

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070729.D
 Acq On : 18 Oct 2021 14:51
 Operator : VA/SY
 Sample : M4249-07RE
 Misc : 5.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-(S)RE

Quant Time: Oct 19 06:40:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	8937	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.861	114	14713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	12682	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8315	78.553	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.100%	
35) Dibromofluoromethane	7.903	113	5002	53.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.200%	
50) Toluene-d8	10.338	98	16569	45.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.760%	
62) 4-Bromofluorobenzene	12.632	95	4983	40.073	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.140%	

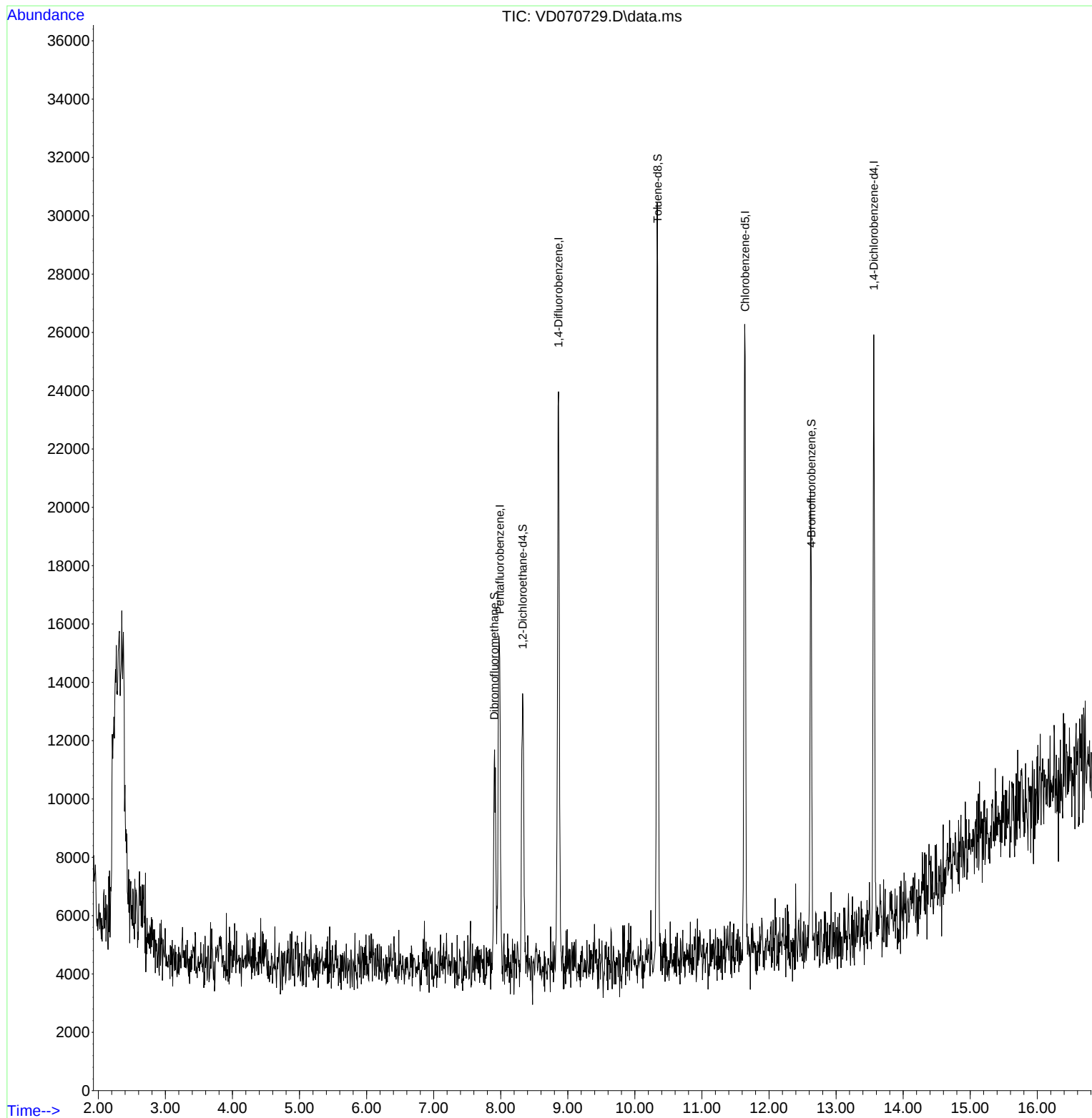
Target Compounds	Qvalue

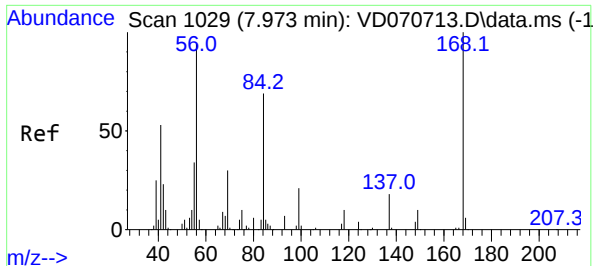
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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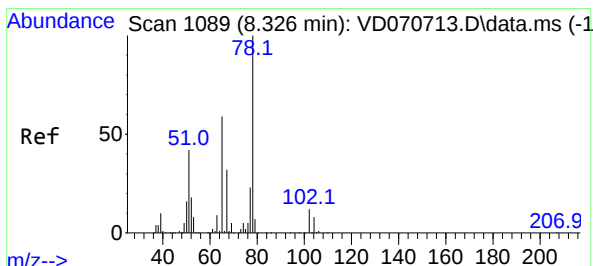
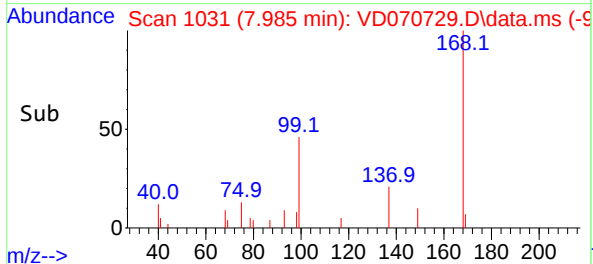
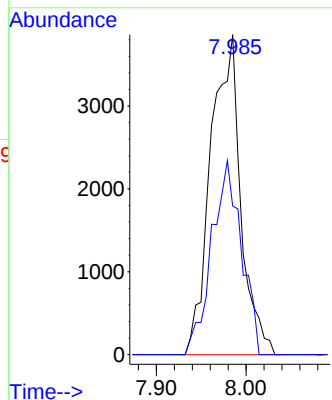
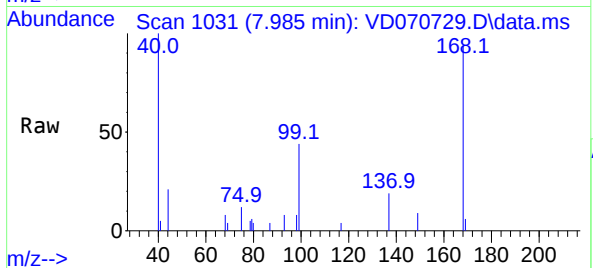




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. 0.012 min
 Lab File: VD070729.D
 Acq: 18 Oct 2021 14:51

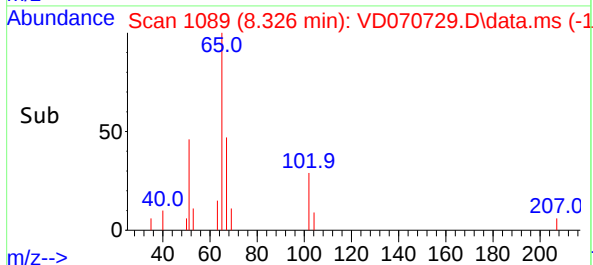
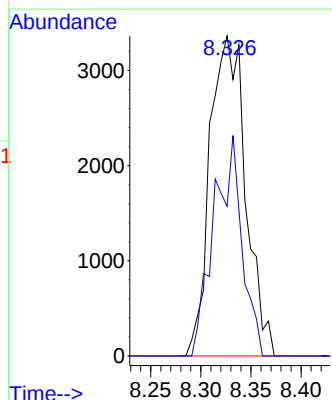
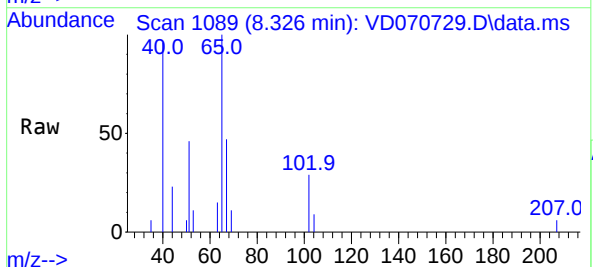
Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-(S)RE

