

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070752.D
 Acq On : 19 Oct 2021 12:11
 Operator : VA/SY
 Sample : M4259-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1-CSRE

Quant Time: Oct 20 04:39:56 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	67090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	121943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	136349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	59018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	78710	99.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	198.10%#
35) Dibromofluoromethane	7.914	113	57771	73.99	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.98%#
50) Toluene-d8	10.338	98	162898	54.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.84%
62) 4-Bromofluorobenzene	12.620	95	57009	55.32	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.64%

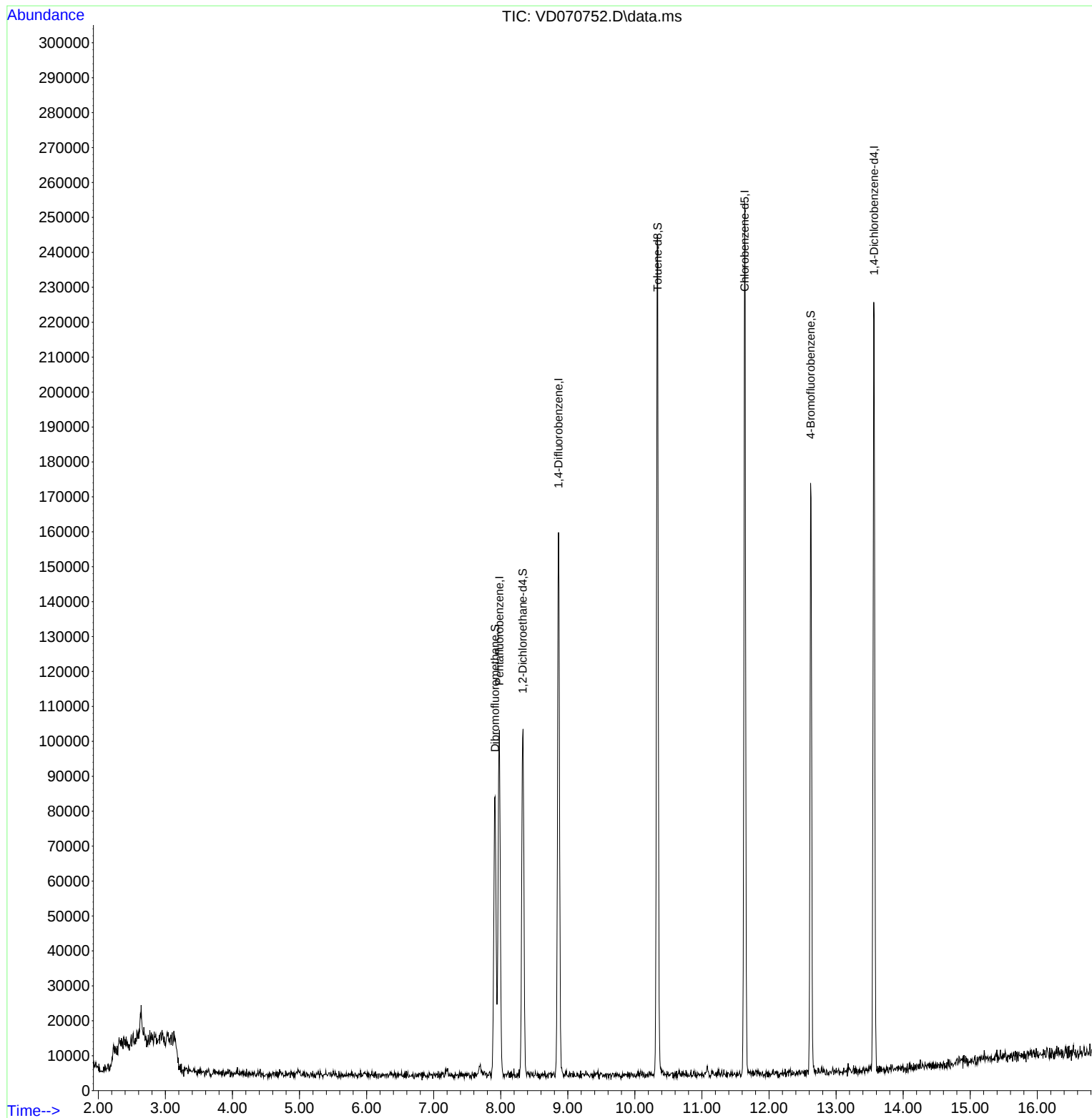
Target Compounds	Qvalue

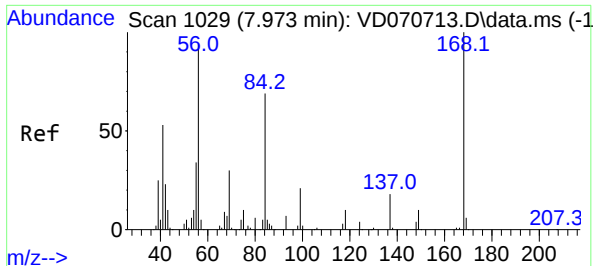
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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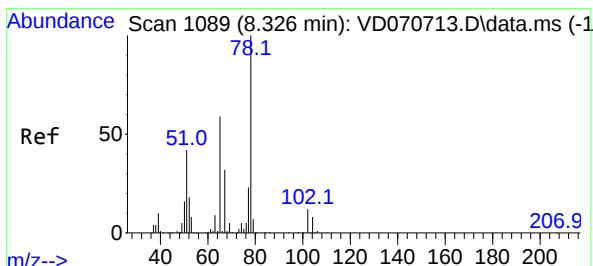
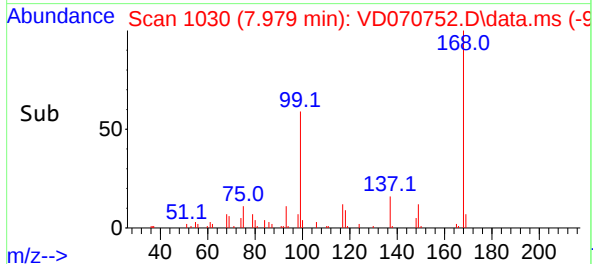
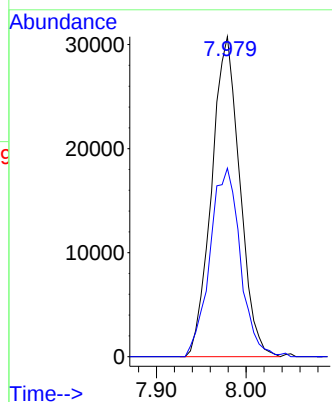
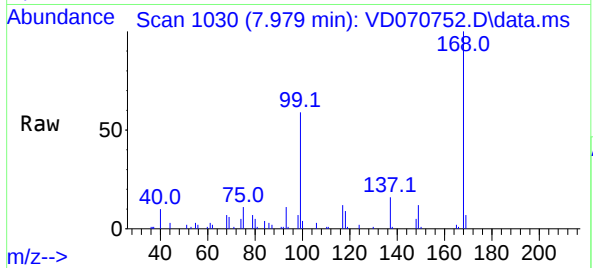




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070752.D
Acq: 19 Oct 2021 12:11

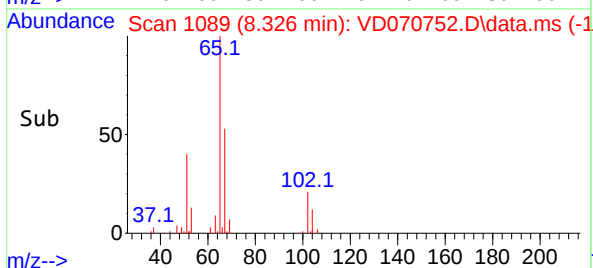
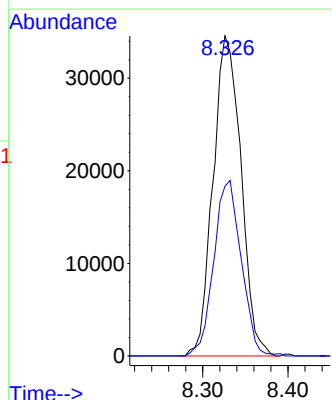
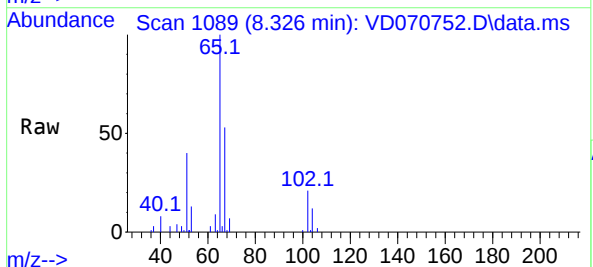
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CSRE

