

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070754.D
 Acq On : 19 Oct 2021 13:08
 Operator : VA/SY
 Sample : M4259-07
 Misc : 3.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-BD

Quant Time: Oct 20 04:40:16 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	7.979	168	403832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	783089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	767005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	331451	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	292254	61.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.20%
35) Dibromofluoromethane	7.914	113	274687	54.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.56%
50) Toluene-d8	10.338	98	1049464	54.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.20%
62) 4-Bromofluorobenzene	12.626	95	323267	48.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.68%

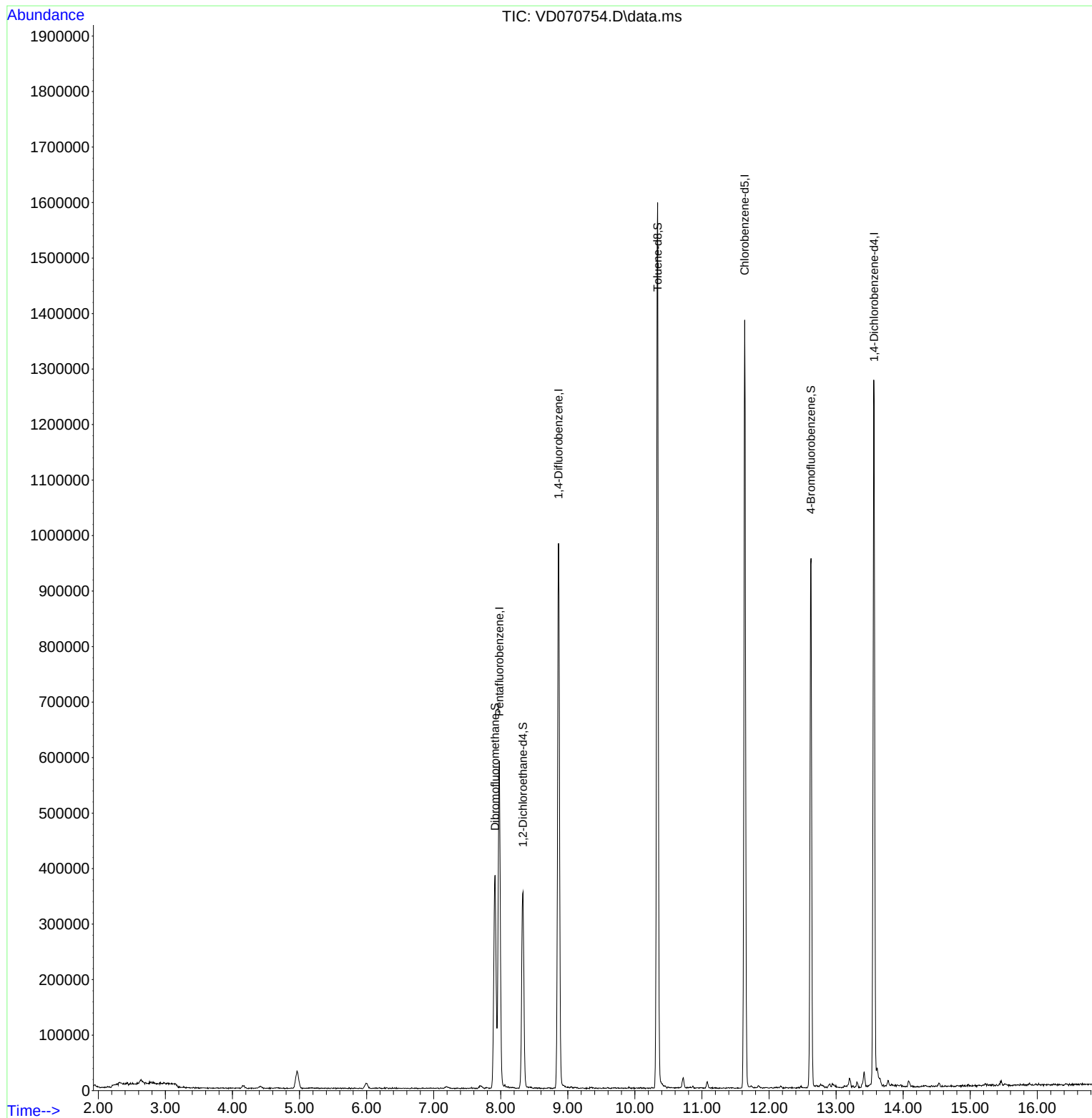
Target Compounds	Qvalue

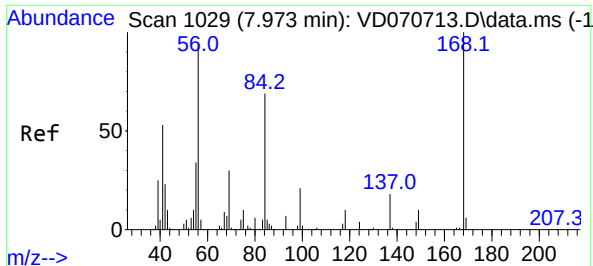
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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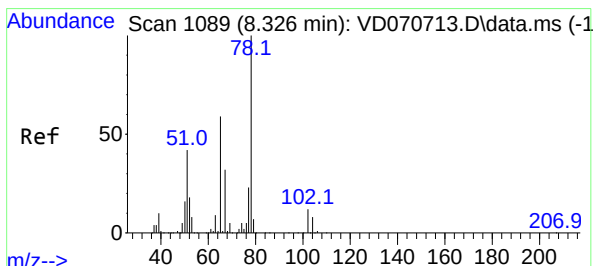
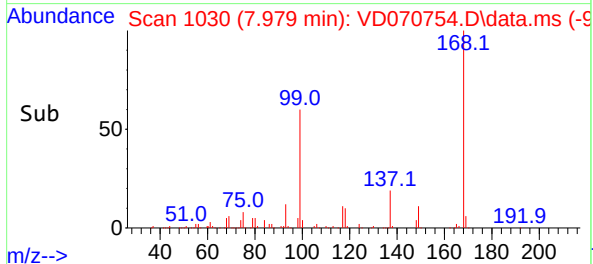
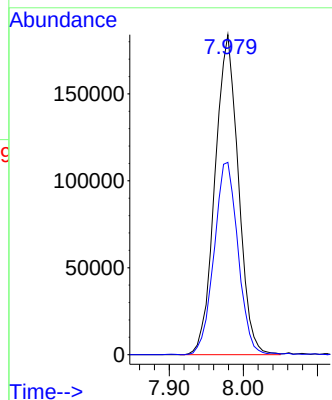
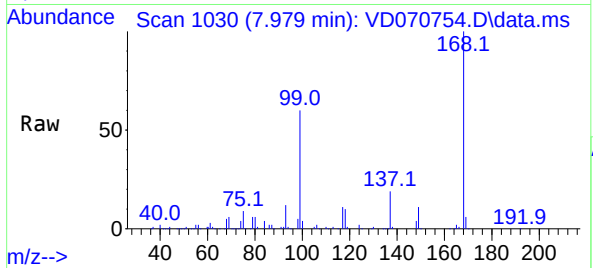




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08

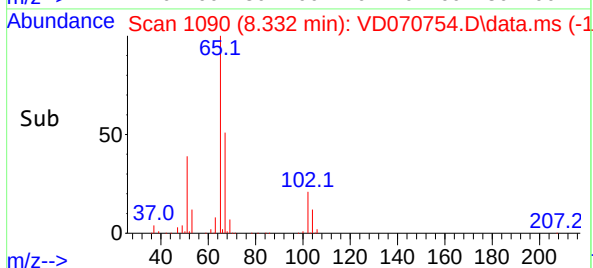
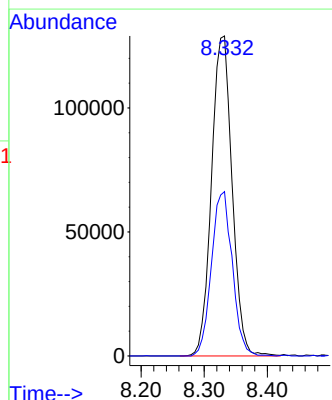
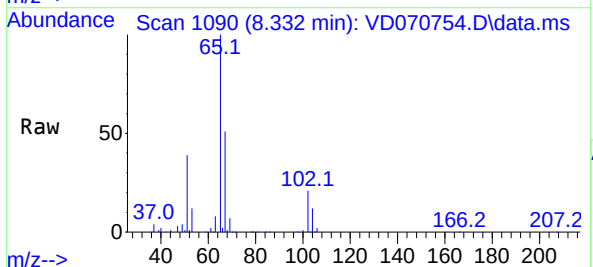
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

