

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070250.D
 Acq On : 25 Aug 2021 14:43
 Operator : VA/SY
 Sample : M3467-18
 Misc : 2.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-4-(177.00)-VOC-GRAB

Quant Time: Aug 26 02:44:34 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	455892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	923865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	849464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	262937	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	321522	59.963	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.920%
35) Dibromofluoromethane	7.909	113	323497	54.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.400%
50) Toluene-d8	10.338	98	1197844	51.597	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.200%
62) 4-Bromofluorobenzene	12.626	95	314847	41.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.360%

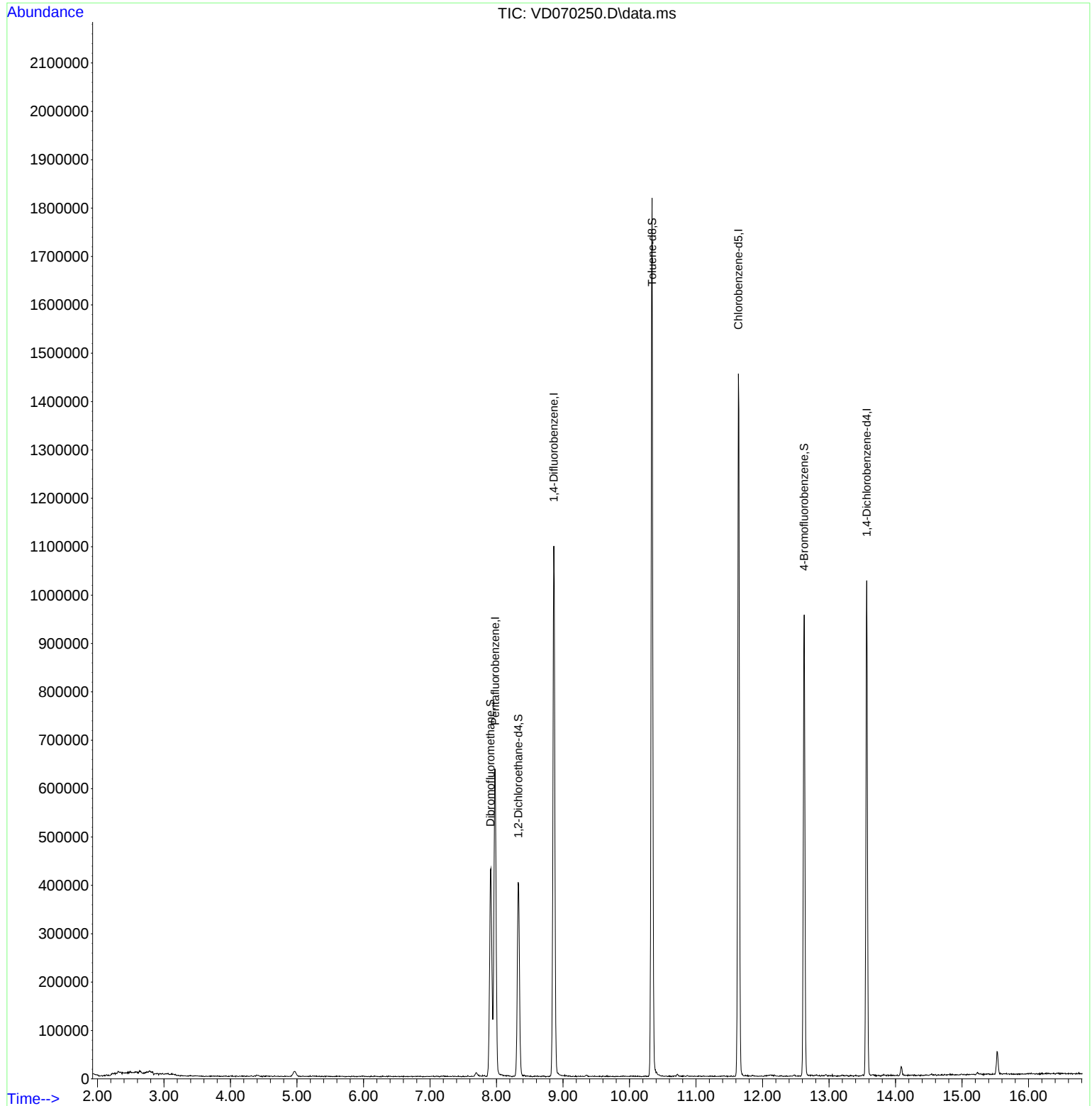
Target Compounds	Qvalue

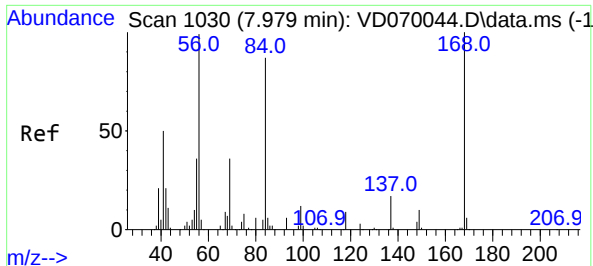
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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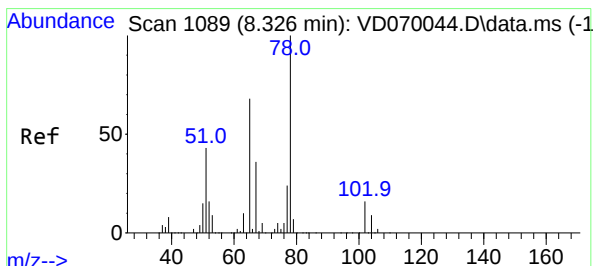
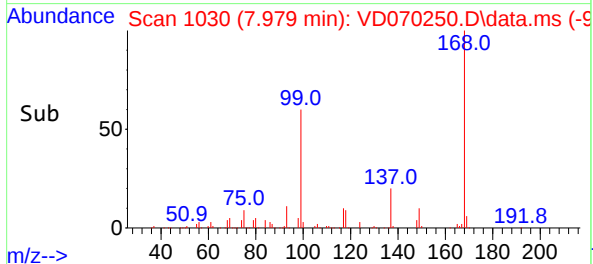
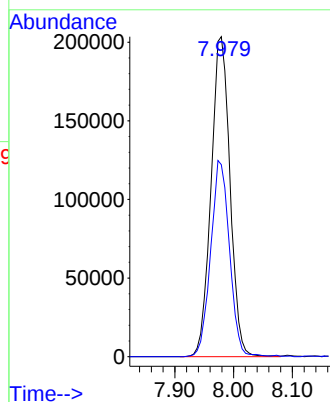
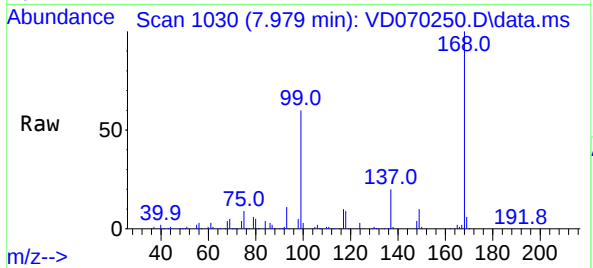




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

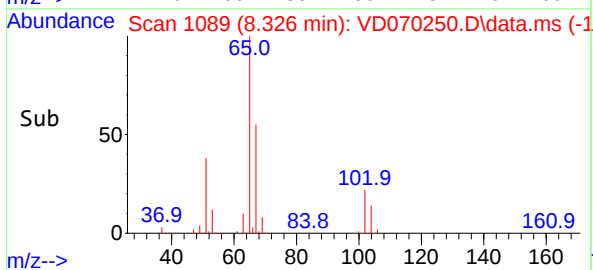
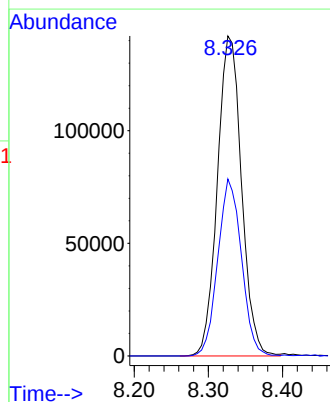
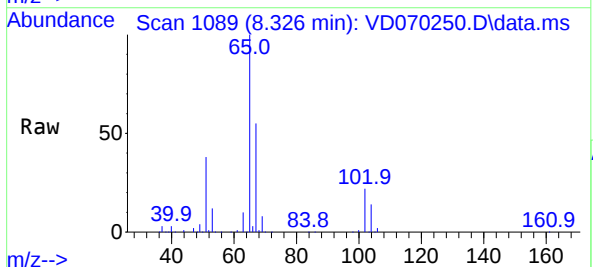
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

