

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070168.D
 Acq On : 19 Aug 2021 15:20
 Operator : VA/SY
 Sample : M3476-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-081821

Quant Time: Aug 20 05:47:37 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	532992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1040718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1007708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	429429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	335414	53.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.020%
35) Dibromofluoromethane	7.914	113	348342	51.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.620%
50) Toluene-d8	10.338	98	1345637	51.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.920%
62) 4-Bromofluorobenzene	12.626	95	429394	49.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.700%

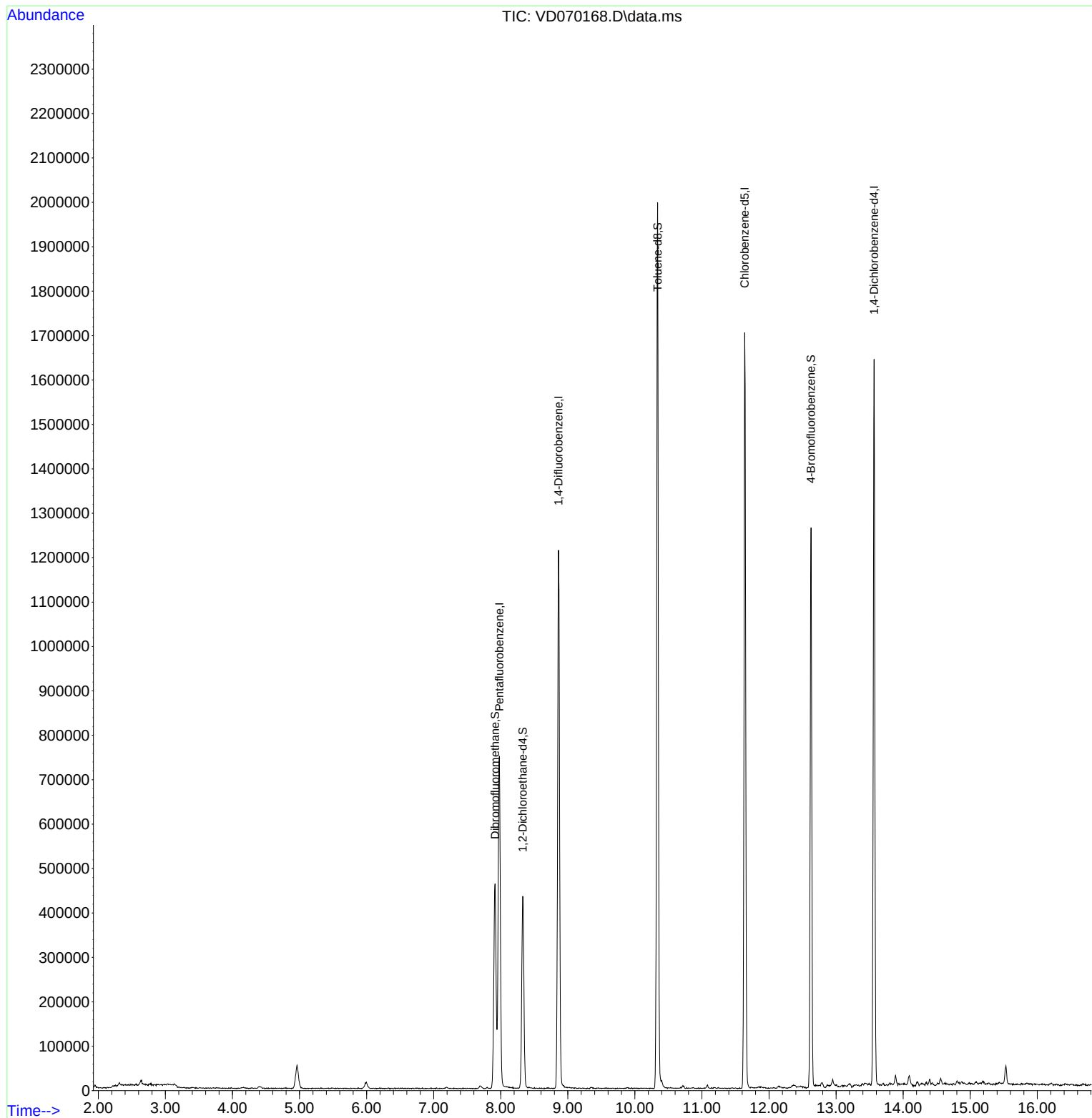
Target Compounds	Qvalue

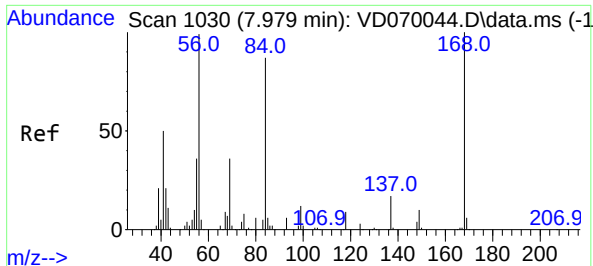
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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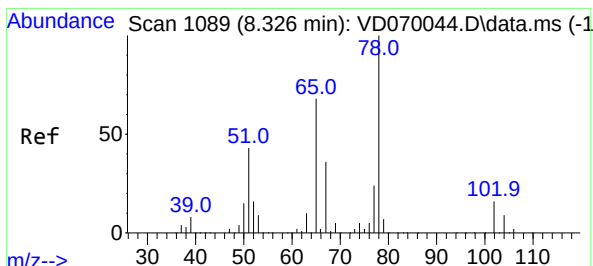
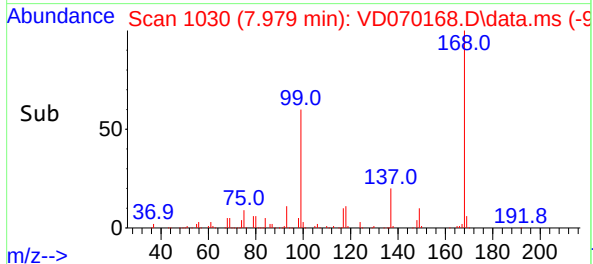
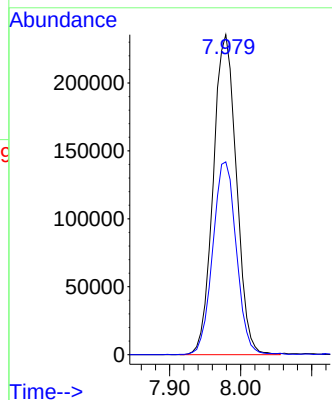
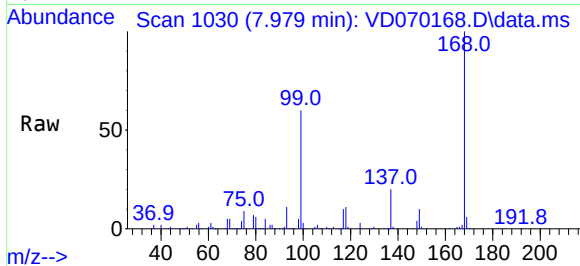




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070168.D
 Acq: 19 Aug 2021 15:20

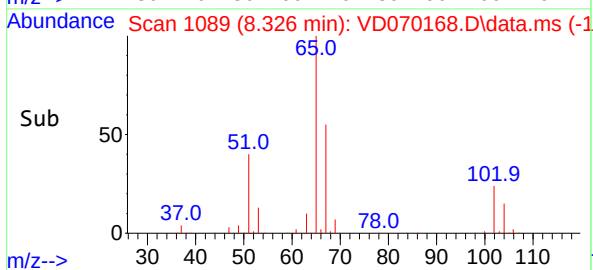
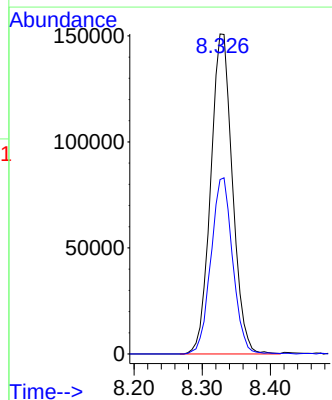
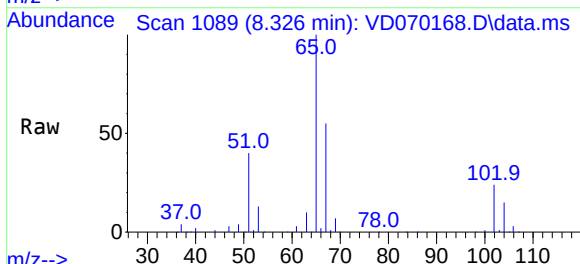
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-081821