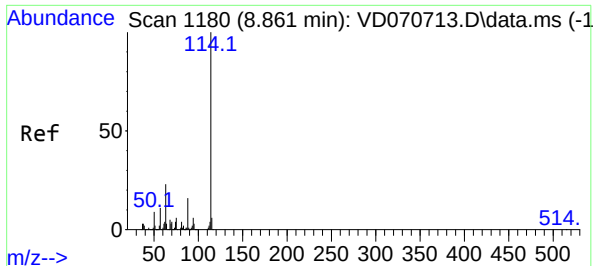
Tgt Ion:168 Resp: 403832
Ion Ratio Lower Upper
168 100
99 60.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 61.10 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08

Tgt Ion: 65 Resp: 292254
Ion Ratio Lower Upper
65 100
67 52.0 0.0 110.2





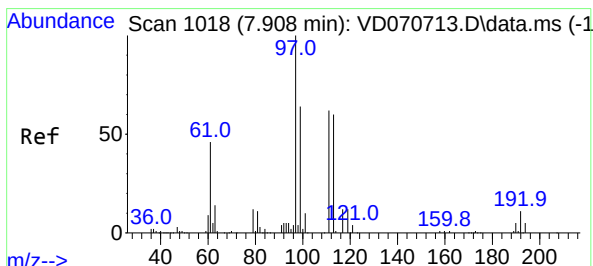
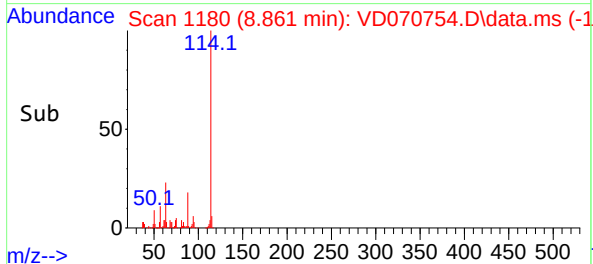
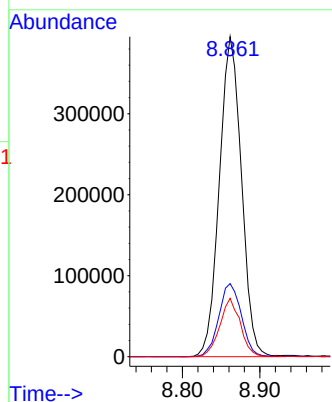
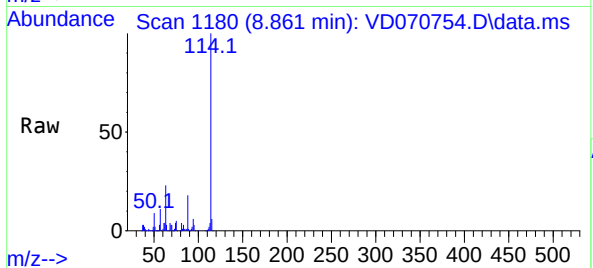
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08

Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

Tgt Ion:114 Resp: 783089

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	41.8
88	18.3	0.0	32.6

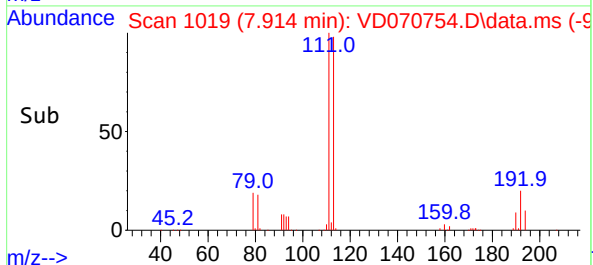
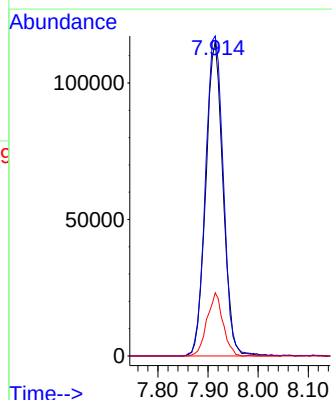
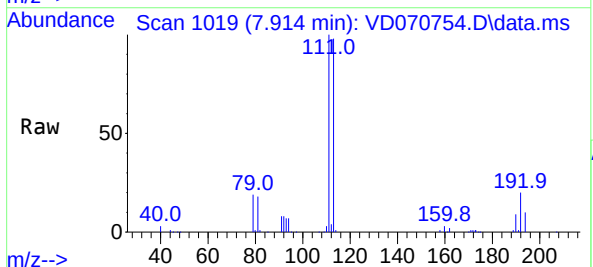


