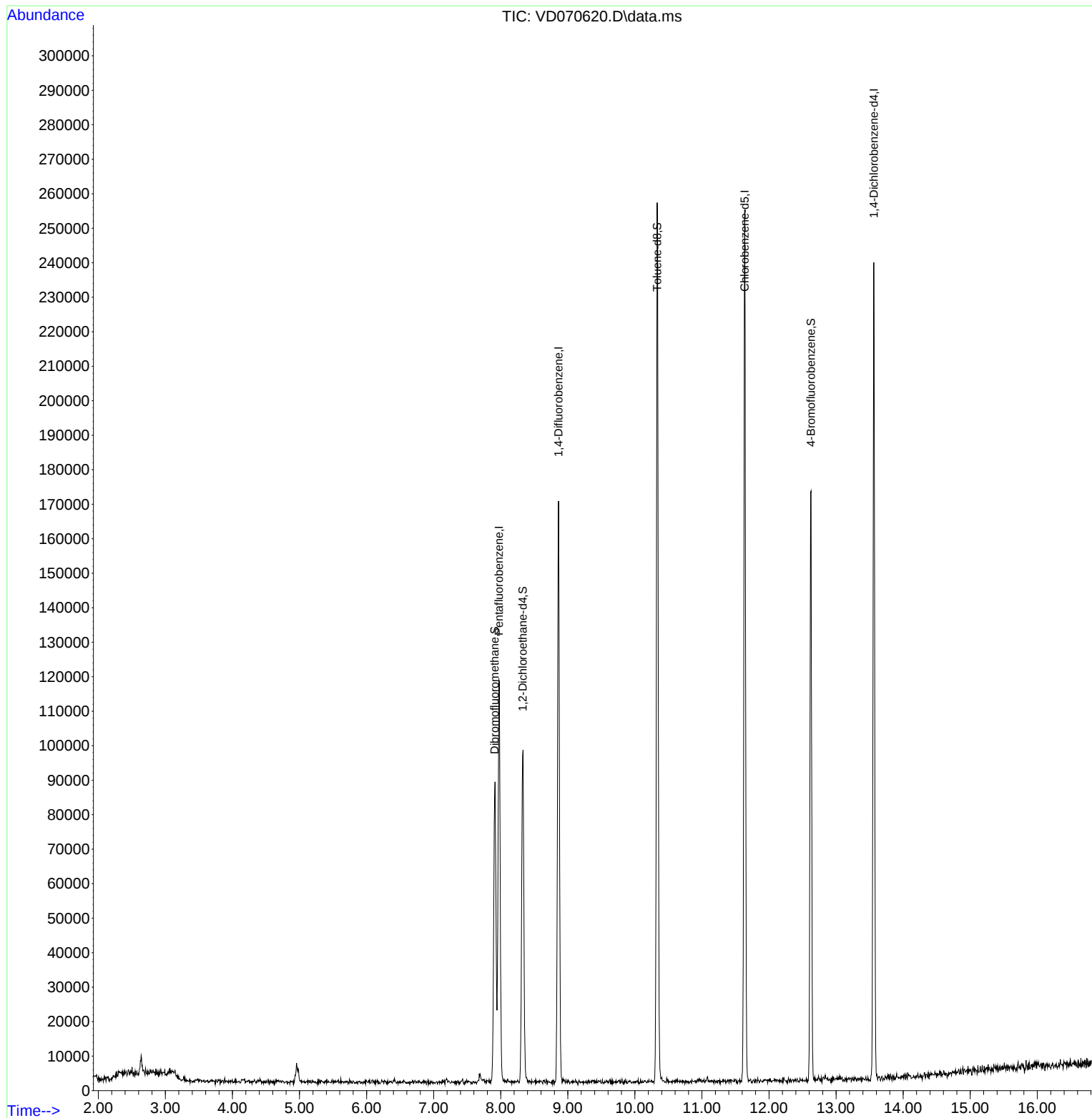
Target Compounds	Qvalue

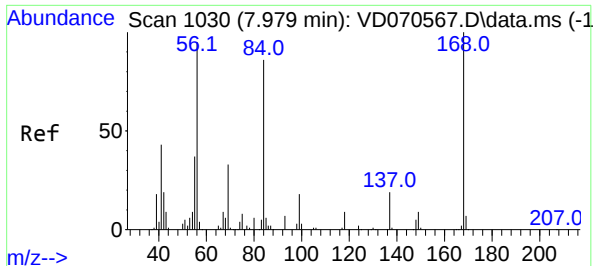
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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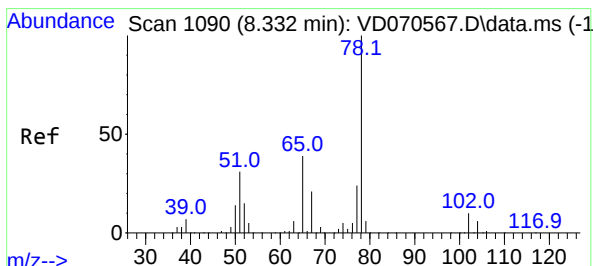
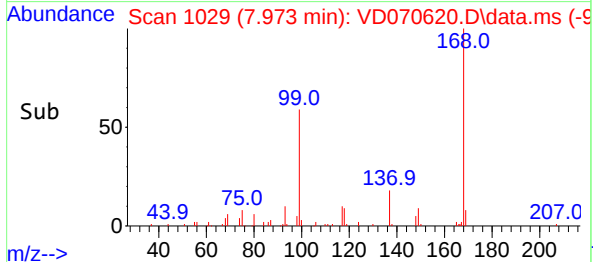