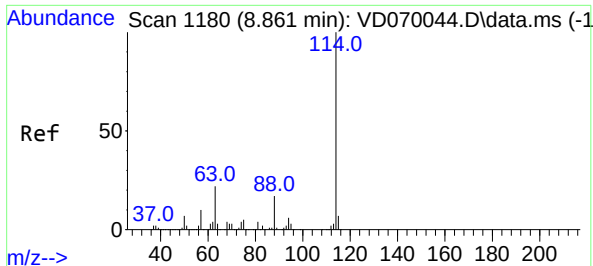
Tgt Ion:168 Resp: 532992
 Ion Ratio Lower Upper
 168 100
 99 60.2 50.3 75.5



1,2-Dichloroethane-d4
 Concen: 53.505 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070168.D
 Acq: 19 Aug 2021 15:20

Tgt Ion: 65 Resp: 335414
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 107.8



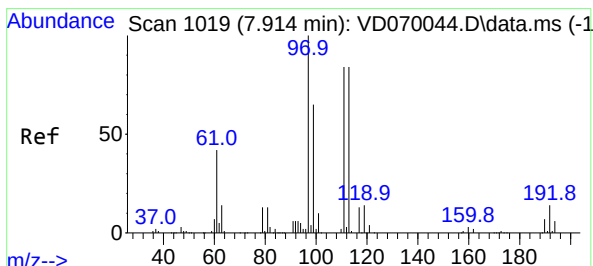
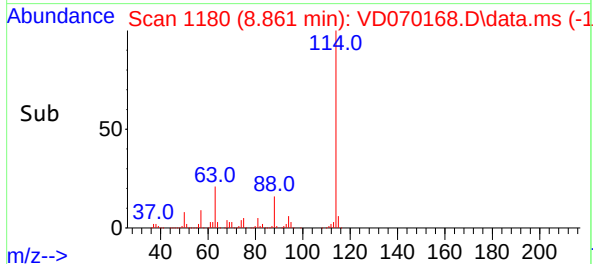
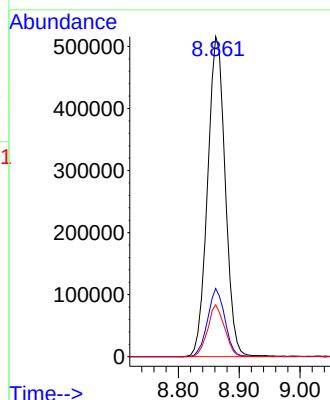
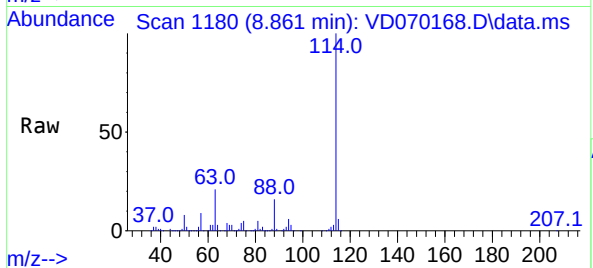


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070168.D
Acq: 19 Aug 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
OR-03-081821

Tgt Ion:114 Resp: 1040718

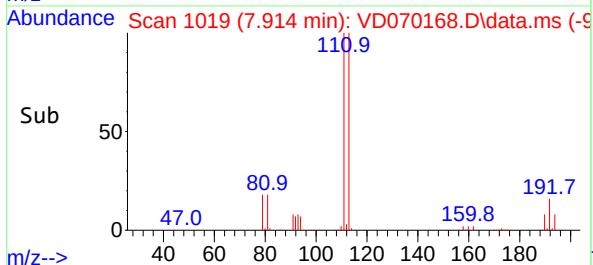
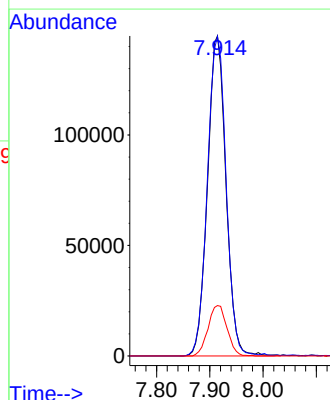
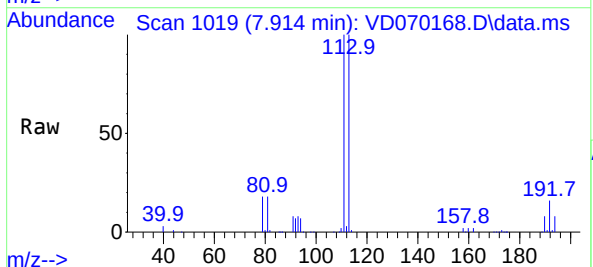
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	43.6
88	16.2	0.0	33.4