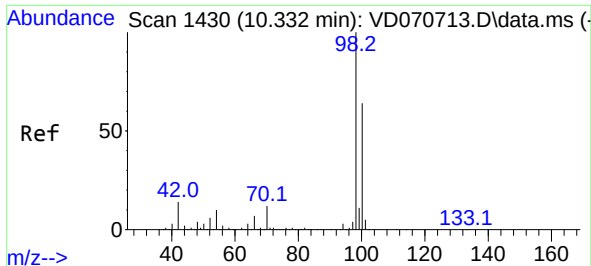
#35

Dibromofluoromethane
Concen: 54.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08

Tgt Ion:113 Resp: 274687

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.1	124.7
192	18.7	12.7	19.1

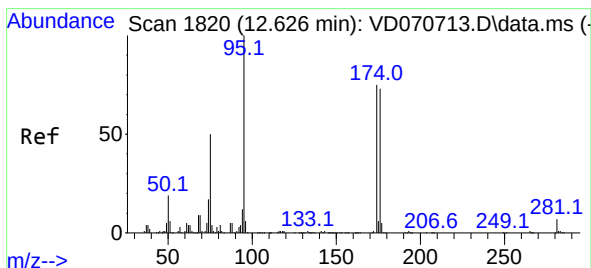
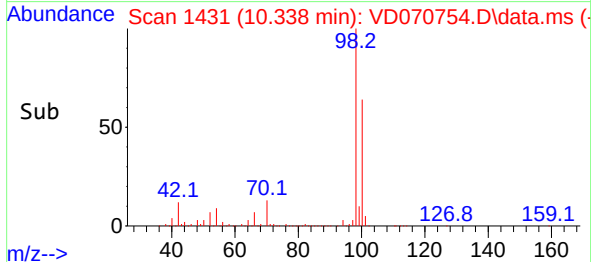
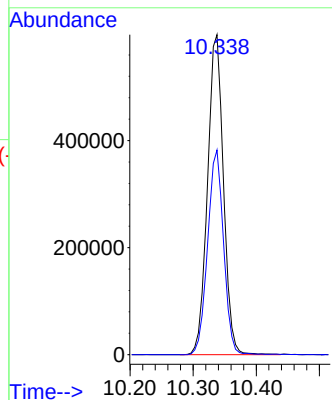
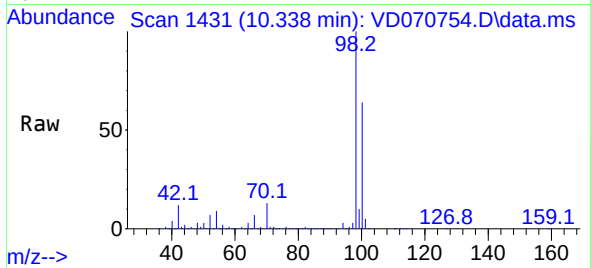




#50
Toluene-d8
Concen: 54.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08

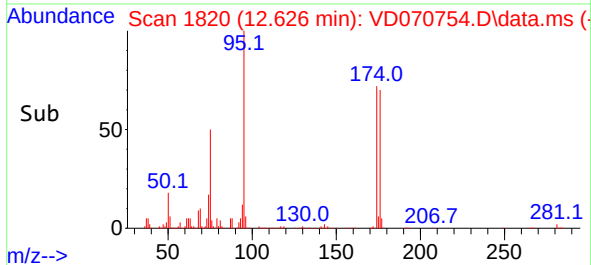
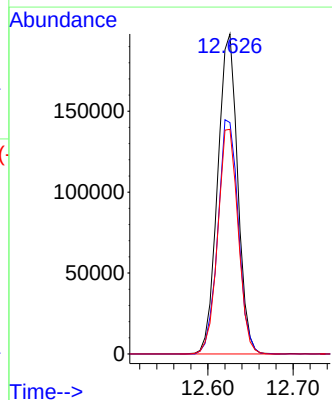
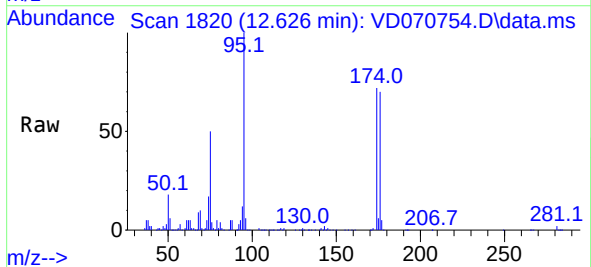
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD