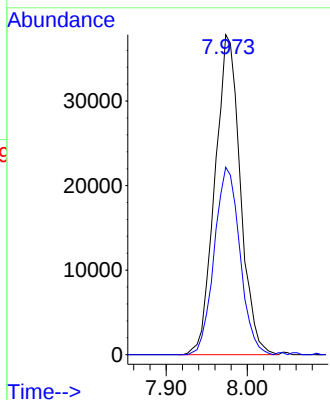
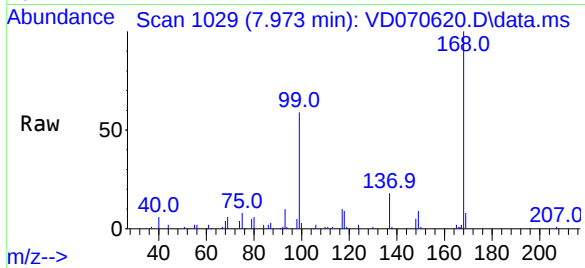




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

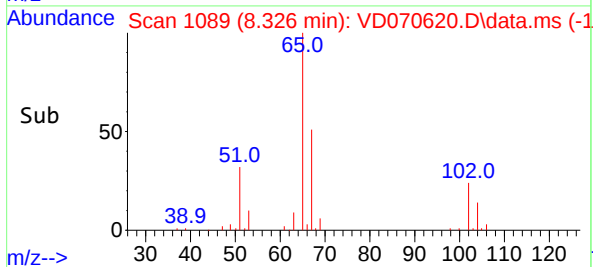
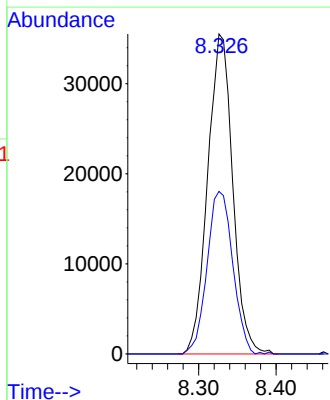
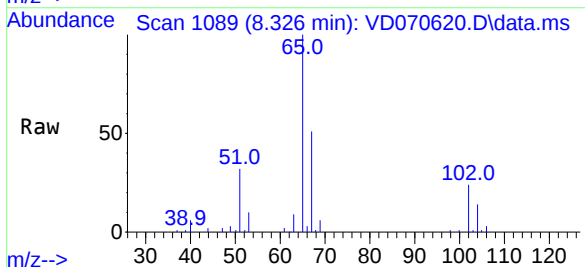
Instrument :
MSVOA_D
ClientSampled :
TP-5

