

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070258.D
 Acq On : 25 Aug 2021 18:32
 Operator : VA/SY
 Sample : M3540-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-2-082521

Quant Time: Aug 26 02:46:32 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	38998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	71955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	83221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	41827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	46124	100.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	201.120%#
35) Dibromofluoromethane	7.909	113	27100	58.295	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.600%
50) Toluene-d8	10.338	98	95361	52.741	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.480%
62) 4-Bromofluorobenzene	12.620	95	36053	60.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.080%

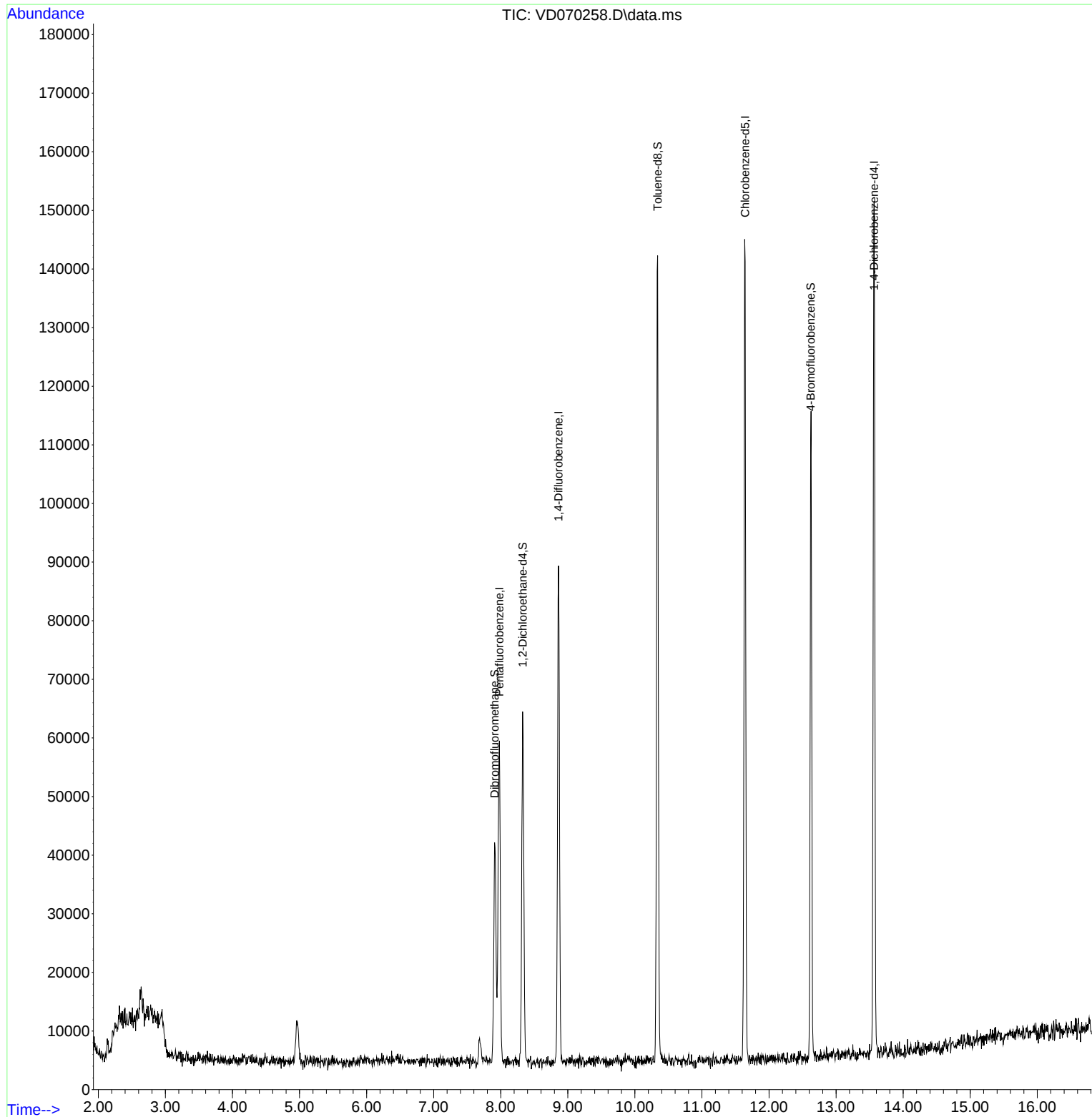
Target Compounds	Qvalue

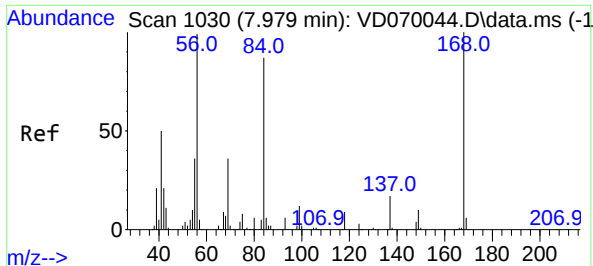
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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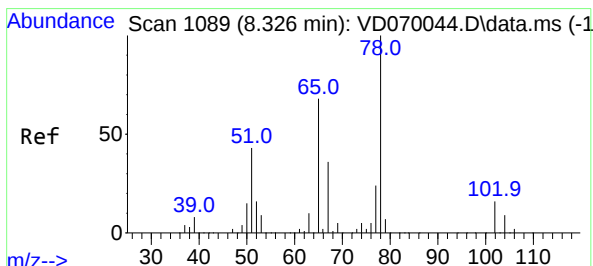
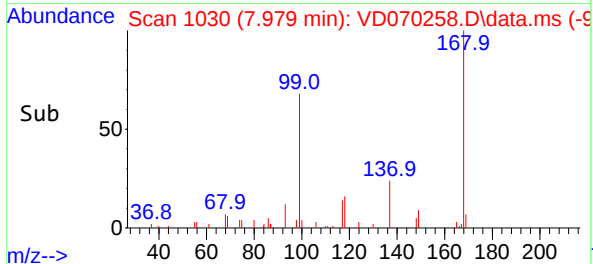
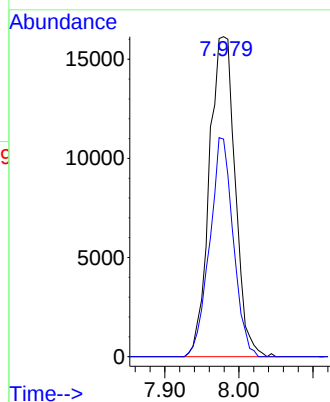
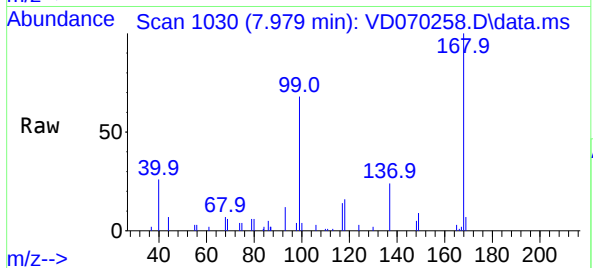




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

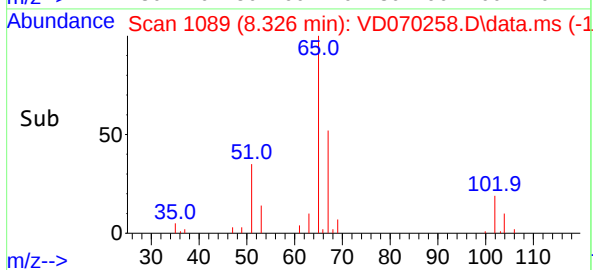
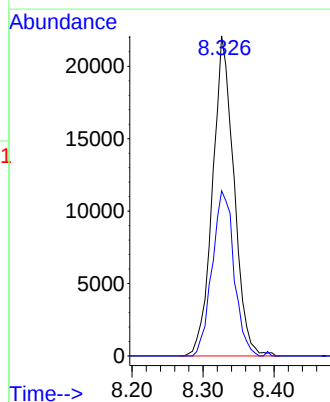
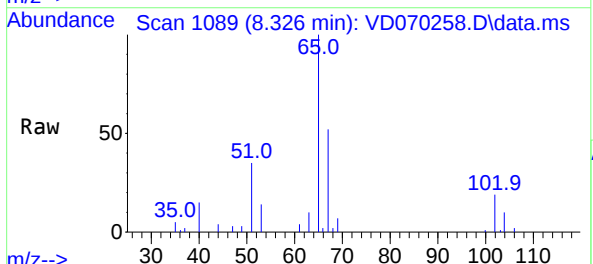
Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521