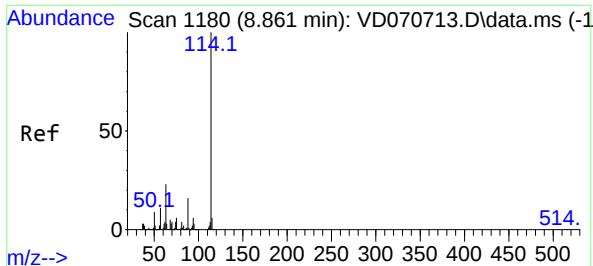
Tgt Ion:168 Resp: 67090
Ion Ratio Lower Upper
168 100
99 58.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 99.05 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070752.D
Acq: 19 Oct 2021 12:11

Tgt Ion: 65 Resp: 78710
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2





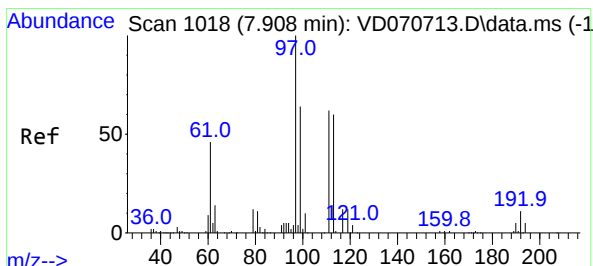
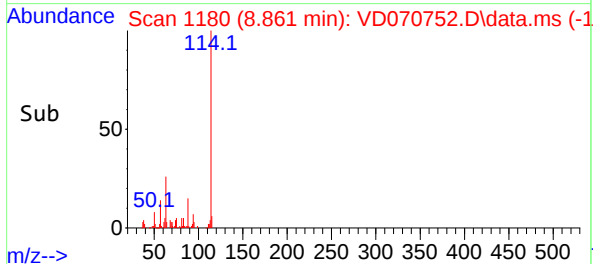
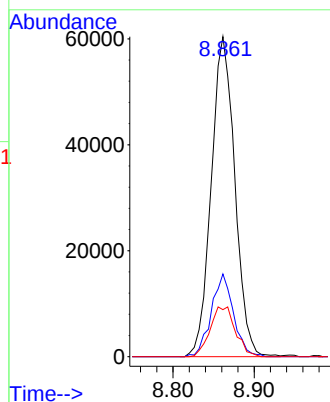
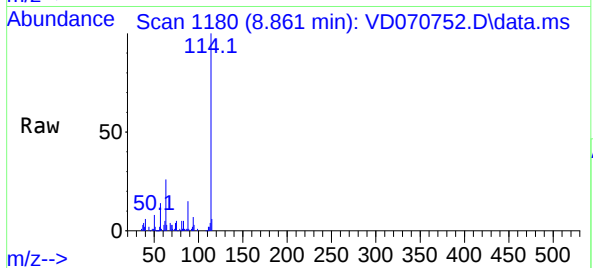
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070752.D
Acq: 19 Oct 2021 12:11

Instrument :
MSVOA_D
ClientSampleId :
WC-1-CSRE

Tgt Ion:114 Resp: 121943

Ion	Ratio	Lower	Upper
114	100		
63	25.8	0.0	41.8
88	14.7	0.0	32.6

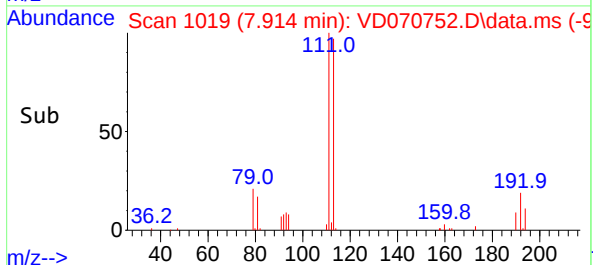
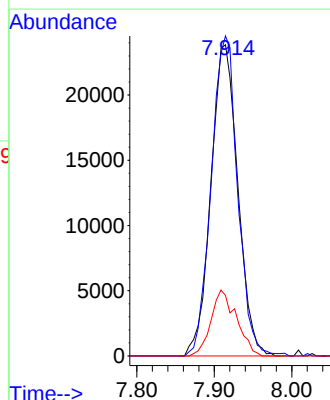
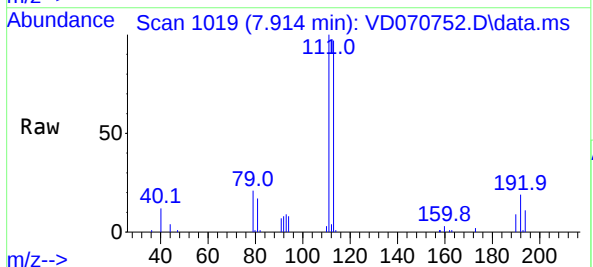