Tgt Ion:168 Resp: 8937
 Ion Ratio Lower Upper
 168 100
 99 46.5 51.4 77.0#



1,2-Dichloroethane-d4
 Concen: 78.553 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070729.D
 Acq: 18 Oct 2021 14:51

Tgt Ion: 65 Resp: 8315
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.2



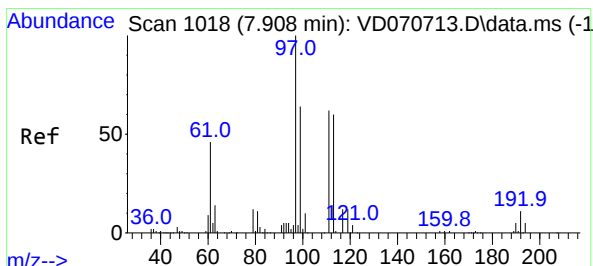
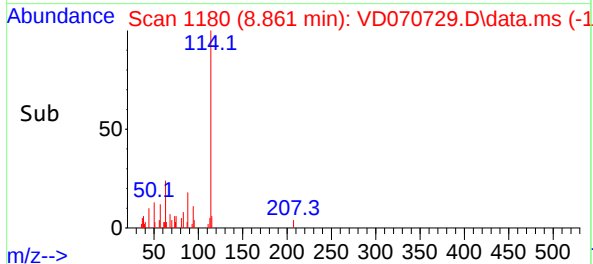
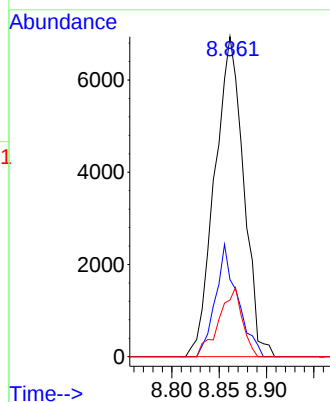
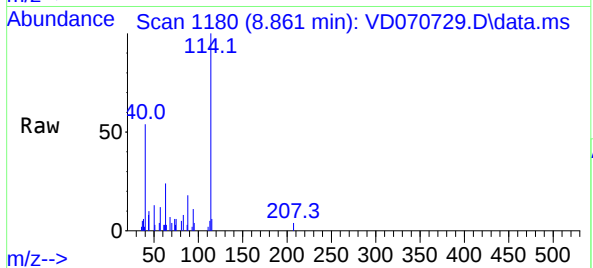


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070729.D
Acq: 18 Oct 2021 14:51

Instrument :
MSVOA_D
ClientSampleId :
TP2-(S)RE

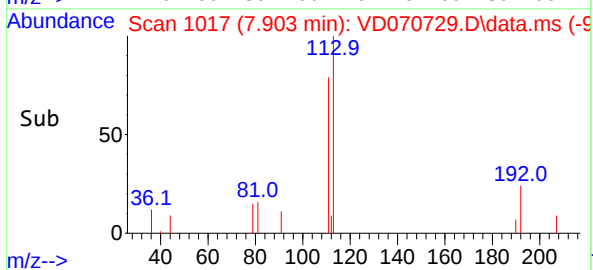
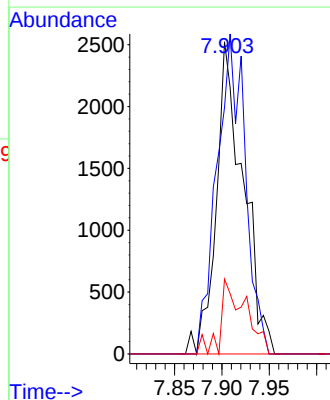
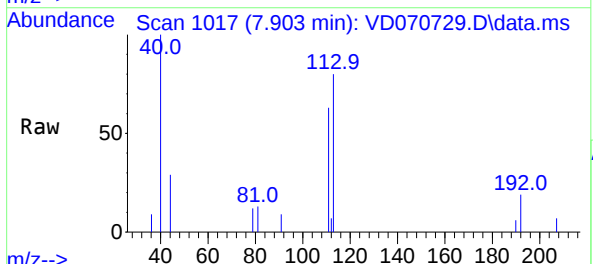
Tgt Ion:	114	Resp:	14713
Ion Ratio	Lower	Upper	
114	100		
63	24.1	0.0	41.8
88	17.7	0.0	32.6