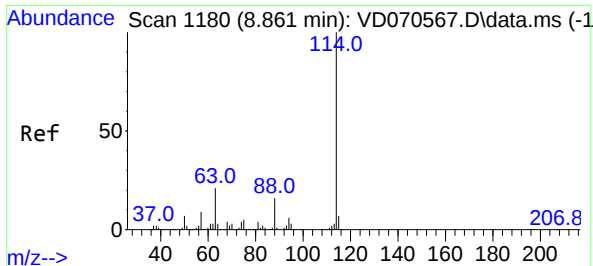
Tgt Ion:168 Resp: 82233
Ion Ratio Lower Upper
168 100
99 58.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 82.39 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

Tgt Ion: 65 Resp: 79739
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.2



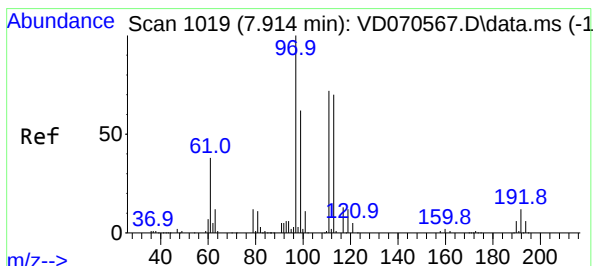
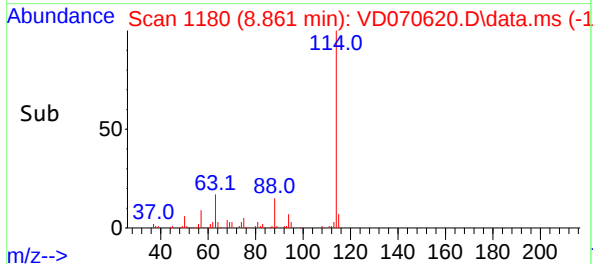
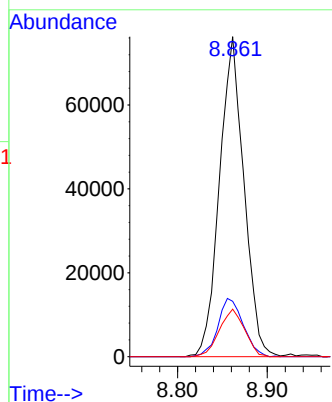
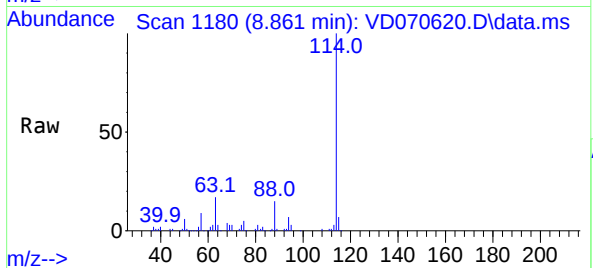


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

Instrument :
MSVOA_D
ClientSampled :
TP-5

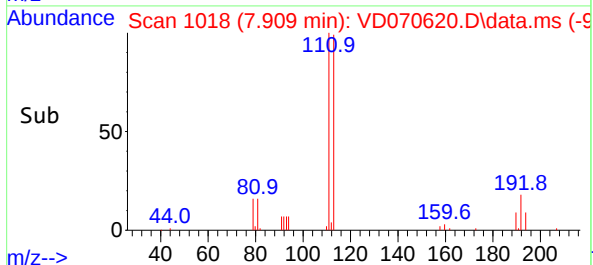
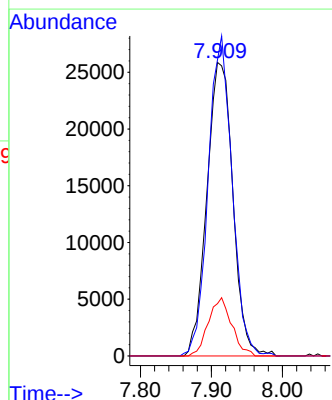
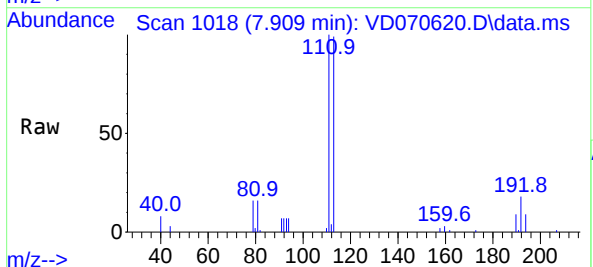
Tgt Ion:114	Resp:	144184
Ion Ratio	Lower	Upper
114	100	
63	17.3	0.0 41.8
88	14.9	0.0 32.6

