

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070807.D
 Acq On : 21 Oct 2021 18:15
 Operator : VA/SY
 Sample : M4294-07
 Misc : 4.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2-GS

Quant Time: Oct 22 06:17:01 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	7.973	168	431538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	775333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	732584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	303409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267350	52.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.620%
35) Dibromofluoromethane	7.914	113	255795	51.525	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.040%
50) Toluene-d8	10.332	98	1025678	53.896	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.800%
62) 4-Bromofluorobenzene	12.620	95	309682	47.259	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.520%

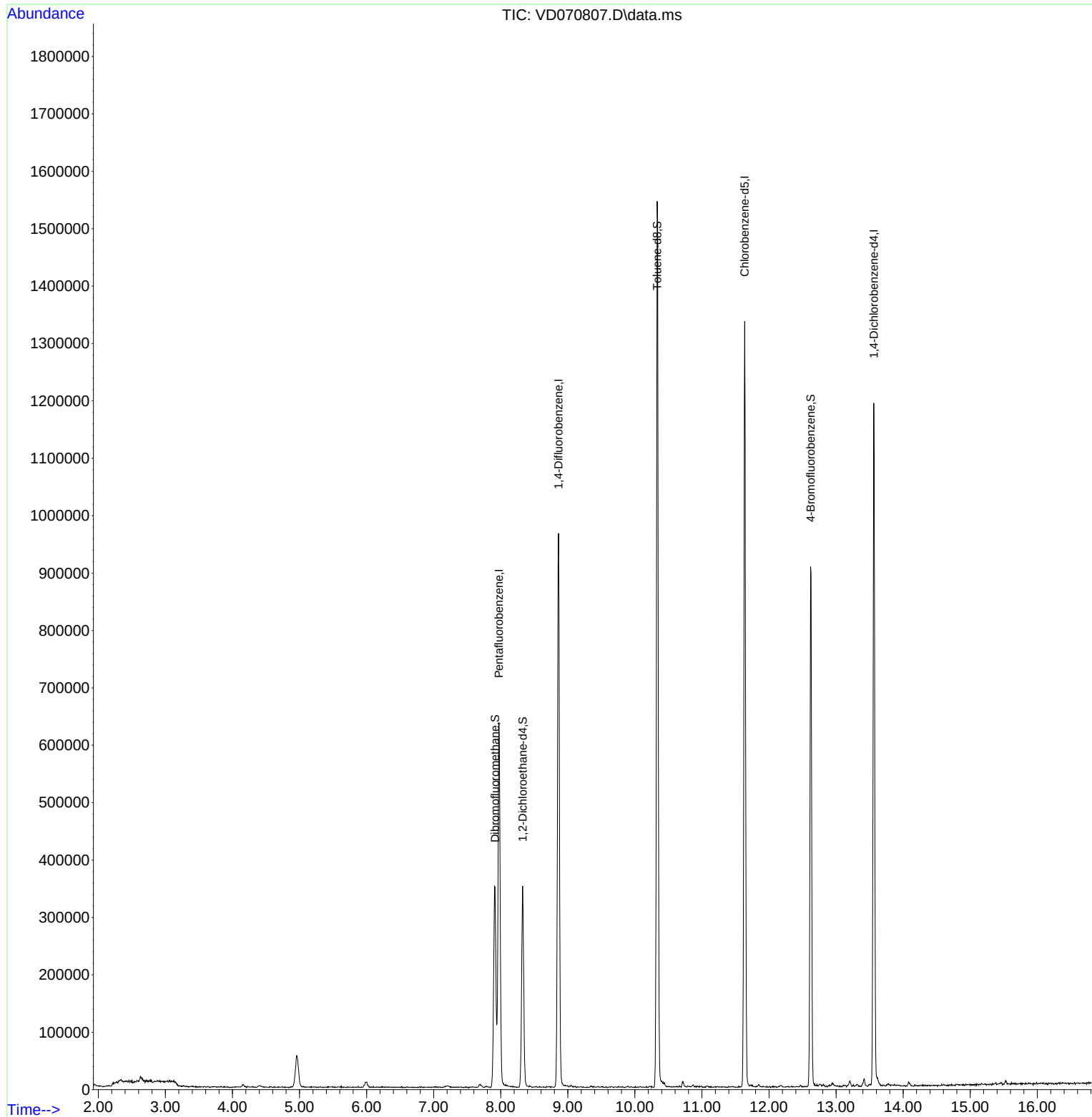
Target Compounds	Qvalue

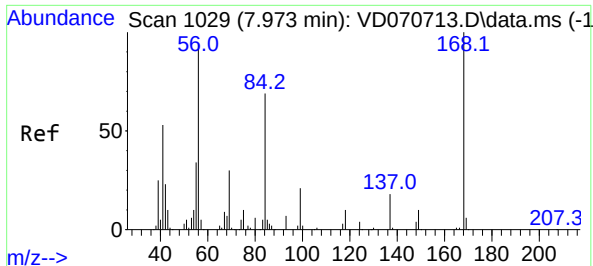
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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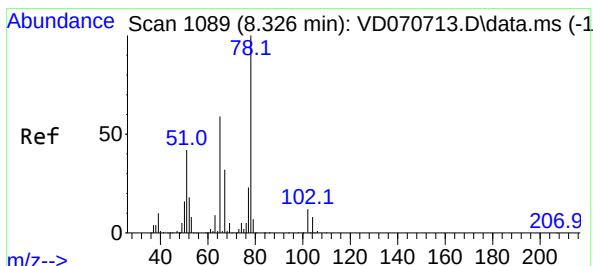
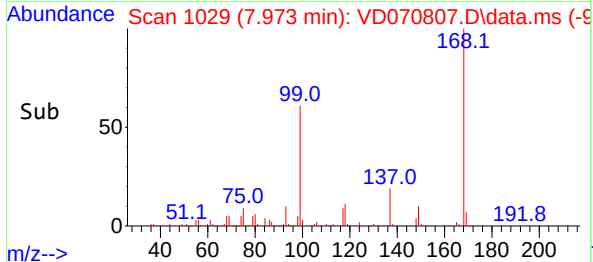
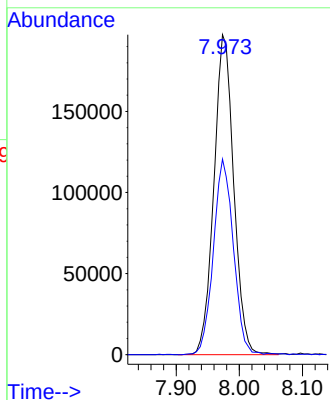
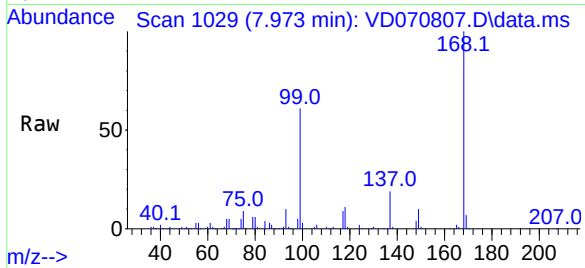




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

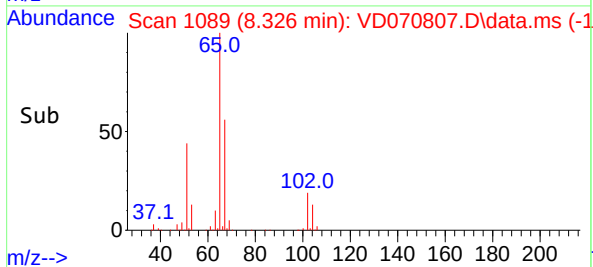
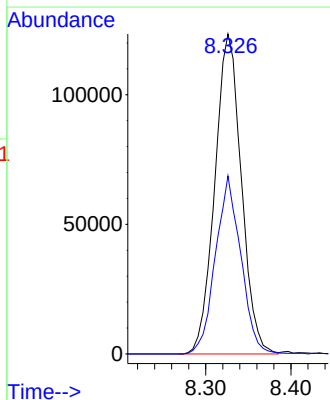
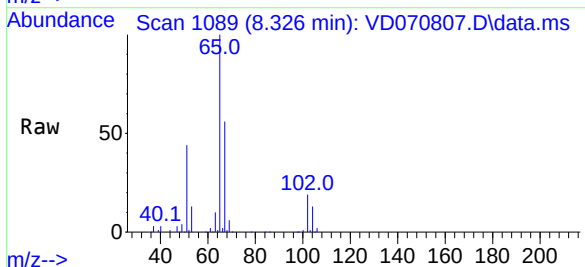
Instrument :
MSVOA_D
ClientSampleId :
WC-2-GS