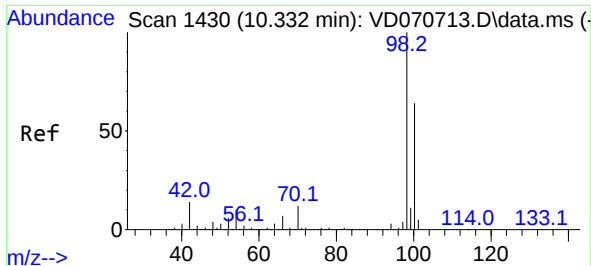
#35

Dibromofluoromethane
Concen: 73.99 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070752.D
Acq: 19 Oct 2021 12:11

Tgt Ion:113 Resp: 57771

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.1	124.7
192	20.0	12.7	19.1#

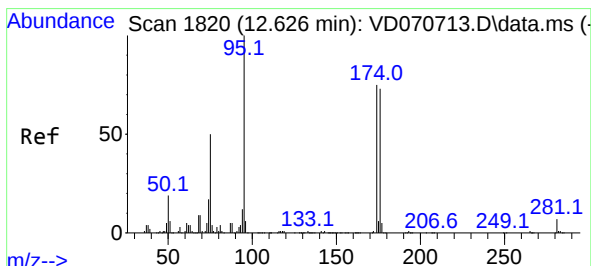
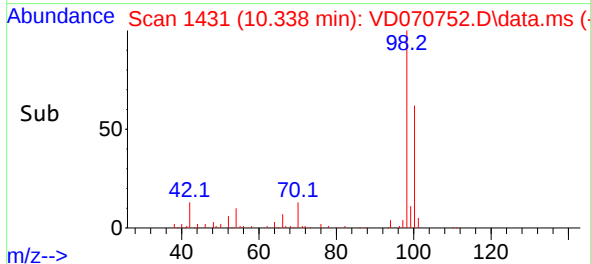
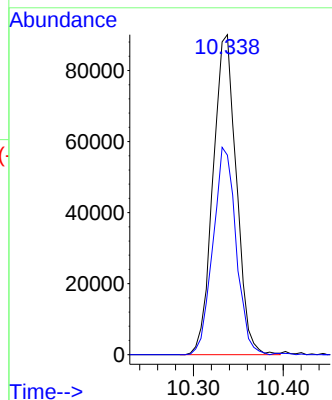
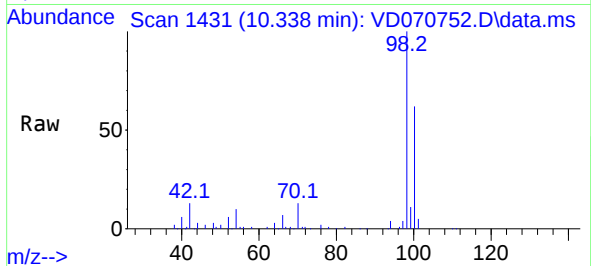




#50
Toluene-d8
Concen: 54.42 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070752.D
Acq: 19 Oct 2021 12:11

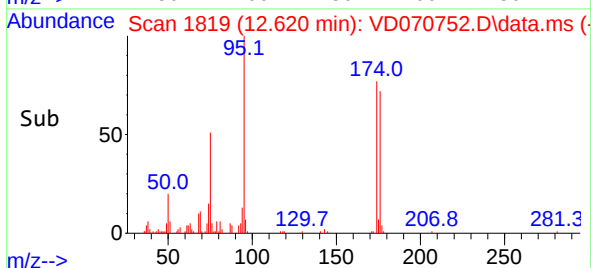
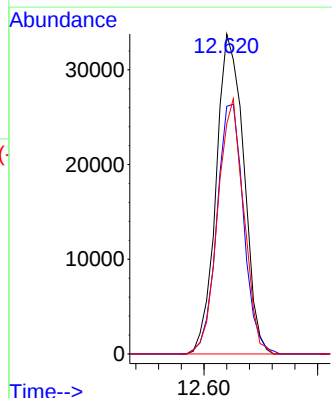
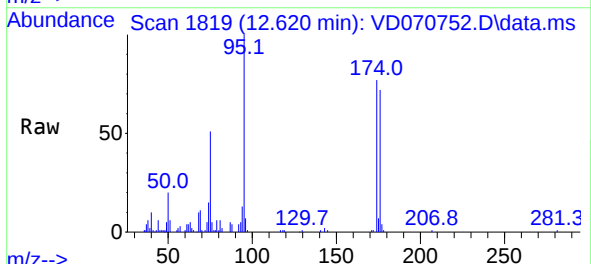
Instrument :
MSVOA_D
ClientSampleId :
WC-1-CSRE