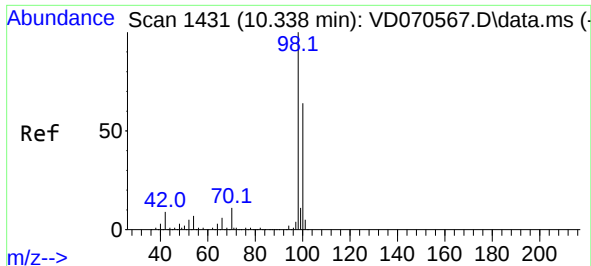


#35

Dibromofluoromethane
Concen: 68.72 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

Tgt Ion:113	Resp:	65881
Ion Ratio	Lower	Upper
113	100	
111	100.0	83.1 124.7
192	17.8	12.7 19.1

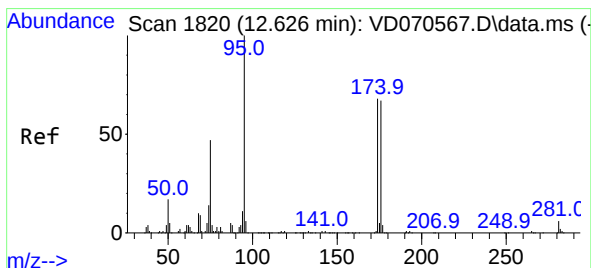
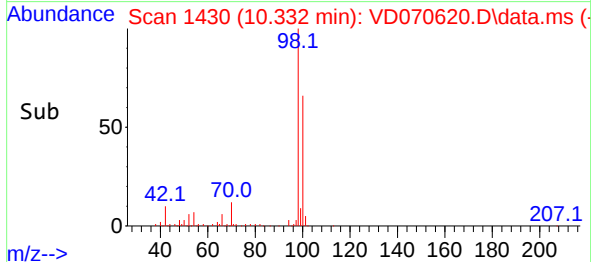
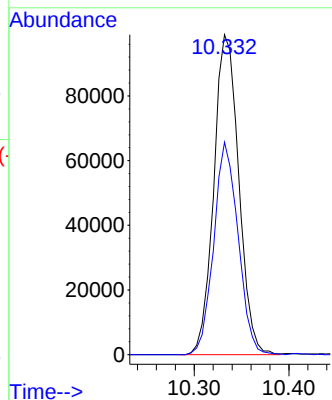
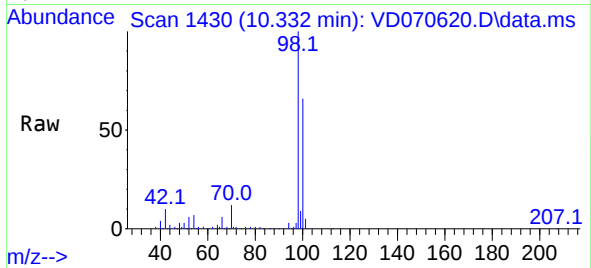




#50
Toluene-d8
Concen: 49.48 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