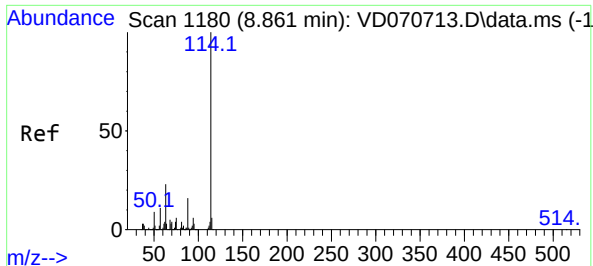
Tgt Ion:168 Resp: 431538
Ion Ratio Lower Upper
168 100
99 61.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.306 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion: 65 Resp: 267350
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2



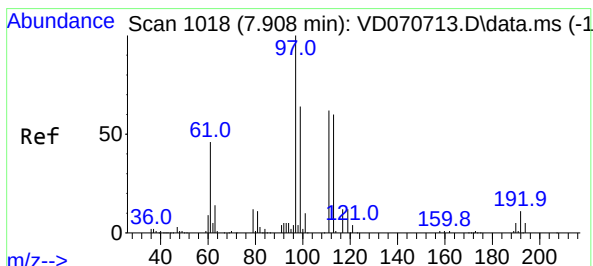
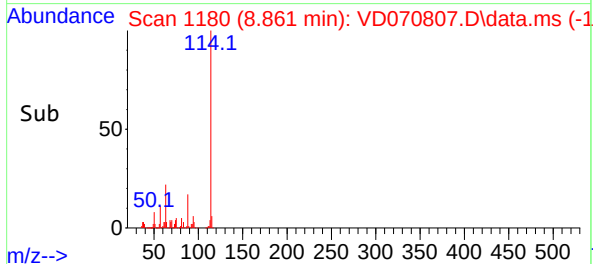
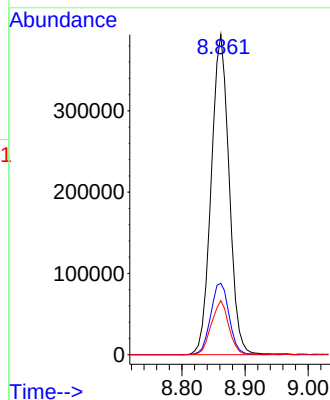
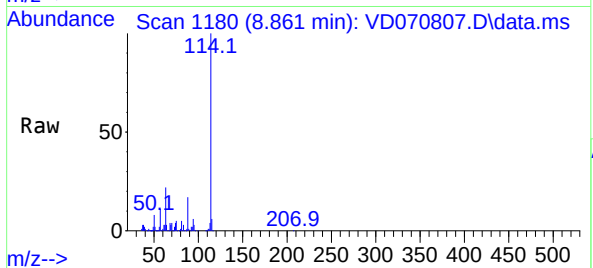


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Instrument :
MSVOA_D
ClientSampled :
WC-2-GS

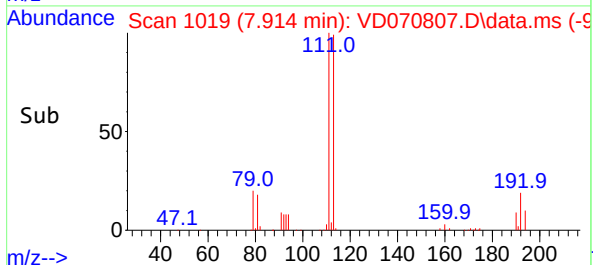
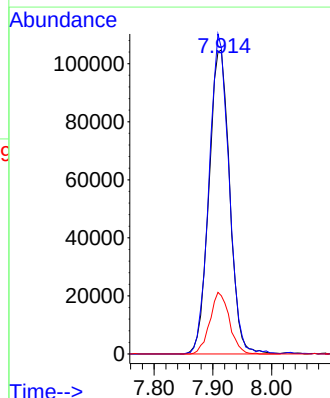
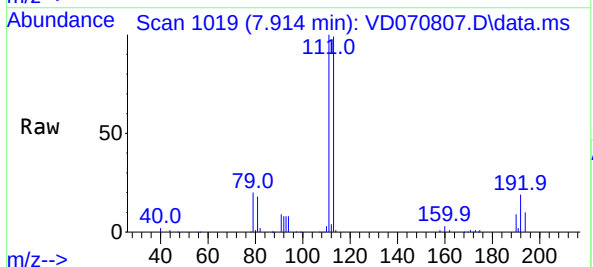
Tgt Ion:114 Resp: 775333
Ion Ratio Lower Upper
114 100
63 22.3 0.0 41.8
88 16.9 0.0 32.6

