

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100621\
 Data File : VD070596.D
 Acq On : 06 Oct 2021 16:29
 Operator : VA/SY
 Sample : M4087-09
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-20211005-ROCK

Quant Time: Oct 07 07:01:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	363100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	717725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	676885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	274789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	227288	53.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.380%
35) Dibromofluoromethane	7.914	113	245229	51.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.780%
50) Toluene-d8	10.338	98	926393	50.783	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.560%
62) 4-Bromofluorobenzene	12.626	95	269887	44.266	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.540%

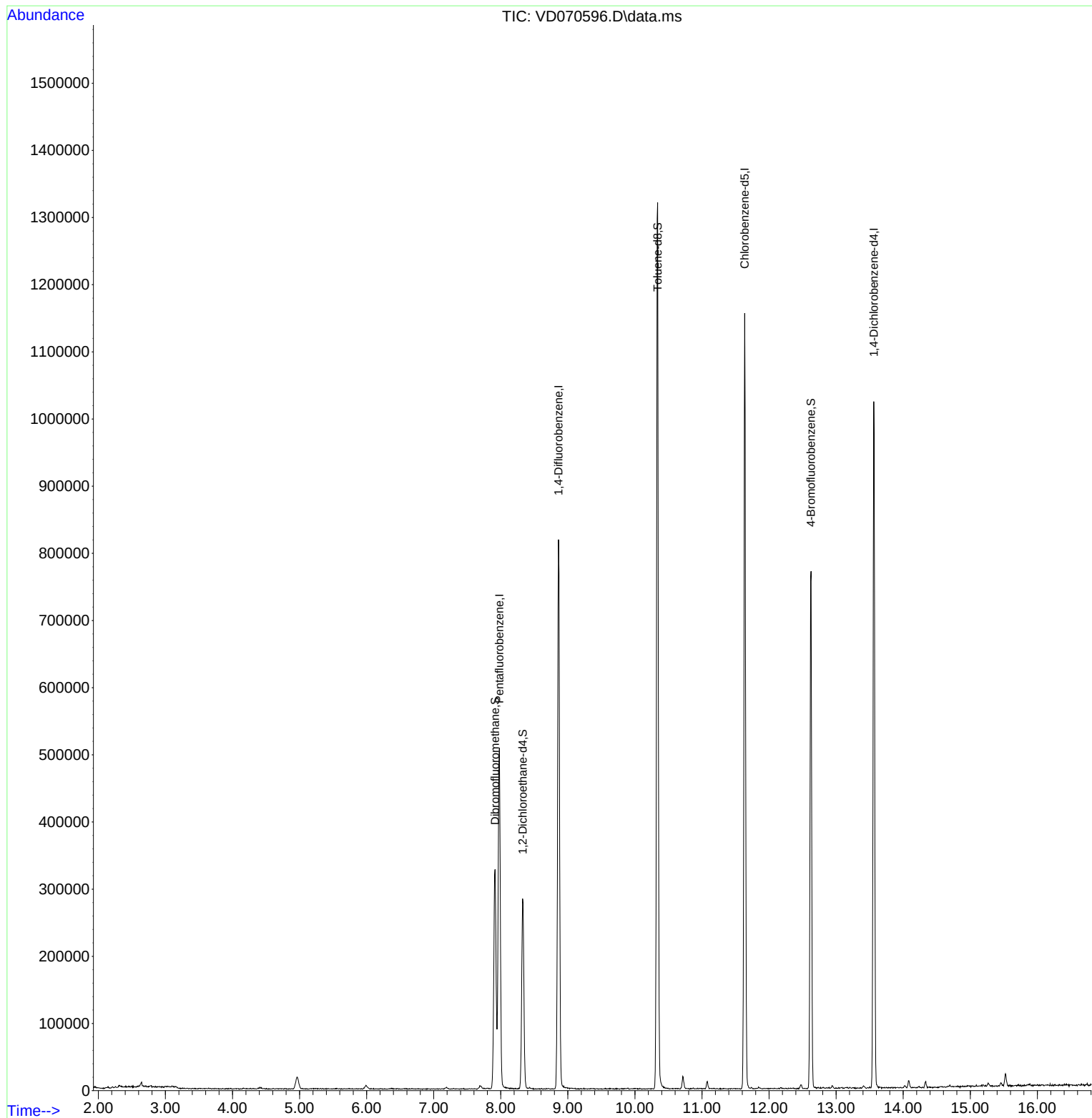
Target Compounds	Qvalue

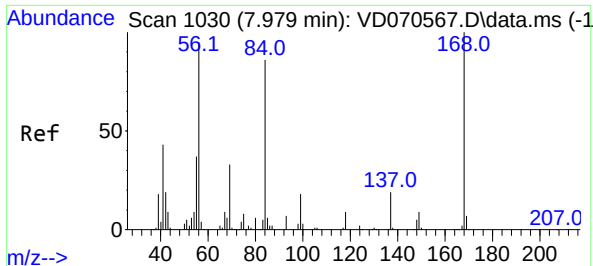
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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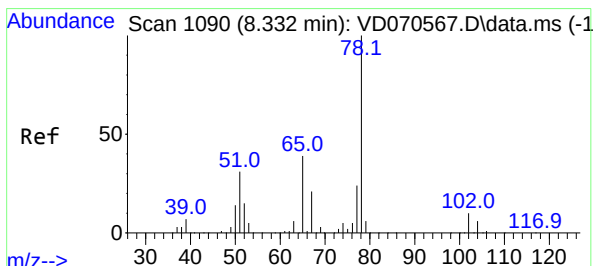
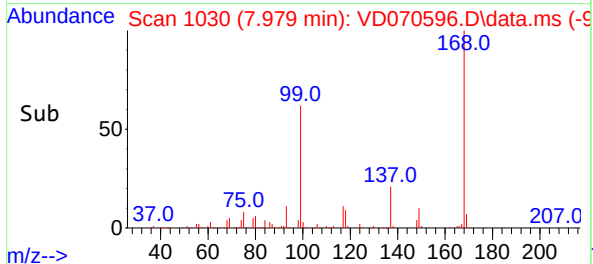
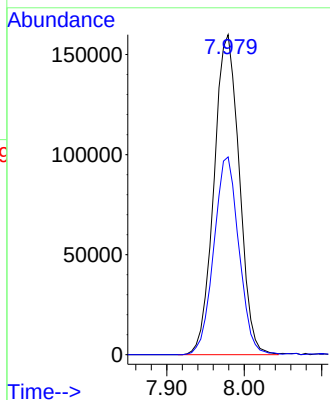
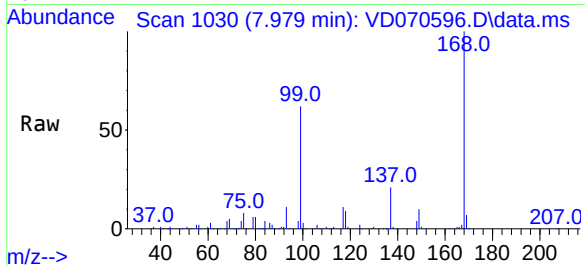




Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.000 min
 Lab File: VD070596.D
 Acq: 06 Oct 2021 16:29

