

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082621\
 Data File : VD070270.D
 Acq On : 26 Aug 2021 14:49
 Operator : VA/SY
 Sample : M3524-03RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-3RE

Quant Time: Aug 27 01:23:45 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	32053	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	56823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	65170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	29392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	34439	91.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 182.700%	#
35) Dibromofluoromethane	7.908	113	21076	57.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.820%	
50) Toluene-d8	10.338	98	75678	53.001	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.626	95	25003	53.164	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.320%	

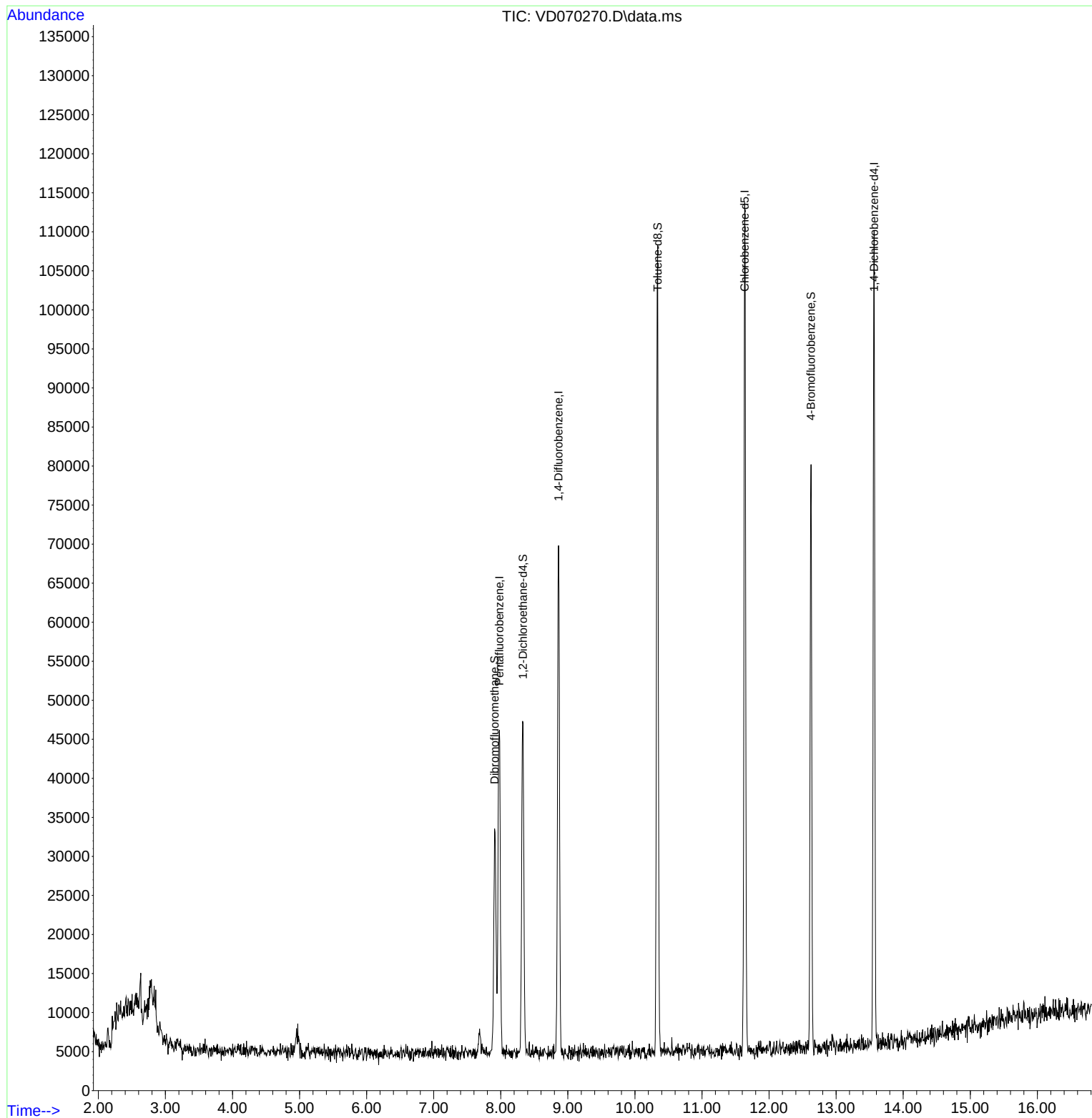
Target Compounds	Qvalue

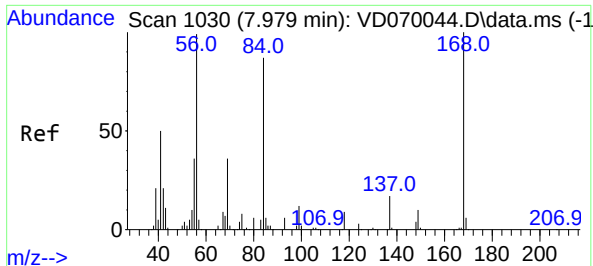
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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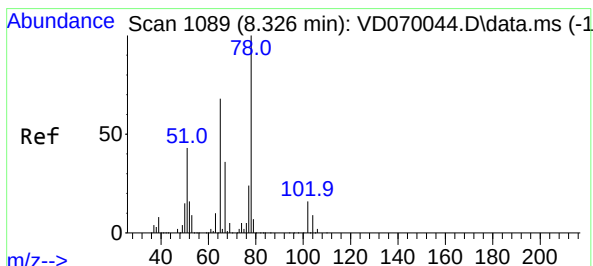
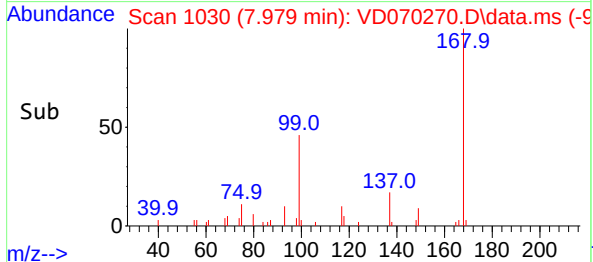
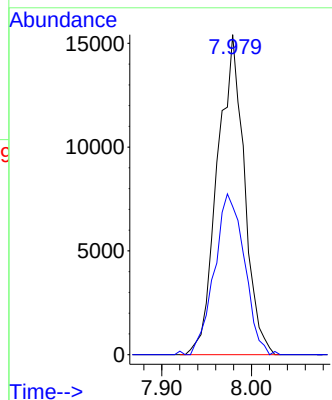
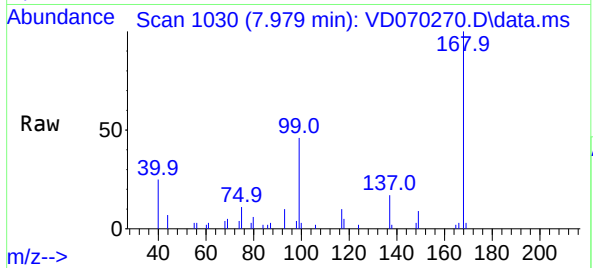




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070270.D
Acq: 26 Aug 2021 14:49

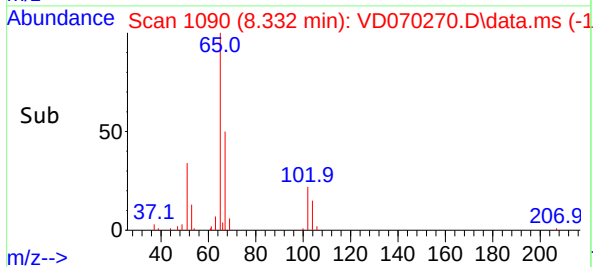
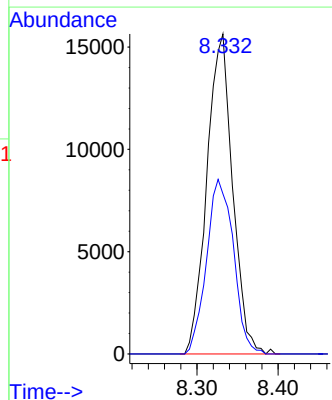
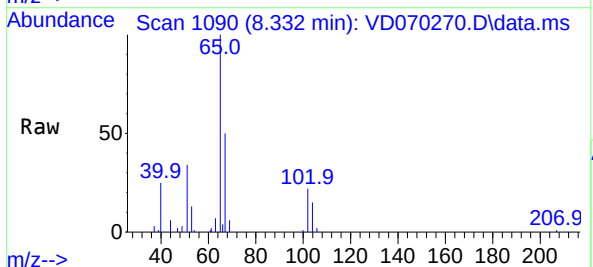
Instrument :
MSVOA_D
ClientSampleId :
PE-3RE