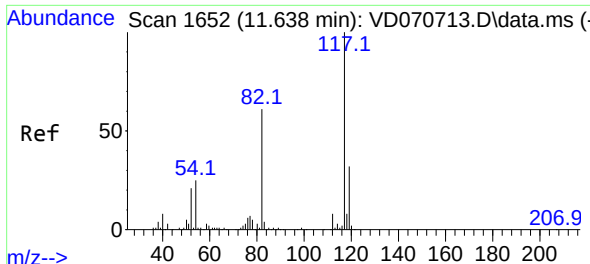
Tgt Ion: 98 Resp: 1049464
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.84 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08

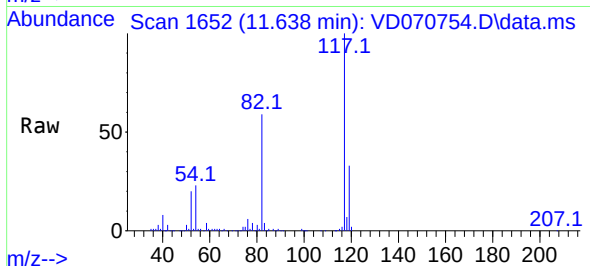
Tgt Ion: 95 Resp: 323267
Ion Ratio Lower Upper
95 100
174 74.8 0.0 138.0
176 71.4 0.0 135.6



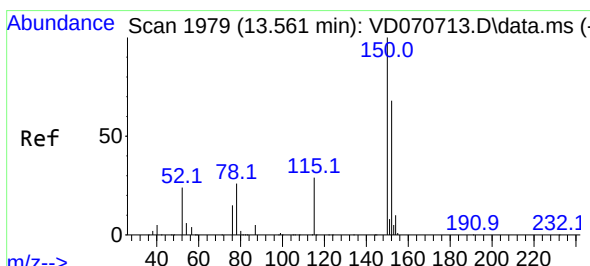
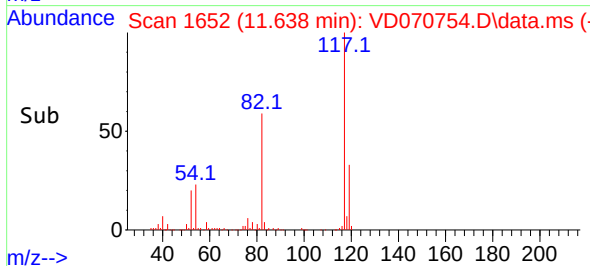
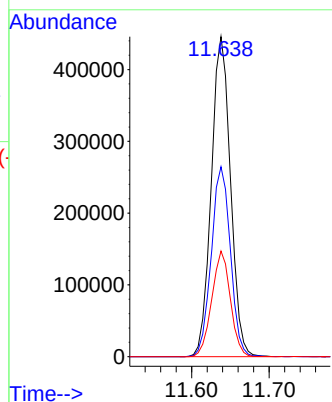


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08

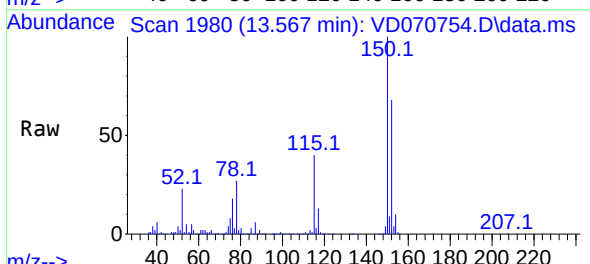
Instrument :
MSVOA_D
ClientSampleId :
WC-1-BD



Tgt Ion:117 Resp: 767005
Ion Ratio Lower Upper
117 100
82 59.4 45.4 68.2
119 33.0 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070754.D
Acq: 19 Oct 2021 13:08



Tgt Ion:152 Resp: 331451
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.7
150 154.0 0.0 350.0