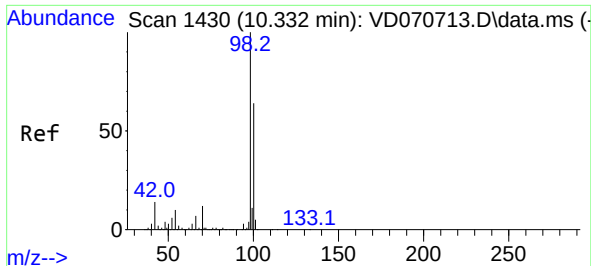


#35

Dibromofluoromethane
Concen: 51.525 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion:113 Resp: 255795
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 19.2 12.7 19.1#

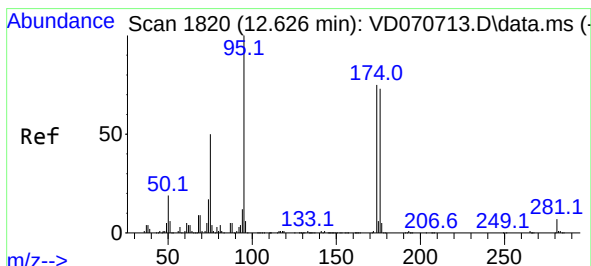
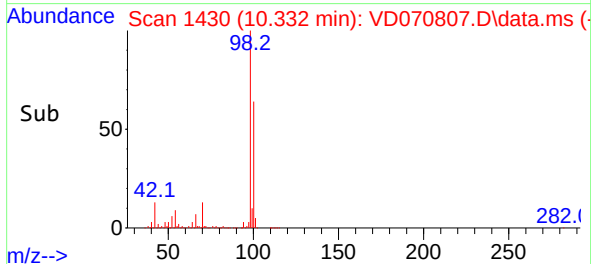
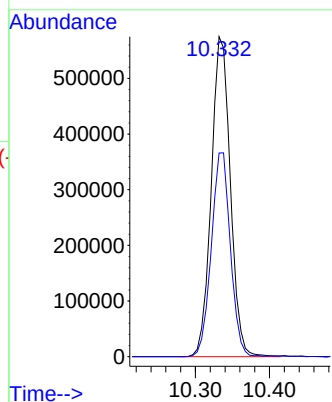
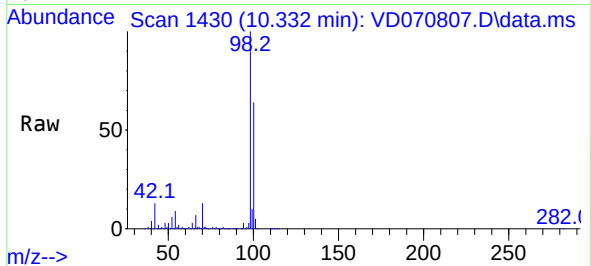




#50
Toluene-d8
Concen: 53.896 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