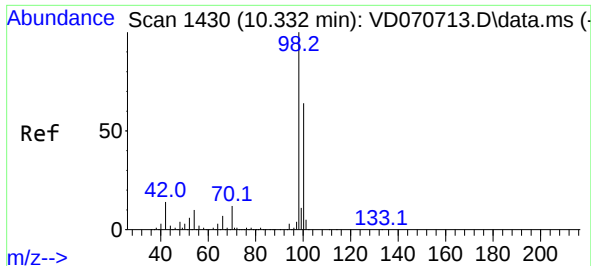


#35

Dibromofluoromethane
Concen: 53.095 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD070729.D
Acq: 18 Oct 2021 14:51

Tgt Ion:	113	Resp:	5002
Ion Ratio	Lower	Upper	
113	100		
111	107.8	83.1	124.7
192	21.2	12.7	19.1#

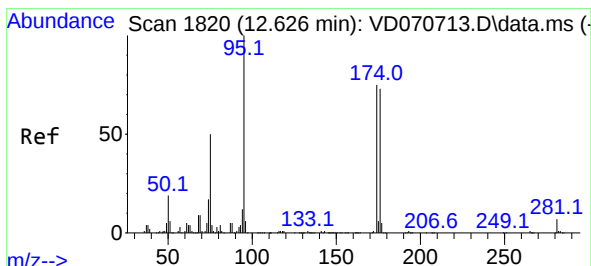
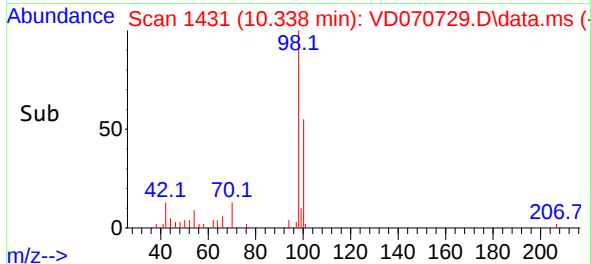
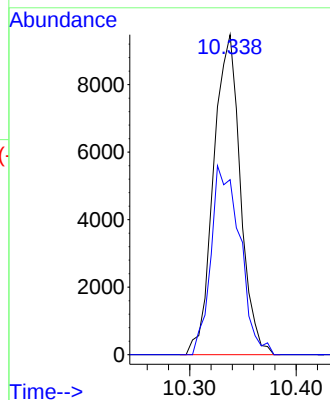
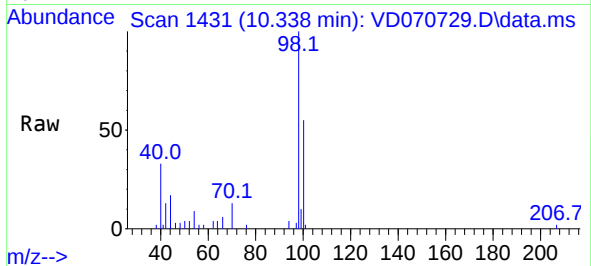




#50
Toluene-d8
Concen: 45.881 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070729.D
Acq: 18 Oct 2021 14:51