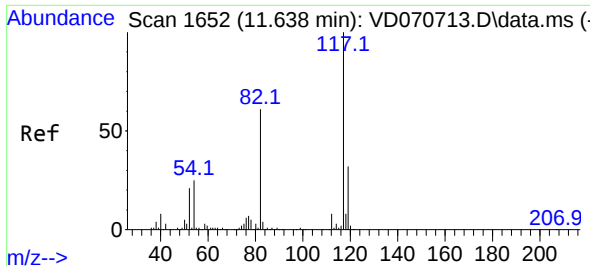
Tgt Ion: 98 Resp: 162898
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.32 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070752.D
Acq: 19 Oct 2021 12:11

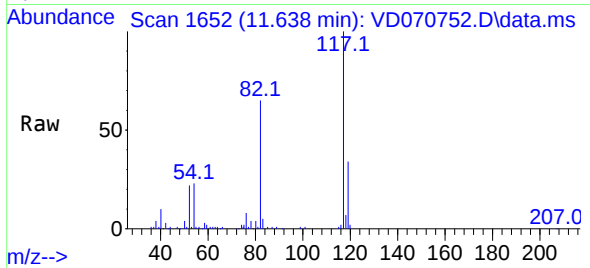
Tgt Ion: 95 Resp: 57009
Ion Ratio Lower Upper
95 100
174 75.7 0.0 138.0
176 75.3 0.0 135.6





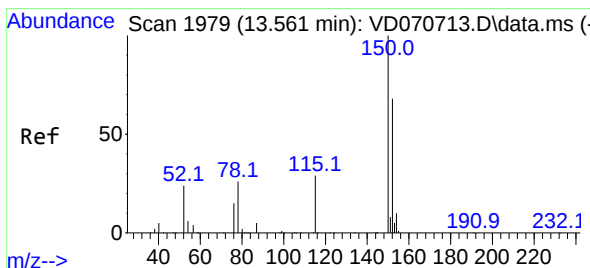
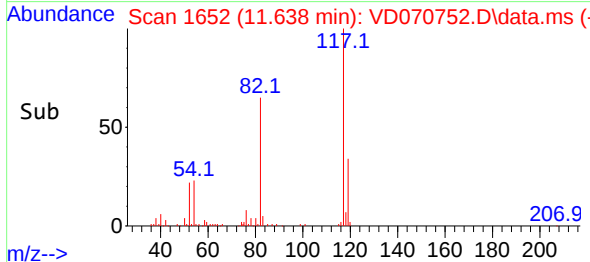
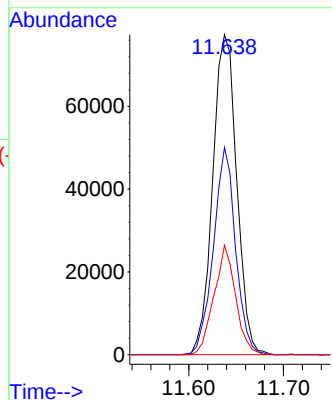
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070752.D
Acq: 19 Oct 2021 12:11

Instrument :
MSVOA_D
ClientSampleId :
WC-1-CSRE

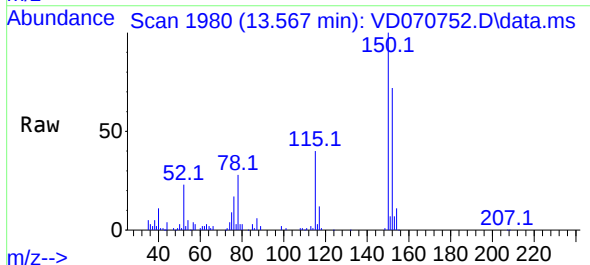


Tgt Ion:117 Resp: 136349

Ion	Ratio	Lower	Upper
117	100		
82	64.8	45.4	68.2
119	34.2	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: VD070752.D
Acq: 19 Oct 2021 12:11



Tgt Ion:152 Resp: 59018

Ion	Ratio	Lower	Upper
152	100		
115	59.5	31.9	95.7
150	151.3	0.0	350.0

