

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070253.D
 Acq On : 25 Aug 2021 16:09
 Operator : VA/SY
 Sample : M3524-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-2

Quant Time: Aug 26 02:45:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	24300	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	36710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	38857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	16484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	25578	89.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.980%#	
35) Dibromofluoromethane	7.914	113	14755	62.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.420%	
50) Toluene-d8	10.338	98	45450	49.270	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.626	95	16118	53.049	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.100%	

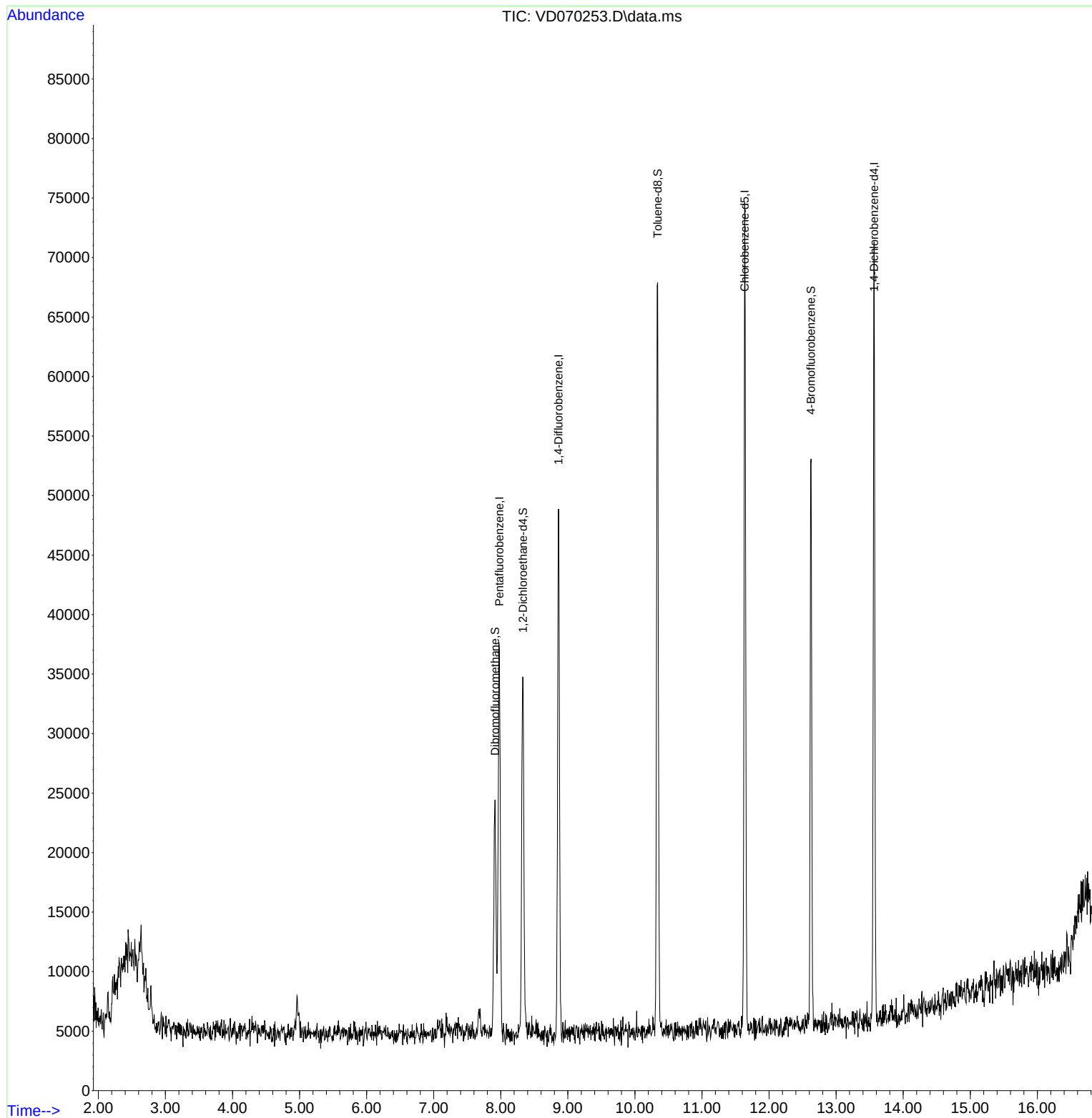
Target Compounds	Qvalue

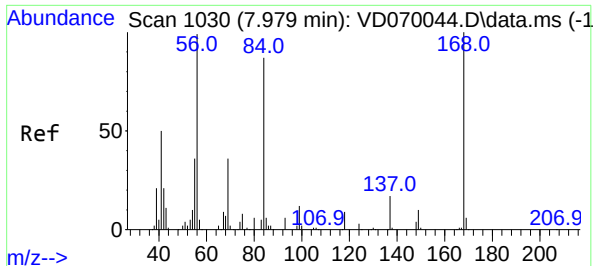
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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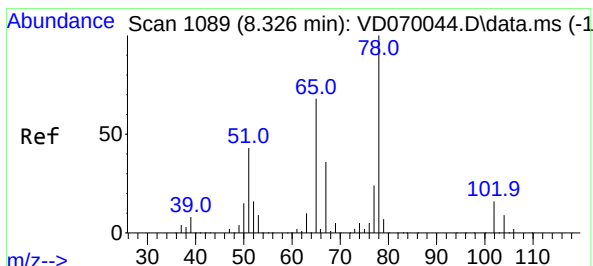
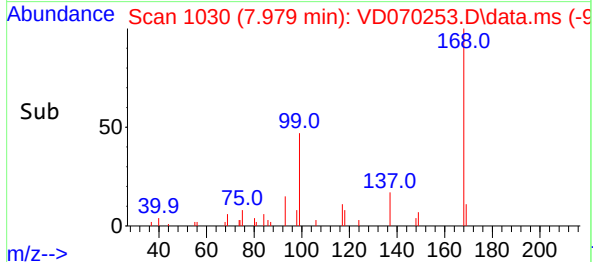
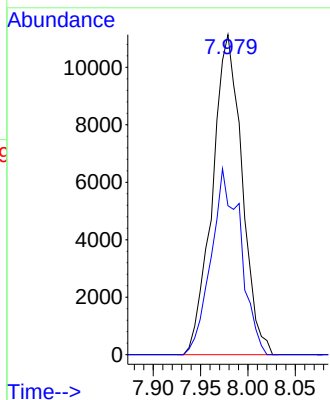
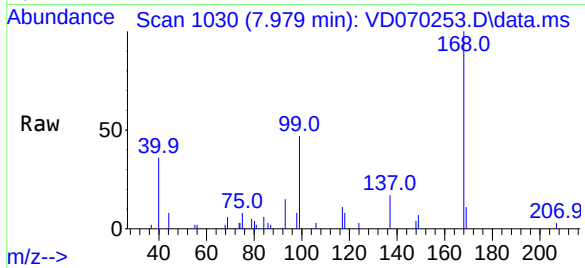




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

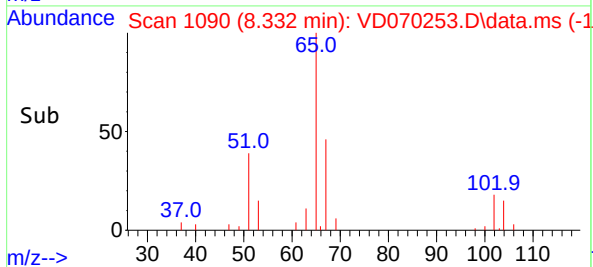
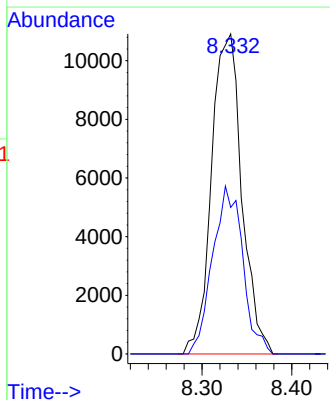
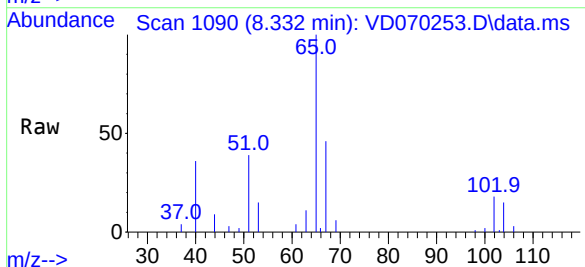
Instrument :
MSVOA_D
ClientSampled :
PE-2

