

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070254.D
 Acq On : 25 Aug 2021 16:37
 Operator : VA/SY
 Sample : M3524-03
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PE-3

Quant Time: Aug 26 02:45:47 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	7.973	168	118400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	226492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	259134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	110289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	125633	90.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	180.440%#
35) Dibromofluoromethane	7.914	113	105773	72.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.560%
50) Toluene-d8	10.338	98	300358	52.774	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.540%
62) 4-Bromofluorobenzene	12.626	95	103508	55.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.440%

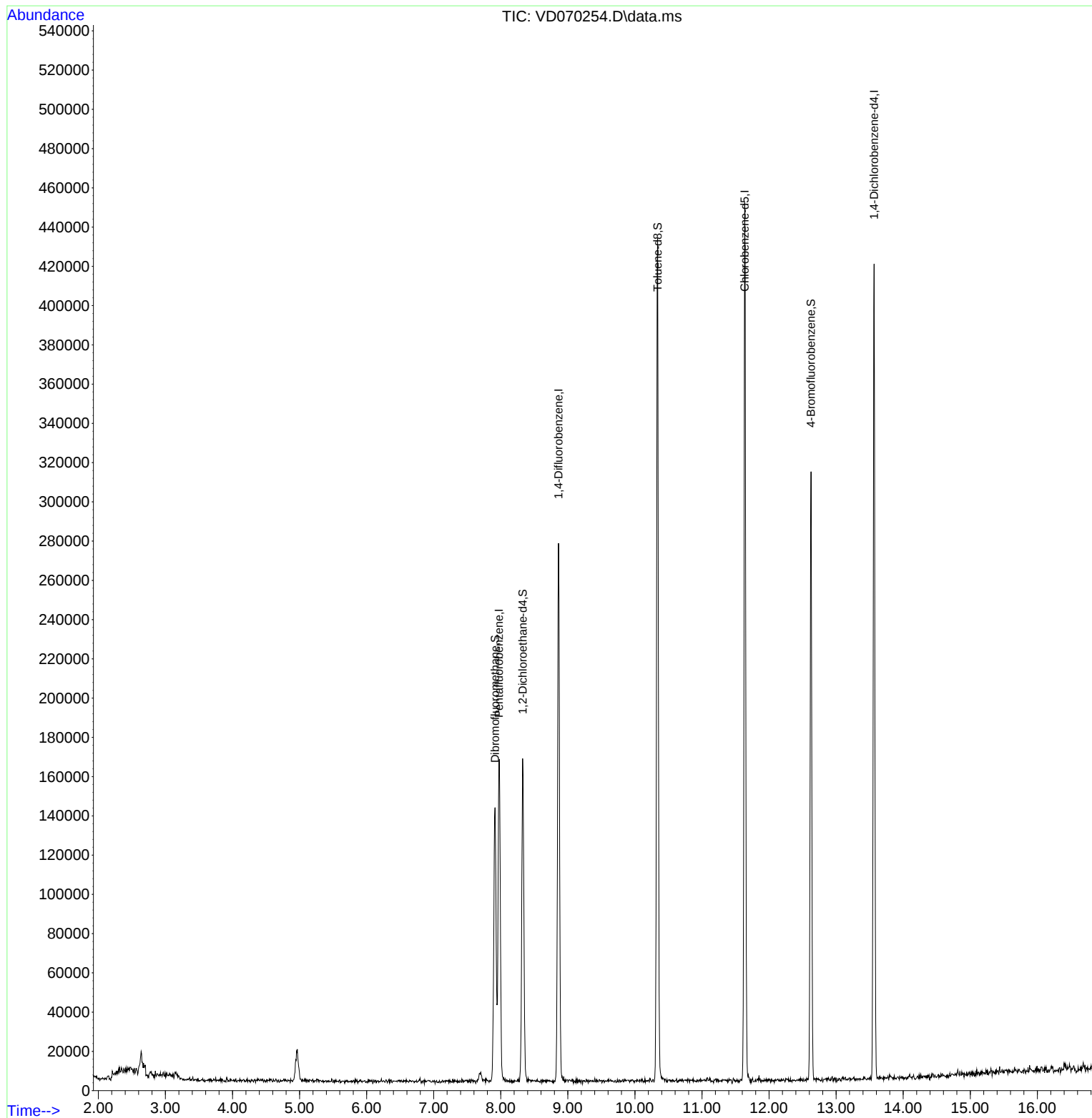
Target Compounds	Qvalue

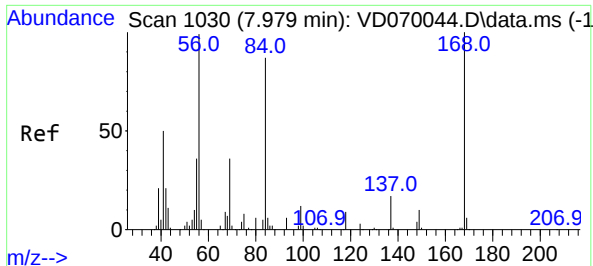
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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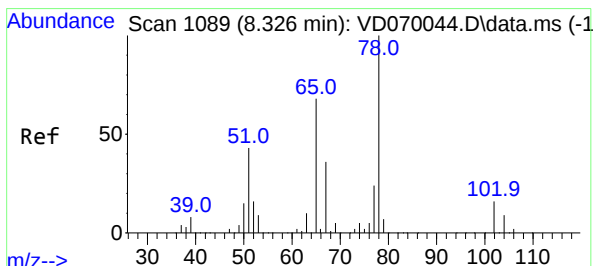
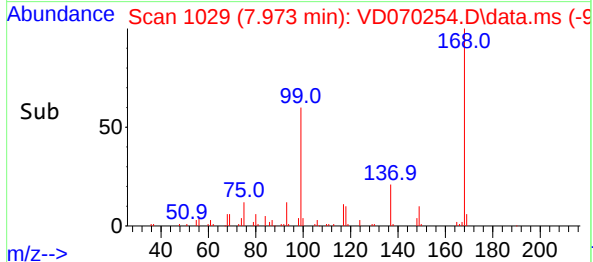
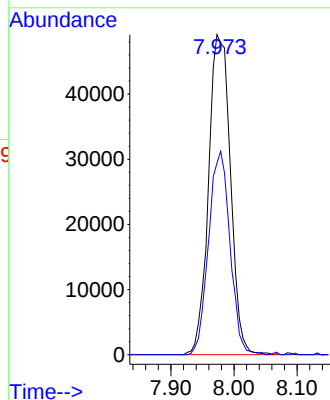
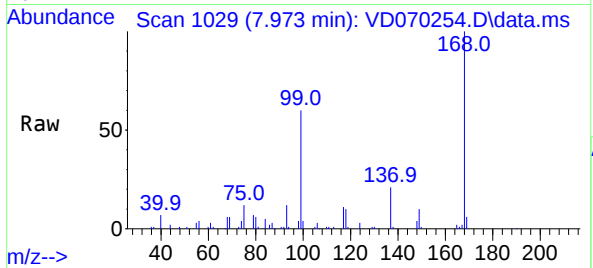




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

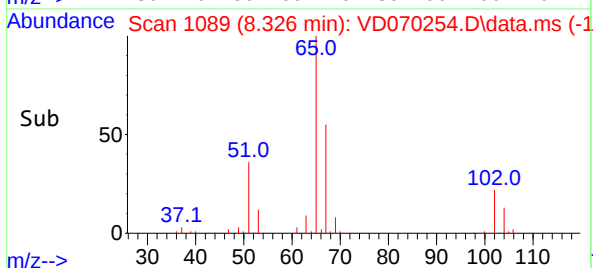
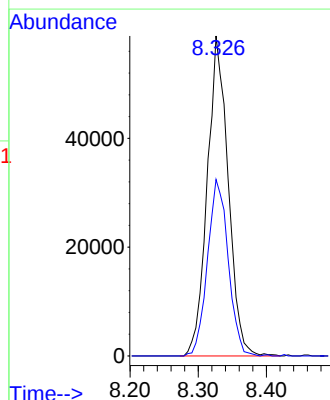
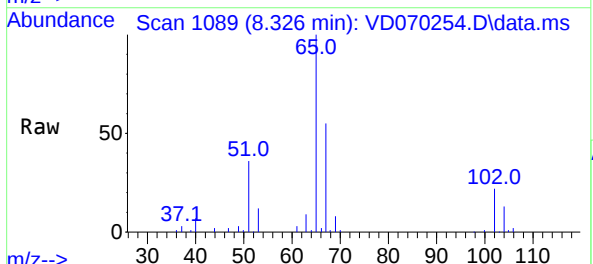
Instrument :
MSVOA_D
ClientSampleId :
PE-3