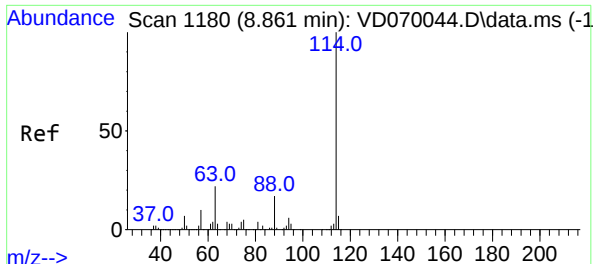
Tgt Ion:168 Resp: 38998
Ion Ratio Lower Upper
168 100
99 68.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 100.559 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Tgt Ion: 65 Resp: 46124
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.8



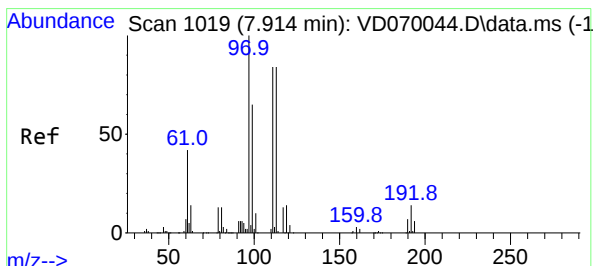
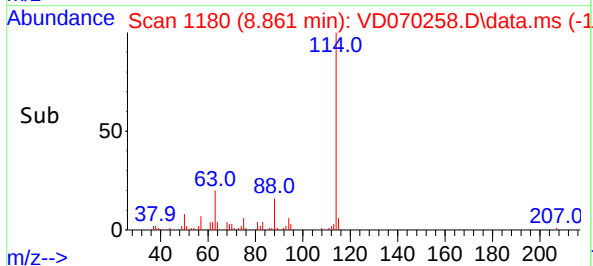
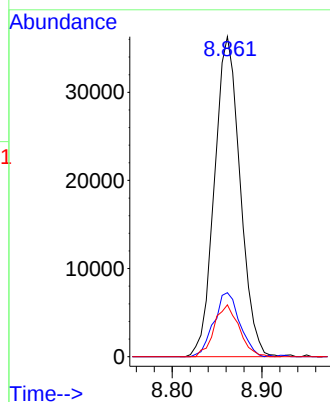
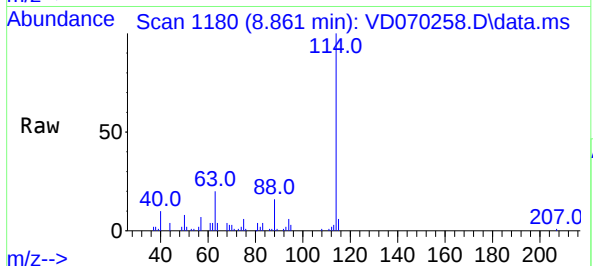


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521

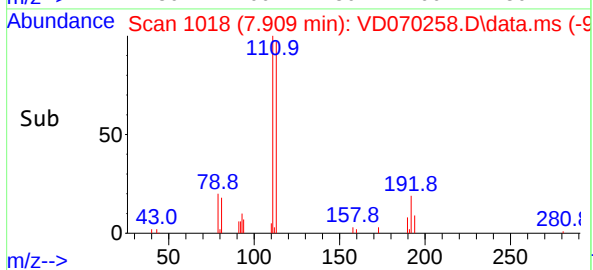
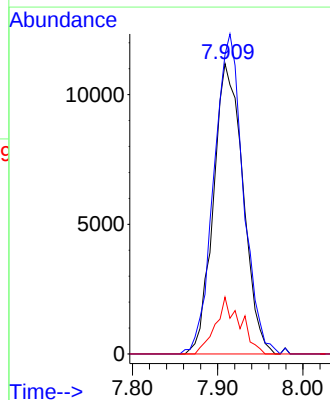
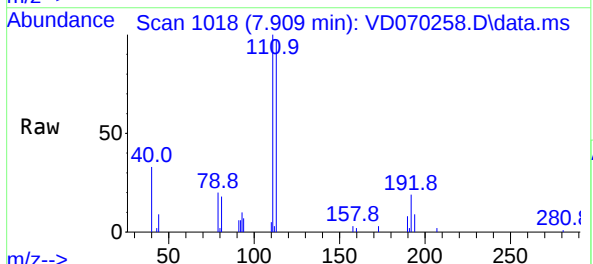
Tgt Ion:	114	Resp:	71955
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	43.6
88	16.2	0.0	33.4