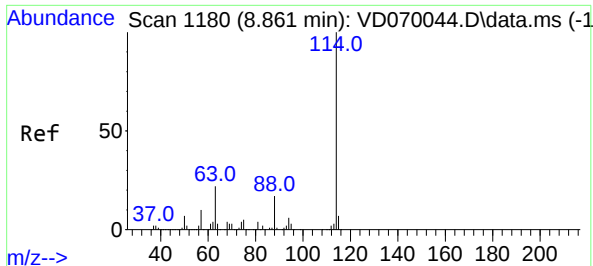
Tgt Ion:168 Resp: 455892
Ion Ratio Lower Upper
168 100
99 60.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 59.963 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion: 65 Resp: 321522
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8



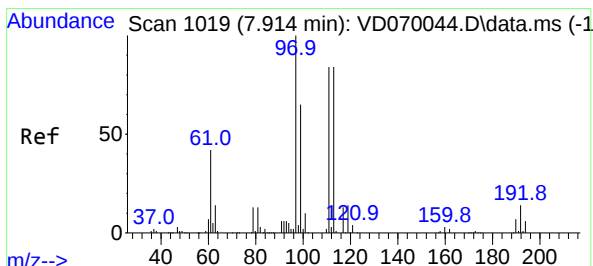
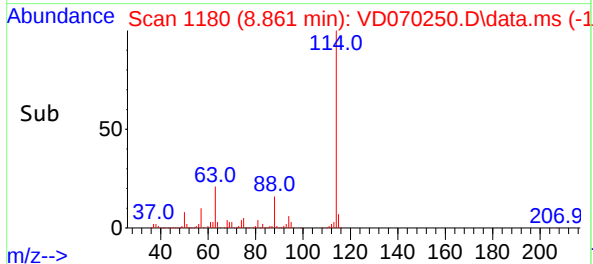
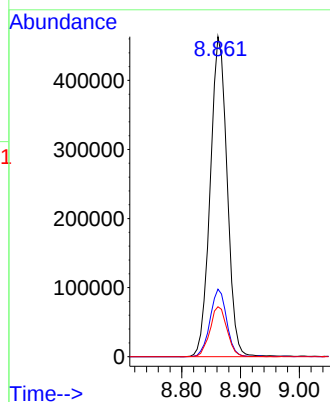
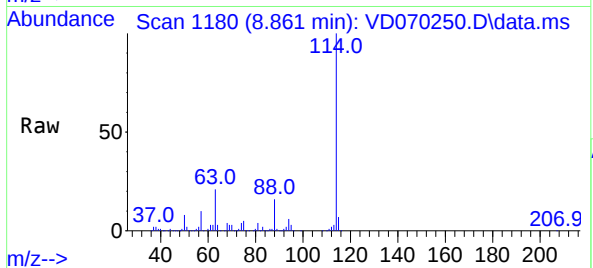


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

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SAMPLE-4-(177.00)-VOC-GRAB

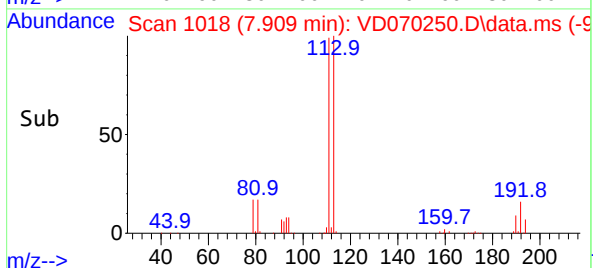
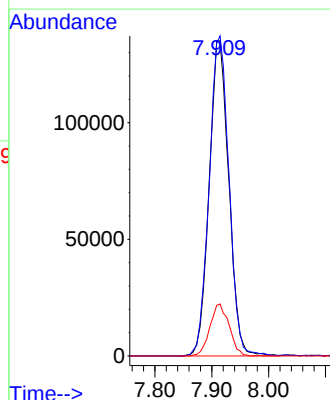
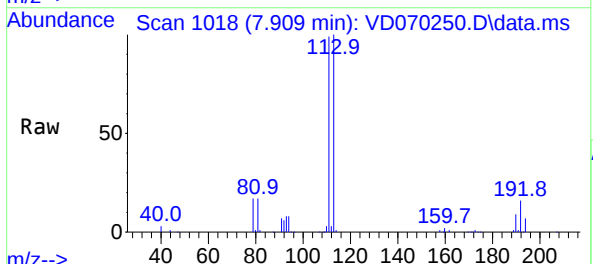
Tgt Ion:	114	Resp:	923865
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.6
88	15.6	0.0	33.4