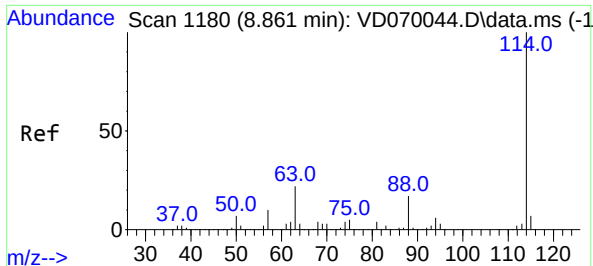
Tgt Ion:168 Resp: 24300
Ion Ratio Lower Upper
168 100
99 46.5 50.3 75.5#



#33
1,2-Dichloroethane-d4
Concen: 89.494 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

Tgt Ion: 65 Resp: 25578
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.8



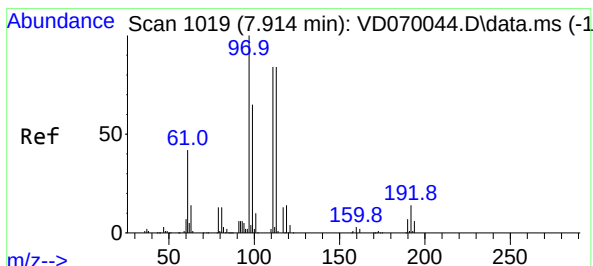
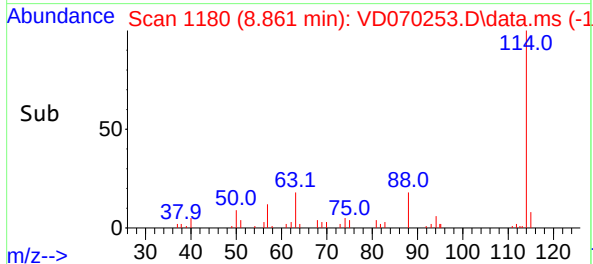
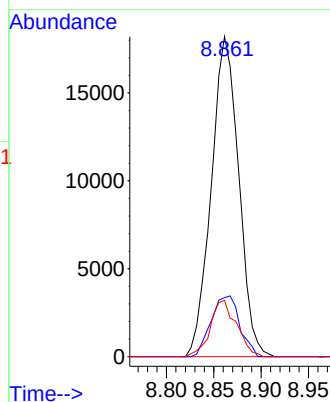
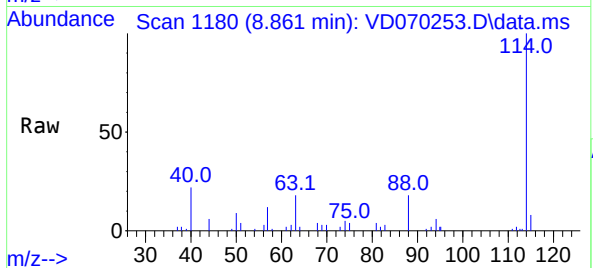


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

Instrument :
MSVOA_D
ClientSampled :
PE-2

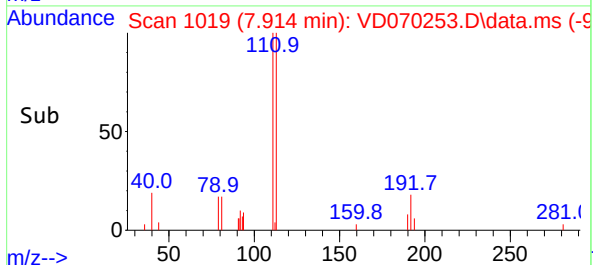
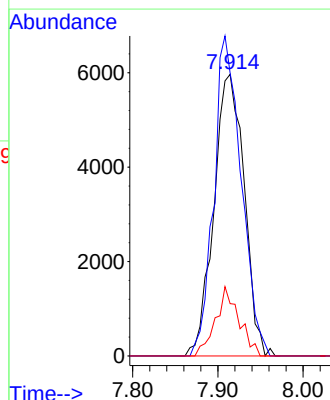
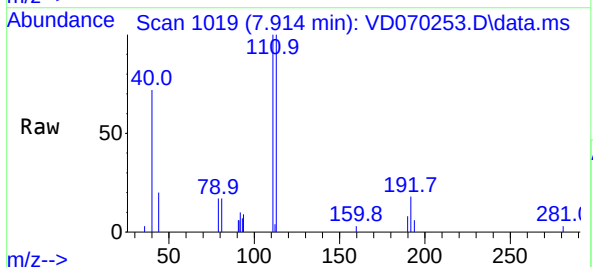
Tgt Ion:	114	Resp:	36710
Ion Ratio	Lower	Upper	
114	100		
63	18.5	0.0	43.6
88	17.6	0.0	33.4