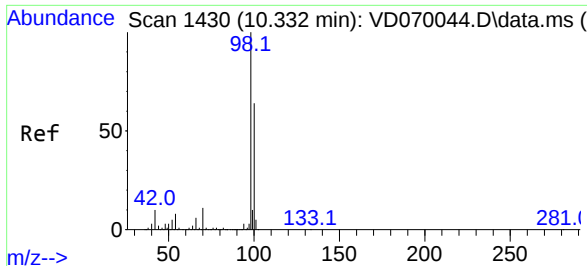


#35

Dibromofluoromethane
Concen: 58.295 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Tgt Ion:	113	Resp:	27100
Ion Ratio	Lower	Upper	
113	100		
111	108.9	81.8	122.6
192	16.4	13.2	19.8

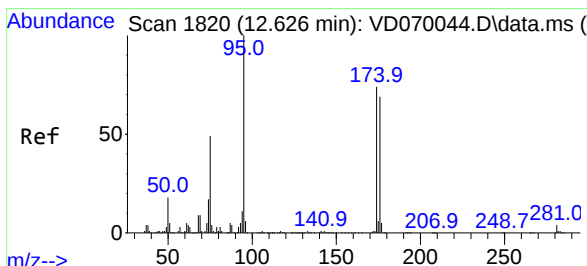
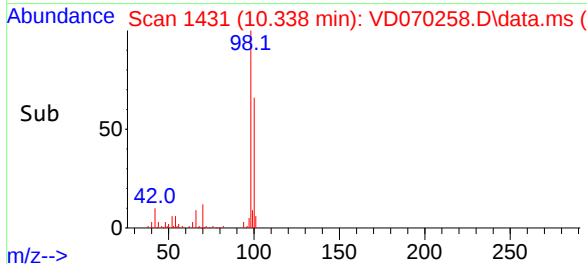
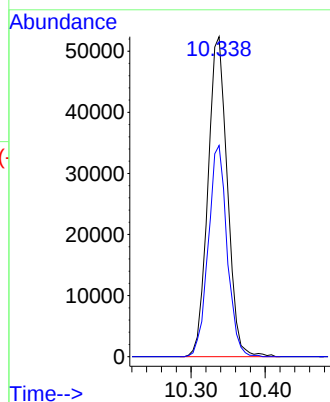
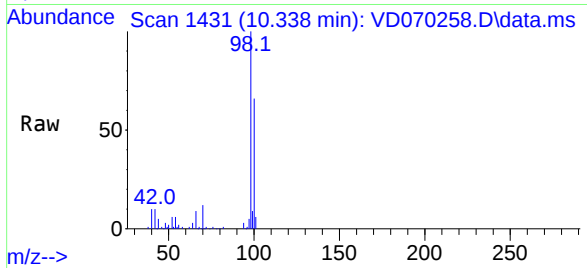




#50
Toluene-d8
Concen: 52.741 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

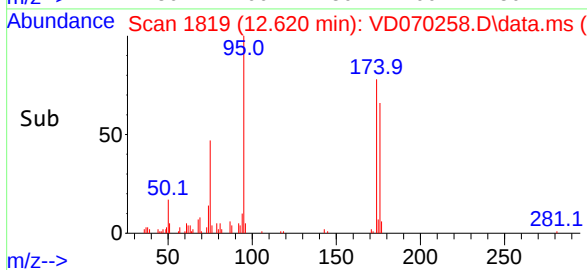
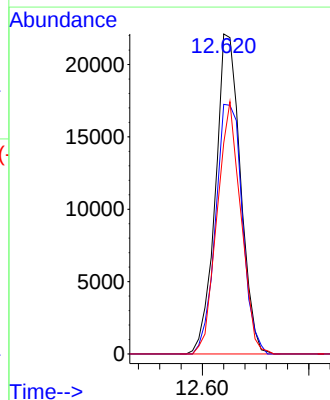
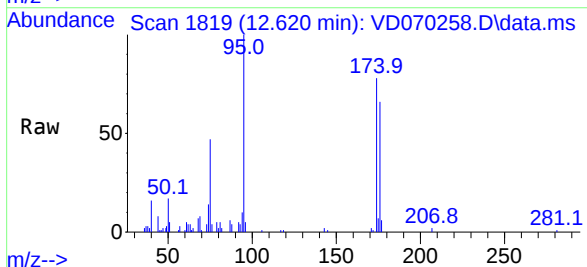
Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521