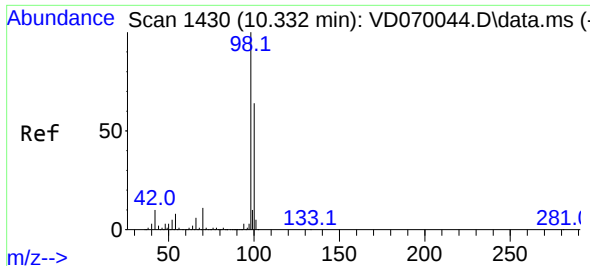


#35

Dibromofluoromethane
Concen: 54.198 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

Tgt Ion:	113	Resp:	323497
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.6
192	16.2	13.2	19.8

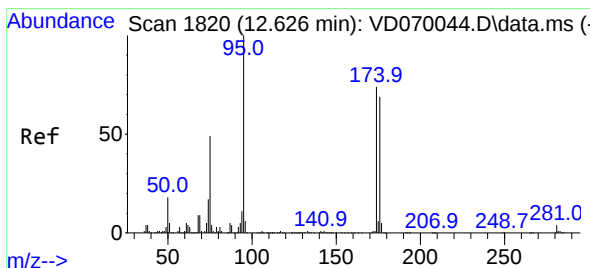
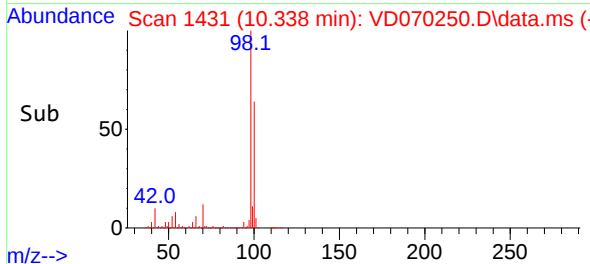
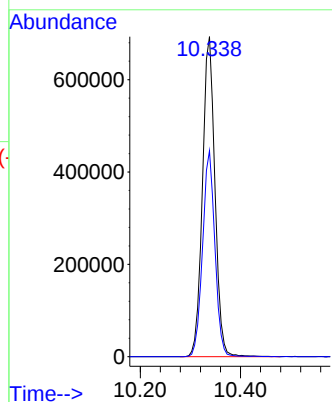
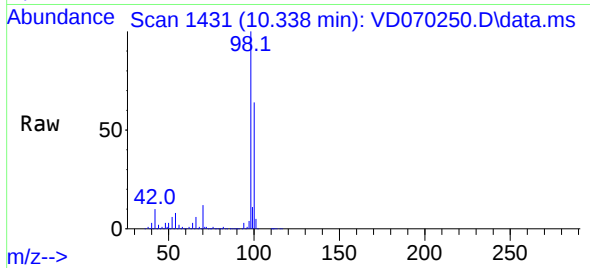




#50
Toluene-d8
Concen: 51.597 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

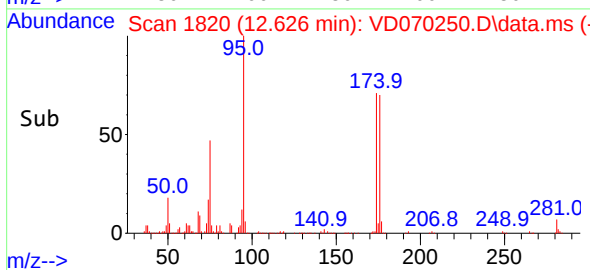
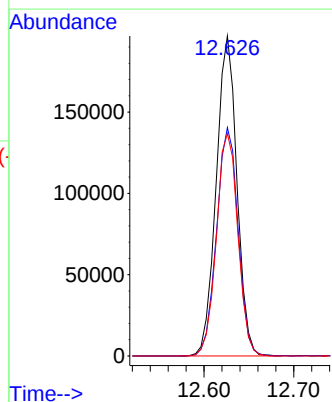
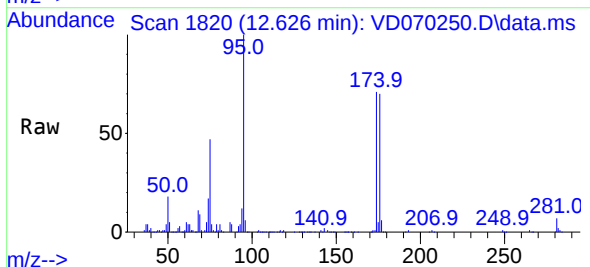
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB