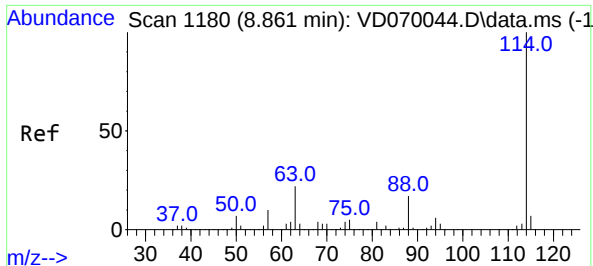
Tgt Ion:168 Resp: 118400
Ion Ratio Lower Upper
168 100
99 59.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 90.217 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion: 65 Resp: 125633
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.8



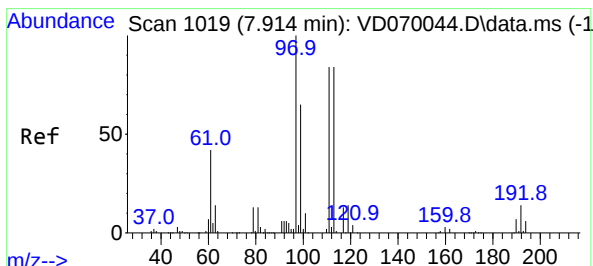
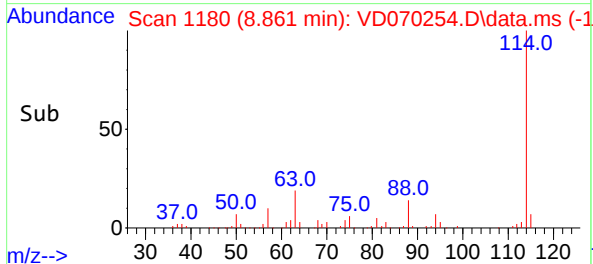
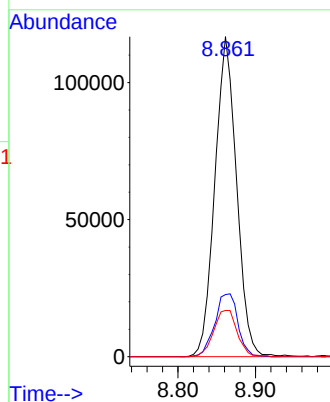
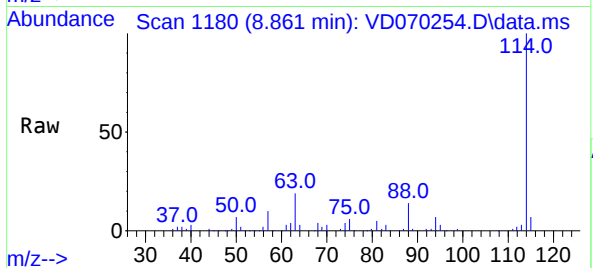


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Instrument :
MSVOA_D
ClientSampleId :
PE-3

Tgt Ion:114 Resp: 226492

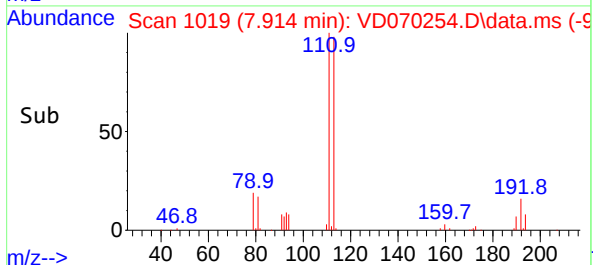
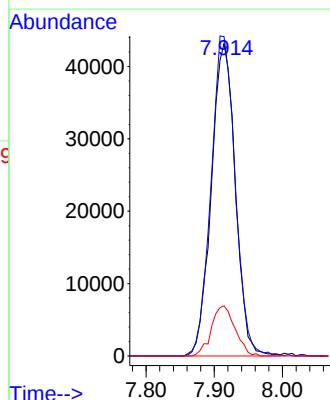
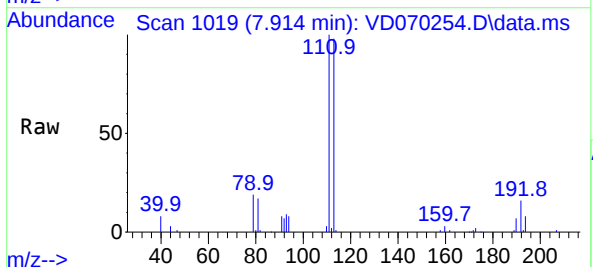
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	43.6
88	14.4	0.0	33.4