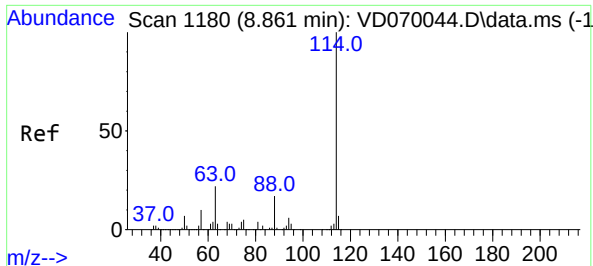
Tgt Ion:168 Resp: 32053
Ion Ratio Lower Upper
168 100
99 46.3 50.3 75.5#



#33
1,2-Dichloroethane-d4
Concen: 91.352 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070270.D
Acq: 26 Aug 2021 14:49

Tgt Ion: 65 Resp: 34439
Ion Ratio Lower Upper
65 100
67 57.2 0.0 107.8



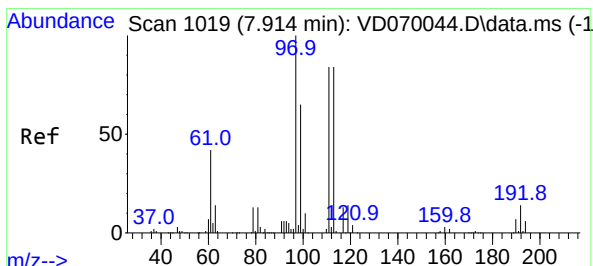
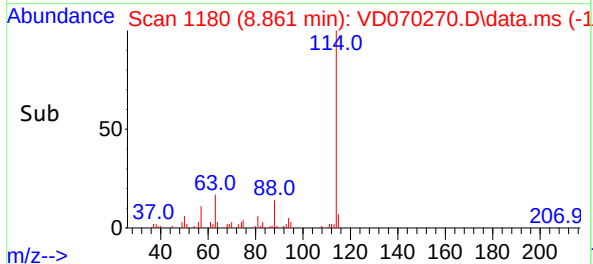
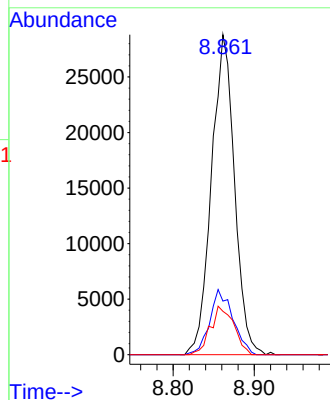
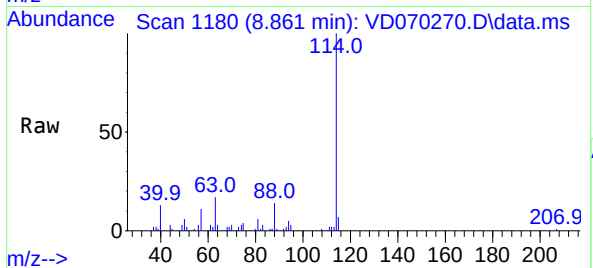


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070270.D
Acq: 26 Aug 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
PE-3RE

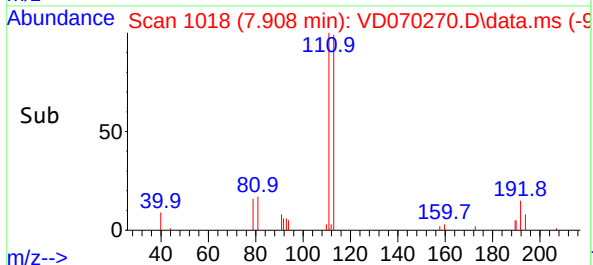
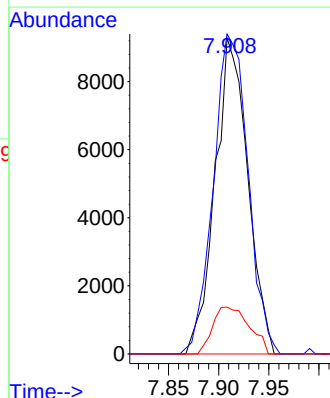
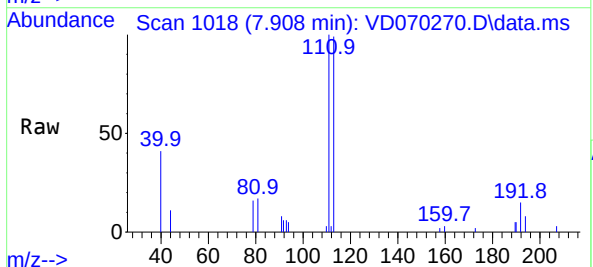
Tgt Ion:	114	Resp:	56823
Ion Ratio	Lower	Upper	
114	100		
63	16.7	0.0	43.6
88	13.5	0.0	33.4