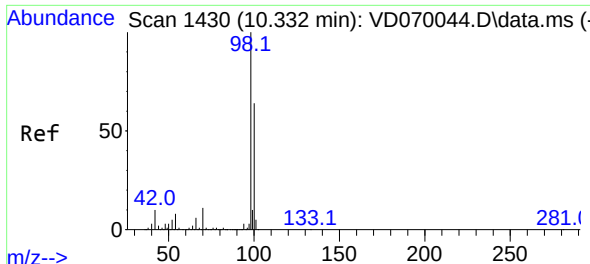


#35
Dibromofluoromethane
Concen: 51.808 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070168.D
Acq: 19 Aug 2021 15:20

Tgt Ion:113 Resp: 348342

Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.6
192	16.2	13.2	19.8

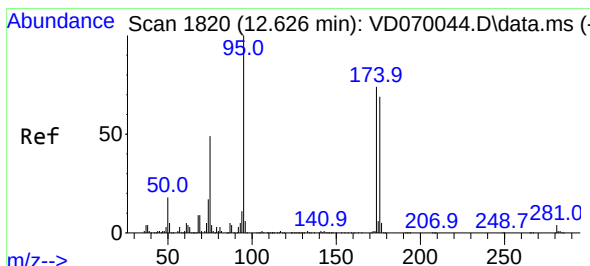
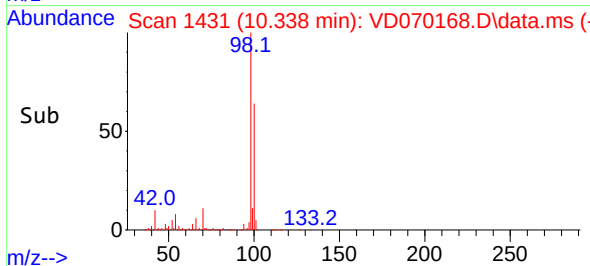
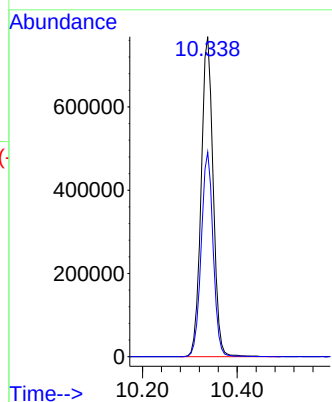
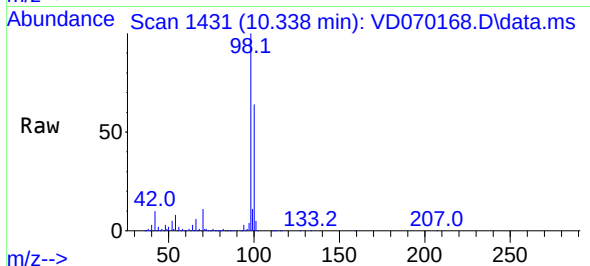




#50
Toluene-d8
Concen: 51.455 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070168.D
Acq: 19 Aug 2021 15:20