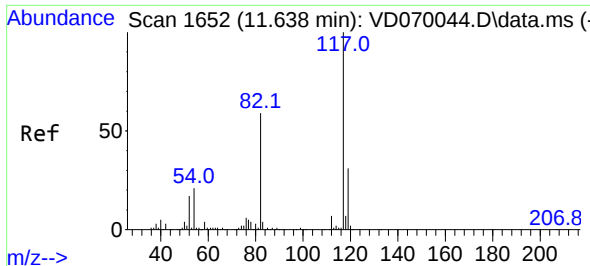
Tgt Ion: 98 Resp: 1197844
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.175 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

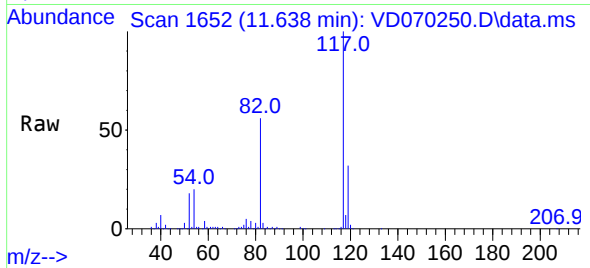
Tgt Ion: 95 Resp: 314847
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 71.9 0.0 138.2



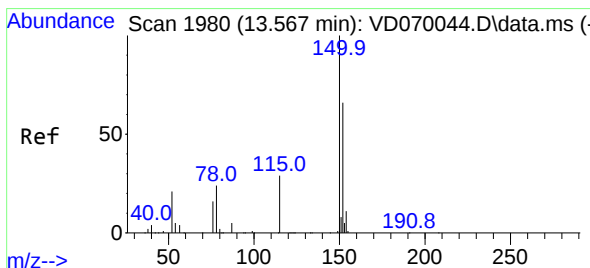
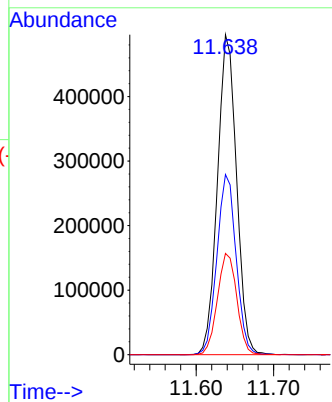
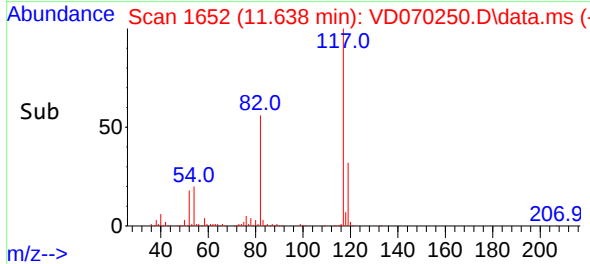


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070250.D
Acq: 25 Aug 2021 14:43

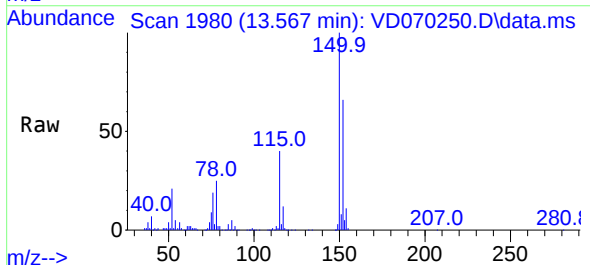
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-4-(177.00)-VOC-GRAB



Tgt Ion:117 Resp: 849464
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 31.7 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: VD070250.D
Acq: 25 Aug 2021 14:43



Tgt Ion:152 Resp: 262937
Ion Ratio Lower Upper
152 100
115 61.9 31.2 93.6
150 156.9 0.0 352.0