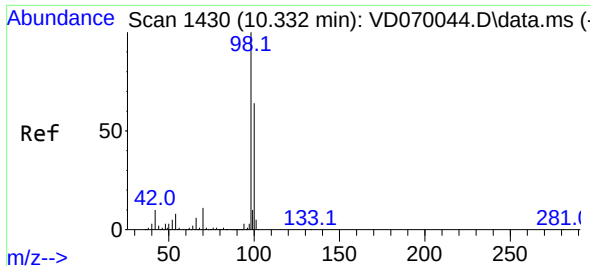


#35

Dibromofluoromethane
Concen: 57.410 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070270.D
Acq: 26 Aug 2021 14:49

Tgt Ion:	113	Resp:	21076
Ion Ratio	Lower	Upper	
113	100		
111	107.2	81.8	122.6
192	16.6	13.2	19.8

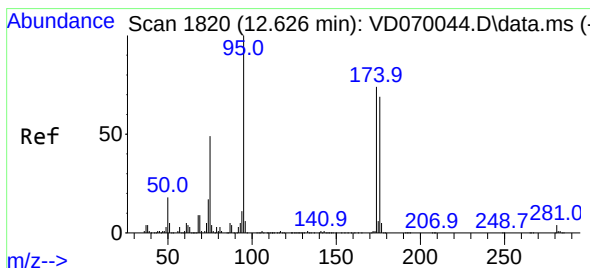
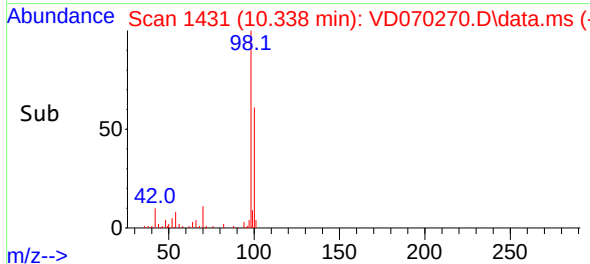
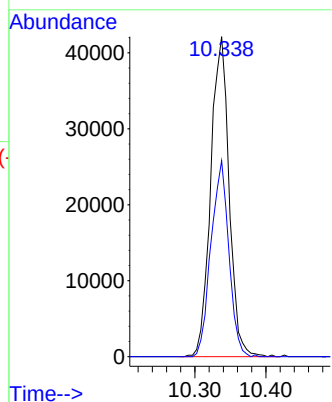
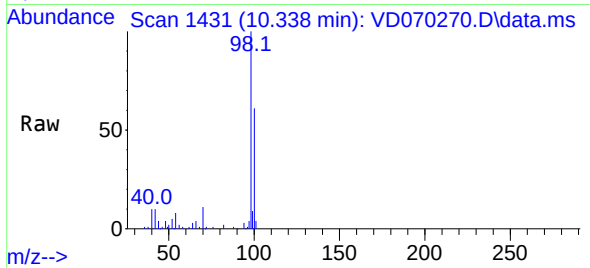




#50
Toluene-d8
Concen: 53.001 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070270.D
Acq: 26 Aug 2021 14:49