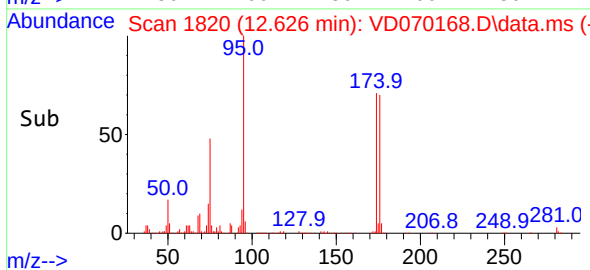
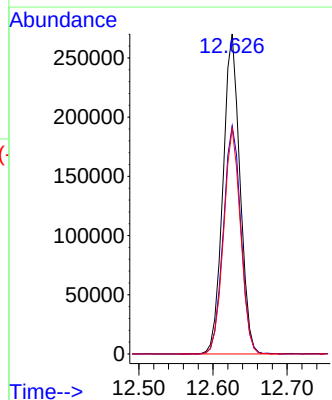
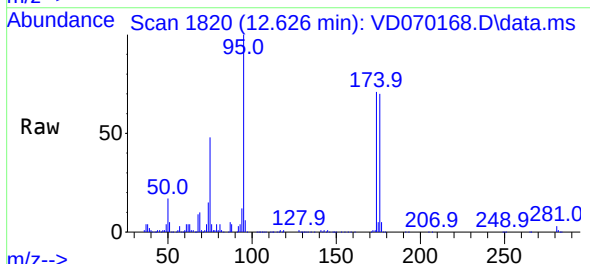
Instrument :
MSVOA_D
ClientSampleId :
OR-03-081821

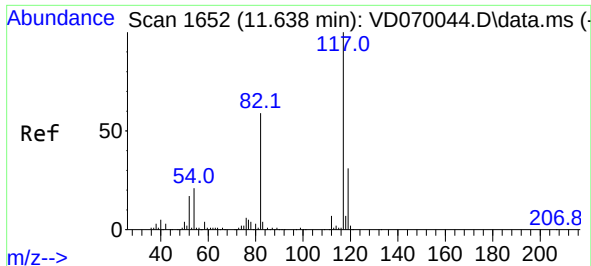
Tgt Ion: 98 Resp: 1345637
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.850 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070168.D
Acq: 19 Aug 2021 15:20

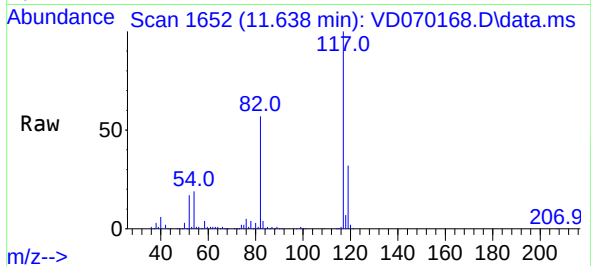
Tgt Ion: 95 Resp: 429394
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 70.4 0.0 138.2





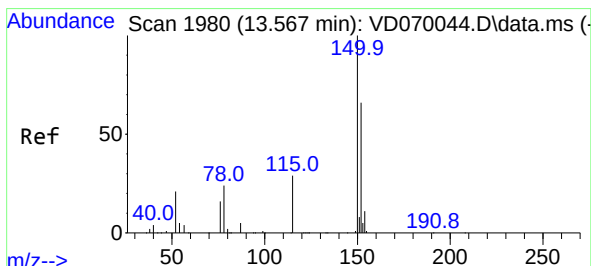
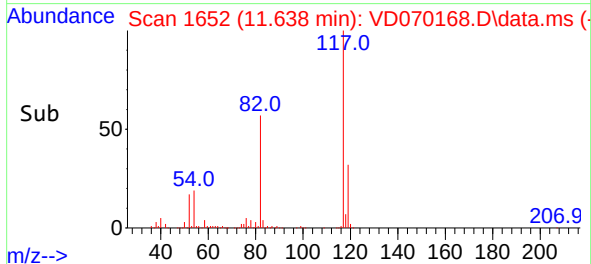
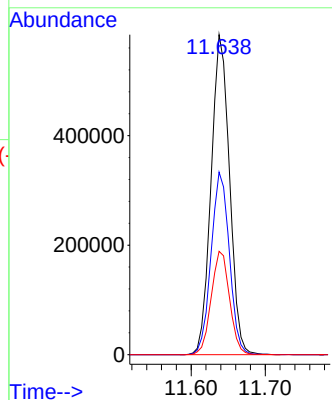
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070168.D
Acq: 19 Aug 2021 15:20

Instrument :
MSVOA_D
ClientSampleId :
OR-03-081821



Tgt Ion:117 Resp: 1007708

Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.5	71.3
119	32.3	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: VD070168.D
Acq: 19 Aug 2021 15:20

Tgt Ion:152 Resp: 429429

Ion	Ratio	Lower	Upper
152	100		
115	59.8	31.2	93.6
150	157.6	0.0	352.0