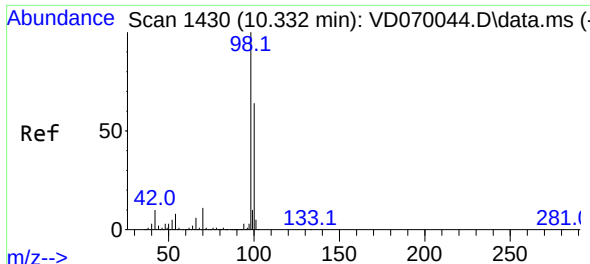


#35

Dibromofluoromethane
Concen: 62.213 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

Tgt Ion:	113	Resp:	14755
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.8	122.6
192	19.0	13.2	19.8

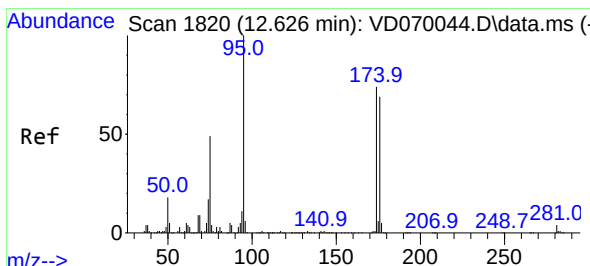
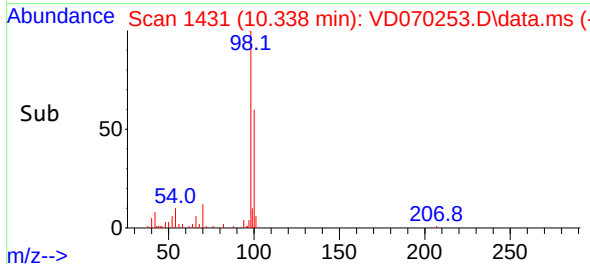
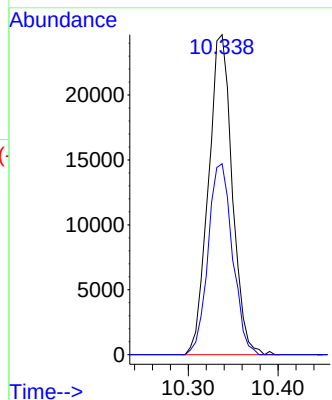
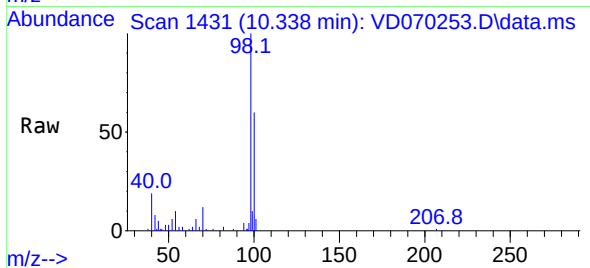




#50
Toluene-d8
Concen: 49.270 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