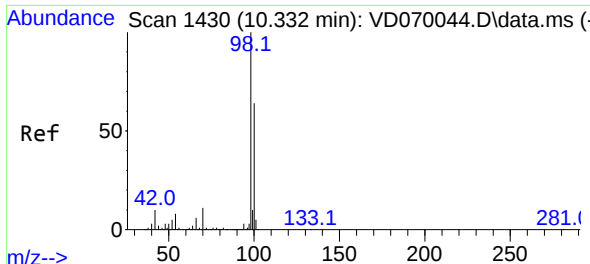


#35
Dibromofluoromethane
Concen: 72.285 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

Tgt Ion:113 Resp: 105773

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	15.8	13.2	19.8

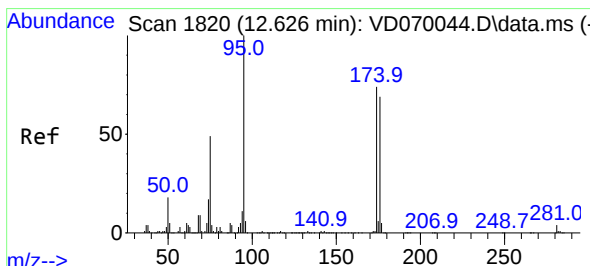
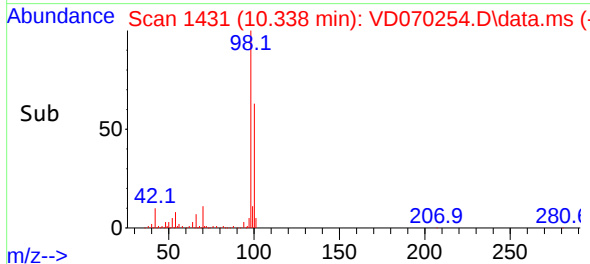
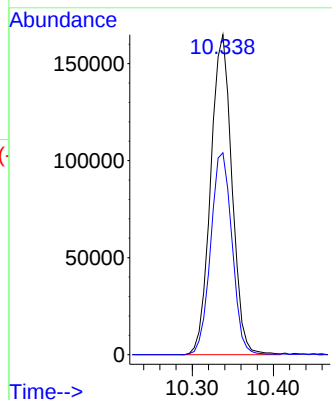
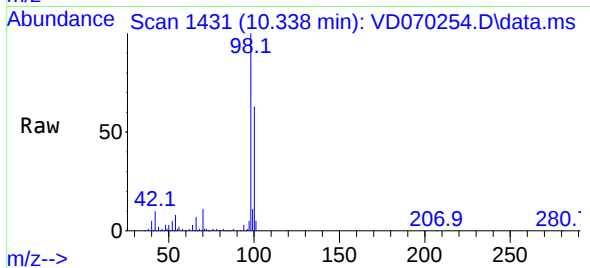




#50
Toluene-d8
Concen: 52.774 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

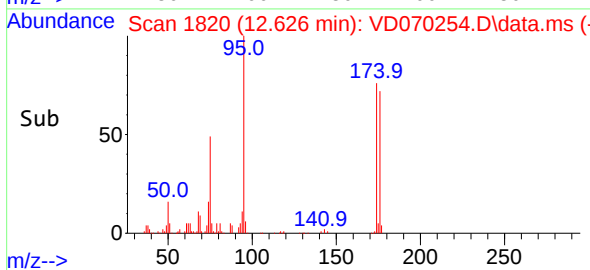
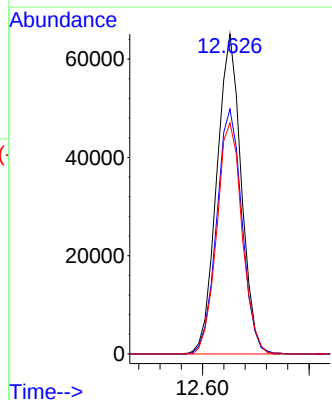
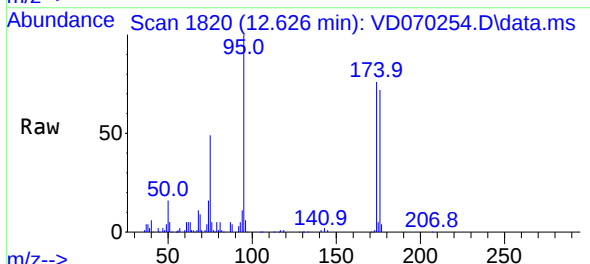
Instrument :
MSVOA_D
ClientSampled :
PE-3