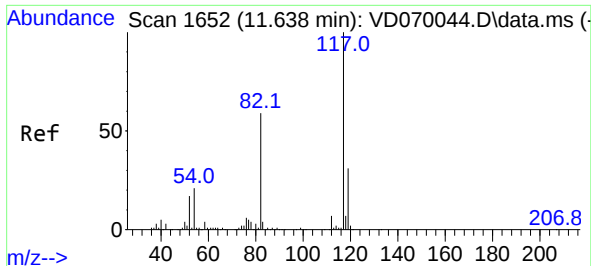
Tgt Ion: 98 Resp: 95361
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.538 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

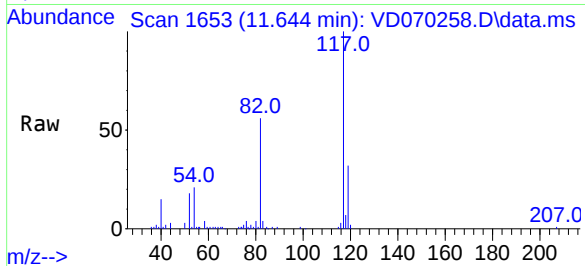
Tgt Ion: 95 Resp: 36053
Ion Ratio Lower Upper
95 100
174 83.0 0.0 141.6
176 74.8 0.0 138.2





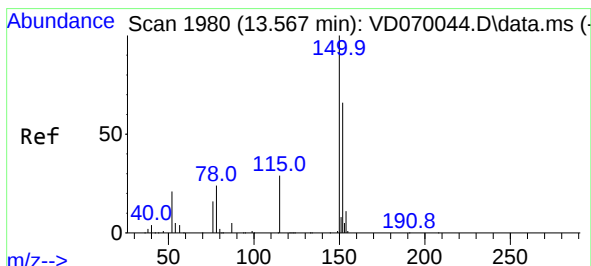
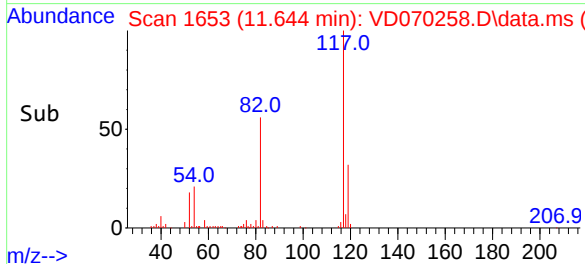
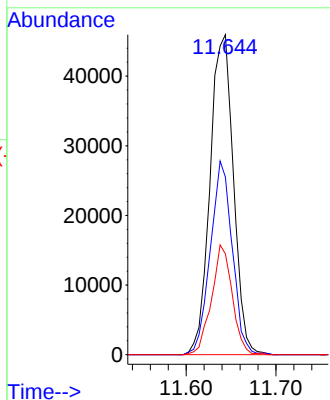
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070258.D
Acq: 25 Aug 2021 18:32

Instrument :
MSVOA_D
ClientSampleId :
OR-2-082521

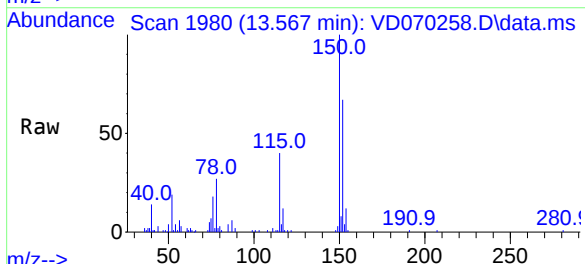


Tgt Ion:117 Resp: 83221

Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.5	71.3
119	31.5	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: VD070258.D
Acq: 25 Aug 2021 18:32



Tgt Ion:152 Resp: 41827

Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.2	93.6
150	156.8	0.0	352.0