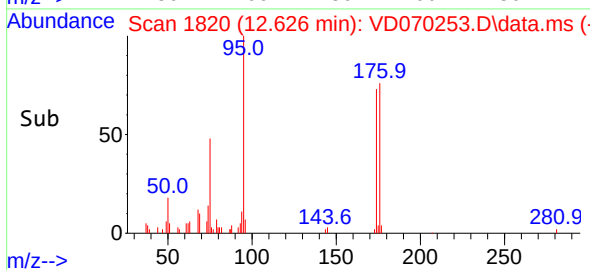
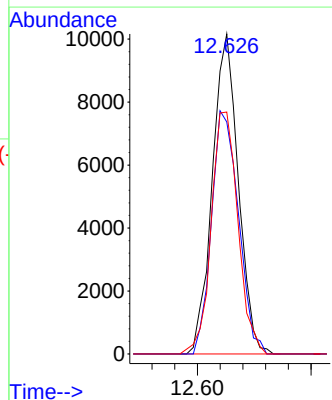
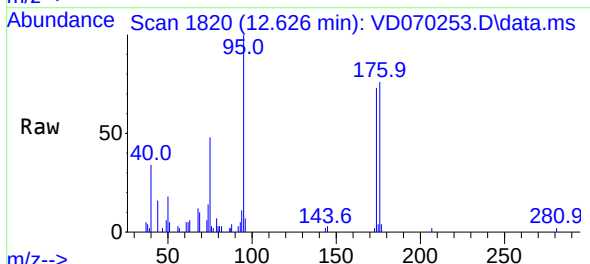
Instrument :
MSVOA_D
ClientSampled :
PE-2

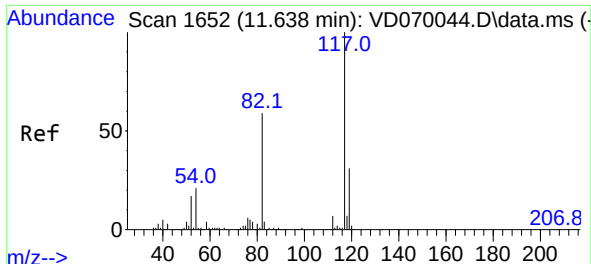
Tgt Ion: 98 Resp: 45450
Ion Ratio Lower Upper
98 100
100 61.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.049 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

Tgt Ion: 95 Resp: 16118
Ion Ratio Lower Upper
95 100
174 78.9 0.0 141.6
176 77.8 0.0 138.2

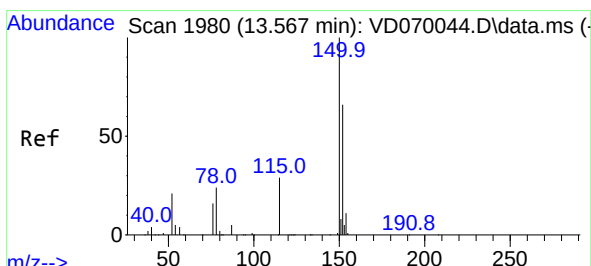
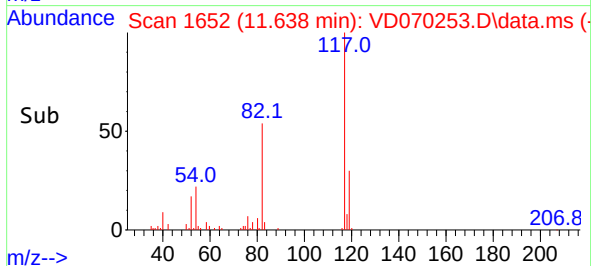
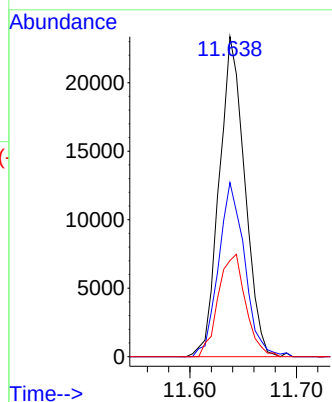
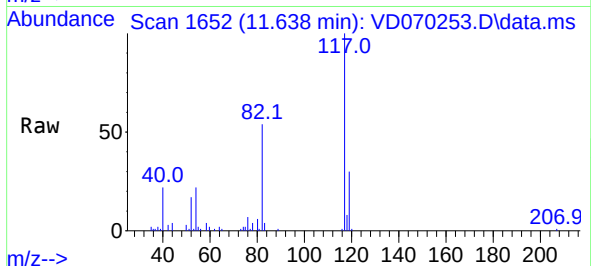




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

Instrument :
MSVOA_D
ClientSampled :
PE-2

Tgt Ion:	117	Resp:	38857
Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.5	71.3
119	30.0	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070253.D
Acq: 25 Aug 2021 16:09

Tgt Ion:	152	Resp:	16484
Ion	Ratio	Lower	Upper
152	100		
115	69.1	31.2	93.6
150	168.9	0.0	352.0