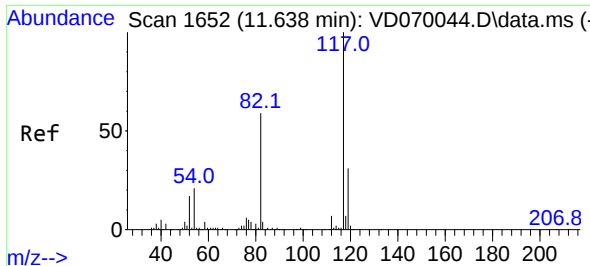
Tgt Ion: 98 Resp: 300358
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.216 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

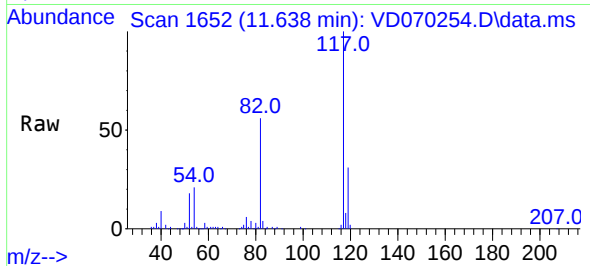
Tgt Ion: 95 Resp: 103508
Ion Ratio Lower Upper
95 100
174 79.2 0.0 141.6
176 74.9 0.0 138.2



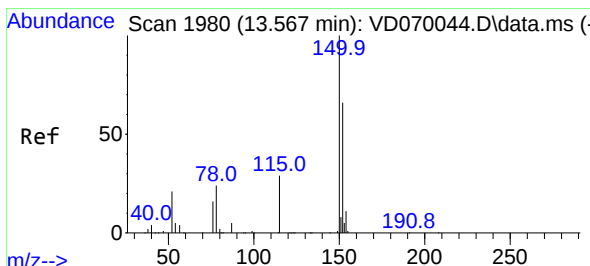
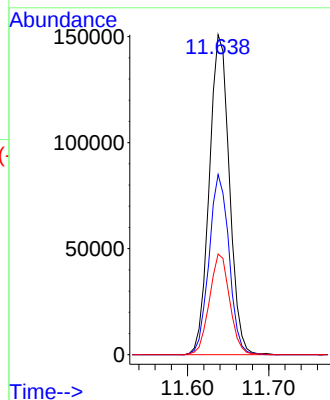
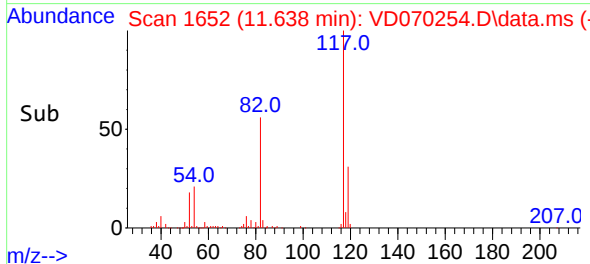


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070254.D
Acq: 25 Aug 2021 16:37

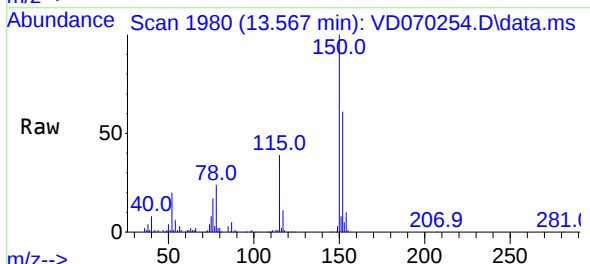
Instrument :
MSVOA_D
ClientSampled :
PE-3



Tgt Ion:117 Resp: 259134
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 31.4 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: VD070254.D
Acq: 25 Aug 2021 16:37



Tgt Ion:152 Resp: 110289
Ion Ratio Lower Upper
152 100
115 60.4 31.2 93.6
150 160.3 0.0 352.0