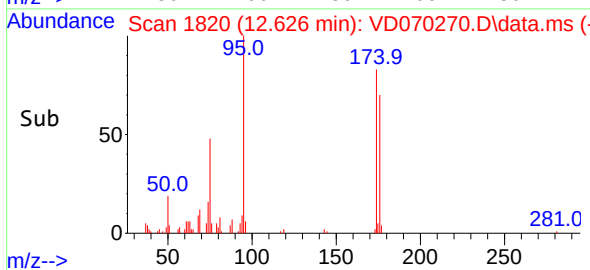
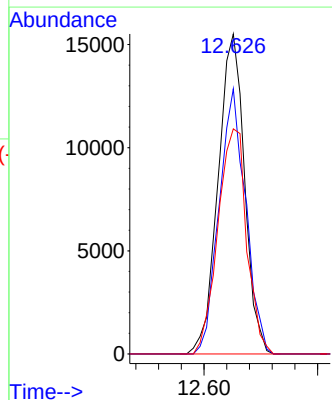
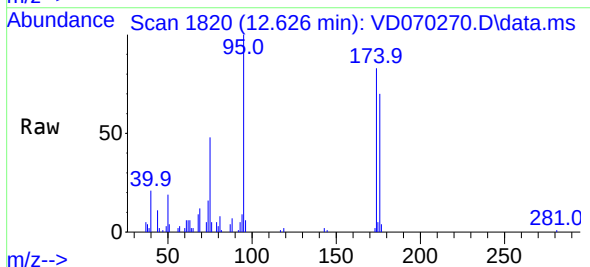
Instrument :
MSVOA_D
ClientSampleId :
PE-3RE

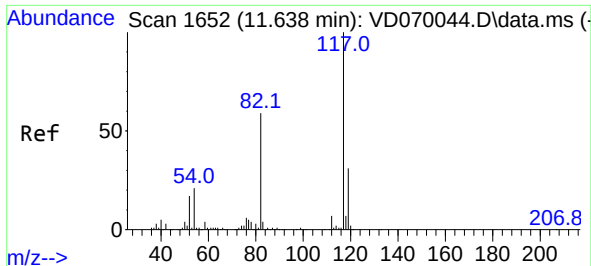
Tgt Ion: 98 Resp: 75678
Ion Ratio Lower Upper
98 100
100 59.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.164 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070270.D
Acq: 26 Aug 2021 14:49

Tgt Ion: 95 Resp: 25003
Ion Ratio Lower Upper
95 100
174 83.5 0.0 141.6
176 76.8 0.0 138.2

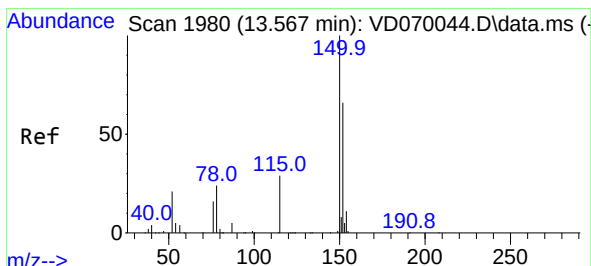
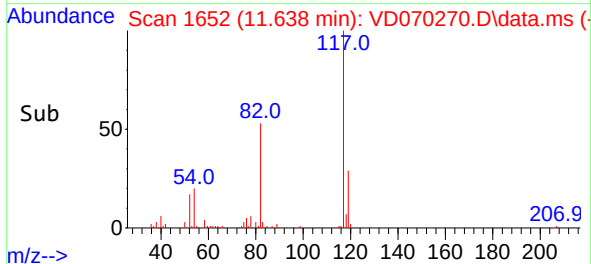
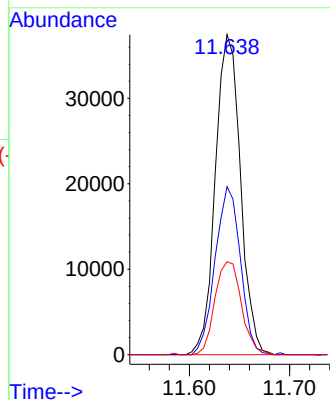
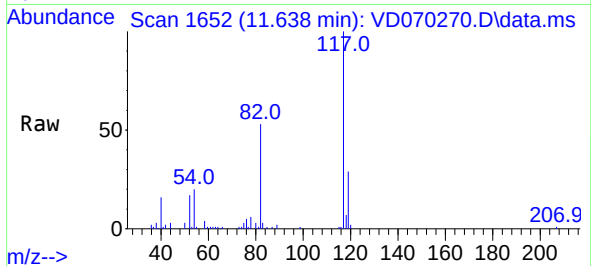




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070270.D
Acq: 26 Aug 2021 14:49

Instrument :
MSVOA_D
ClientSampleId :
PE-3RE

Tgt Ion:	117	Resp:	65170
Ion	Ratio	Lower	Upper
117	100		
82	52.5	47.5	71.3
119	29.1	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: VD070270.D
Acq: 26 Aug 2021 14:49

Tgt Ion:	152	Resp:	29392
Ion	Ratio	Lower	Upper
152	100		
115	58.2	31.2	93.6
150	146.5	0.0	352.0