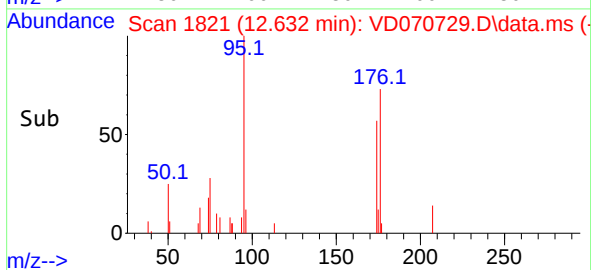
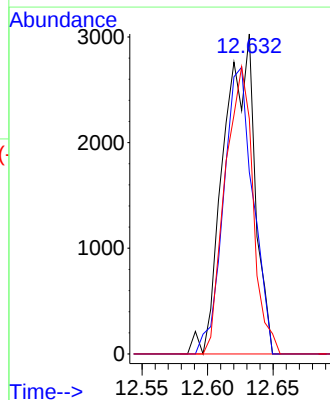
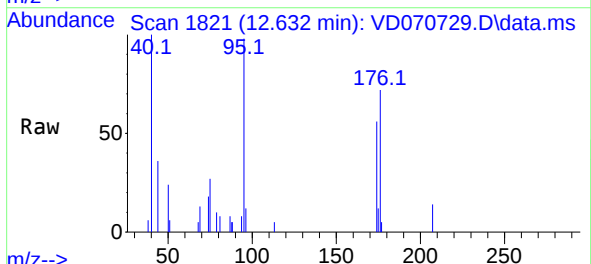
Instrument :
MSVOA_D
ClientSampleId :
TP2-(S)RE

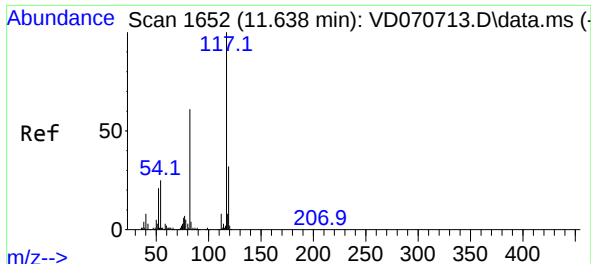
Tgt Ion: 98 Resp: 16569
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 40.073 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD070729.D
Acq: 18 Oct 2021 14:51

Tgt Ion: 95 Resp: 4983
Ion Ratio Lower Upper
95 100
174 85.1 0.0 138.0
176 80.6 0.0 135.6

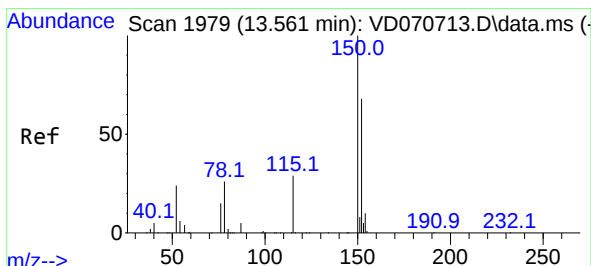
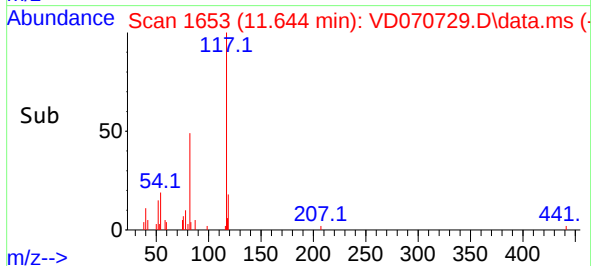
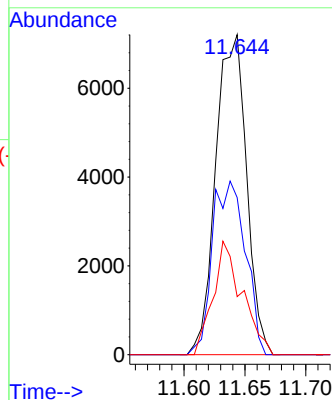
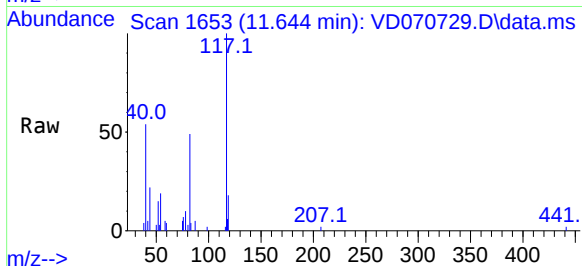




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070729.D
Acq: 18 Oct 2021 14:51

Instrument :
MSVOA_D
ClientSampleId :
TP2-(S)RE

Tgt Ion:	117	Resp:	12682
Ion	Ratio	Lower	Upper
117	100		
82	49.1	45.4	68.2
119	18.2	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070729.D
Acq: 18 Oct 2021 14:51

Tgt Ion:	152	Resp:	5125
Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.9	95.7
150	165.3	0.0	350.0