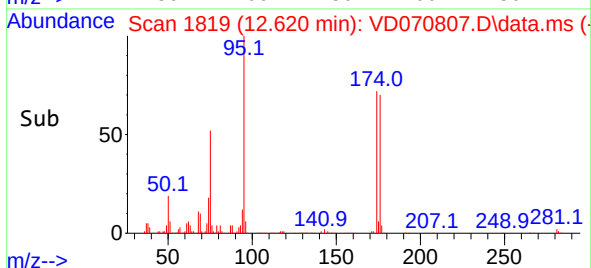
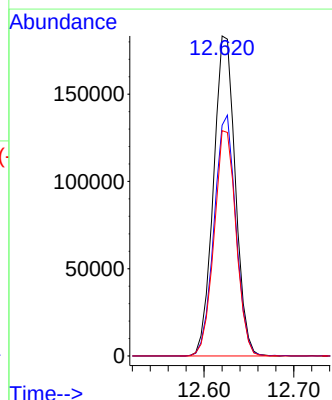
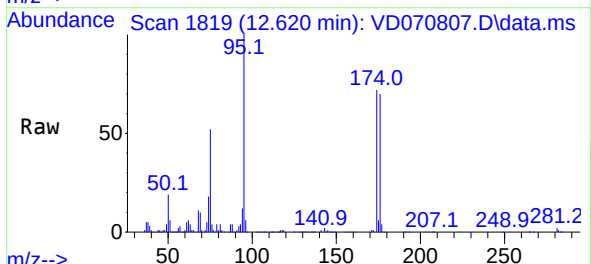
Instrument :
MSVOA_D
ClientSampleId :
WC-2-GS

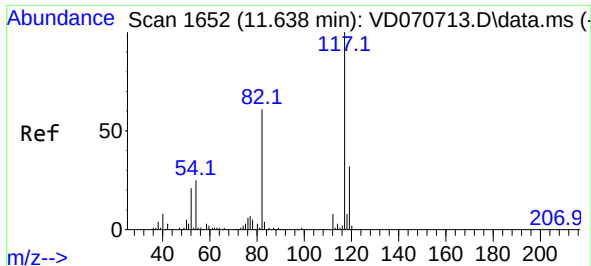
Tgt Ion: 98 Resp: 1025678
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion: 95 Resp: 309682
Ion Ratio Lower Upper
95 100
174 75.0 0.0 138.0
176 70.7 0.0 135.6

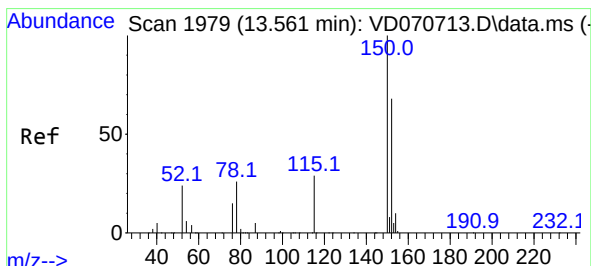
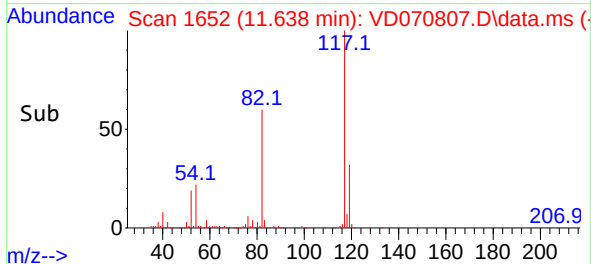
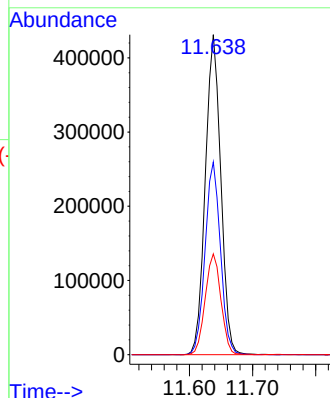
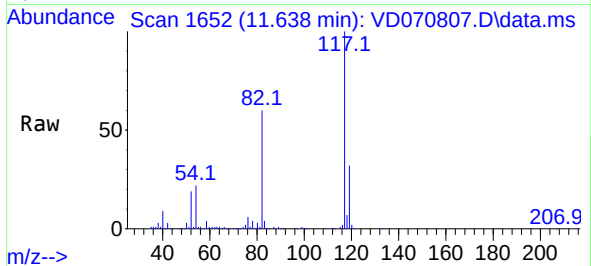




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Instrument :
MSVOA_D
ClientSampleId :
WC-2-GS

Tgt Ion:117 Resp: 732584
Ion Ratio Lower Upper
117 100
82 60.2 45.4 68.2
119 31.5 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070807.D
Acq: 21 Oct 2021 18:15

Tgt Ion:152 Resp: 303409
Ion Ratio Lower Upper
152 100
115 61.9 31.9 95.7
150 157.0 0.0 350.0