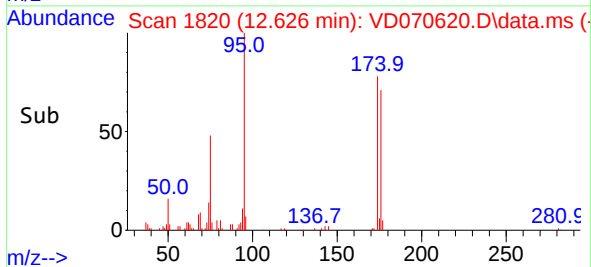
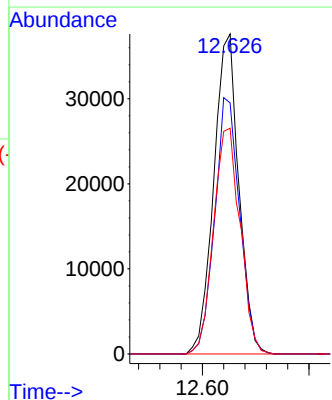
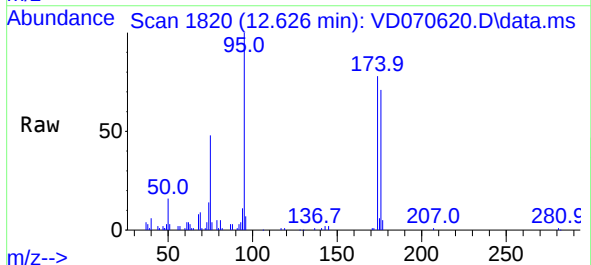
Instrument :
MSVOA_D
ClientSampleId :
TP-5

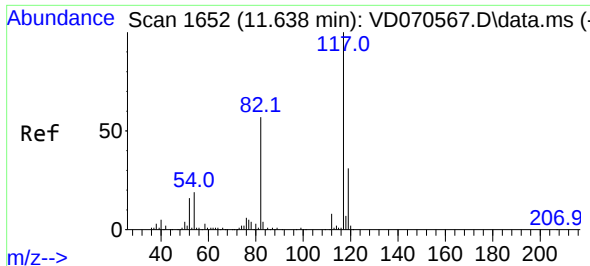
Tgt Ion: 98 Resp: 181333
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.04 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

Tgt Ion: 95 Resp: 61296
Ion Ratio Lower Upper
95 100
174 80.2 0.0 138.0
176 74.9 0.0 135.6

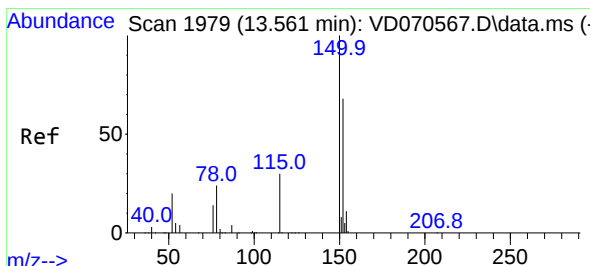
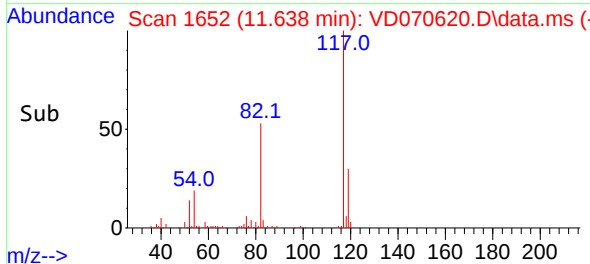
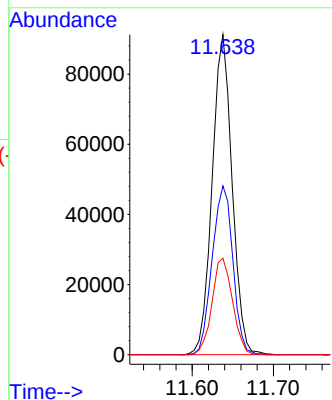
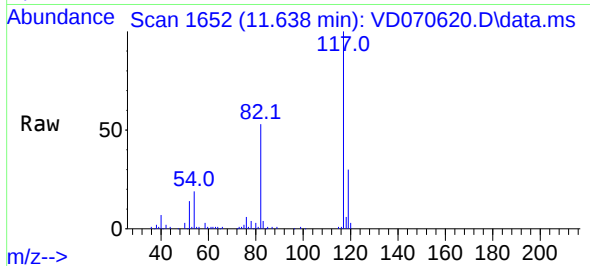




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

Instrument :
MSVOA_D
ClientSampled :
TP-5

Tgt Ion:	117	Resp:	155920
Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.4	68.2
119	30.2	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070620.D
Acq: 07 Oct 2021 16:44

Tgt Ion:	152	Resp:	65013
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.9	95.7
150	156.6	0.0	350.0