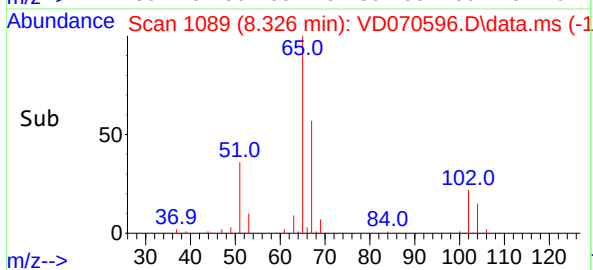
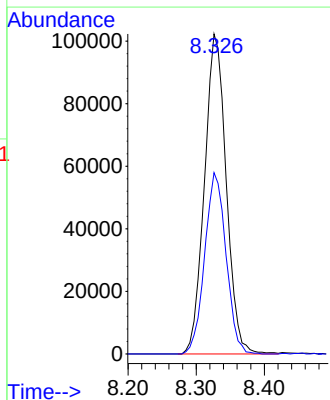
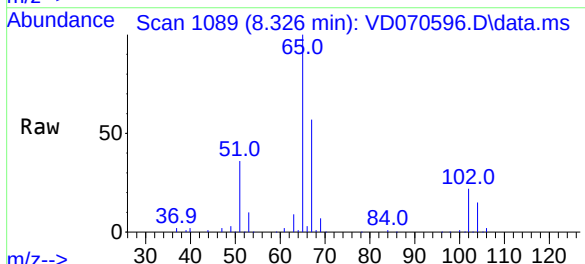
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-20211005-ROCK

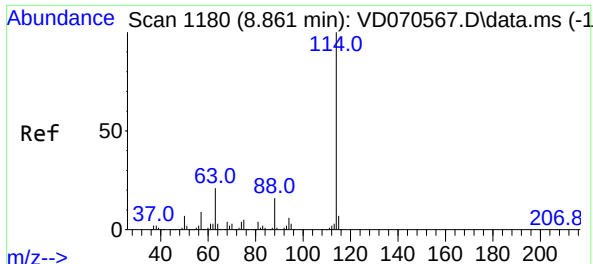
Tgt Ion:168 Resp: 363100
 Ion Ratio Lower Upper
 168 100
 99 61.8 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 53.189 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: VD070596.D
 Acq: 06 Oct 2021 16:29

Tgt Ion: 65 Resp: 227288
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.2





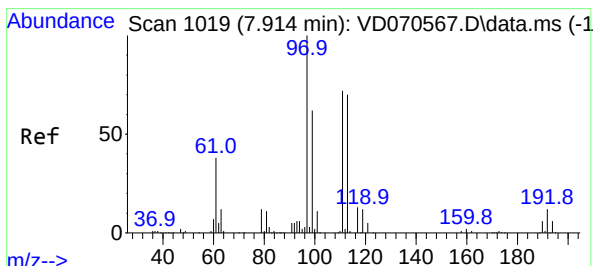
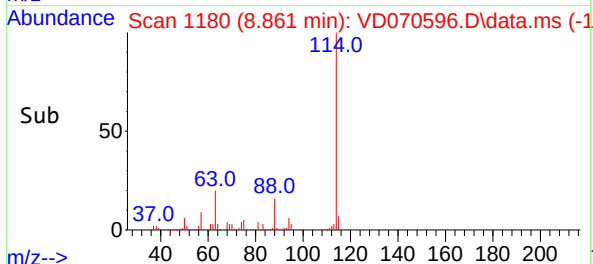
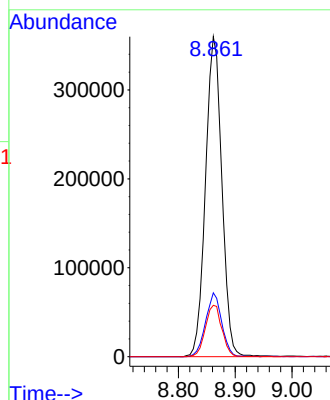
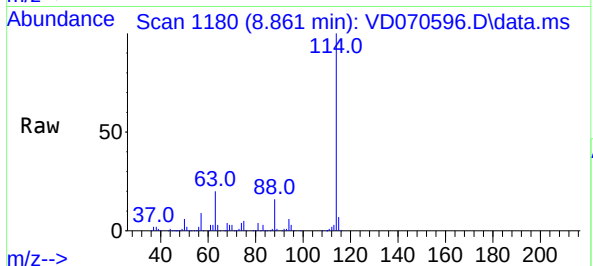
#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070596.D
Acq: 06 Oct 2021 16:29

Instrument :
MSVOA_D
ClientSampleId :
WC-20211005-ROCK

Tgt Ion:114 Resp: 717725

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.8
88	16.0	0.0	32.6

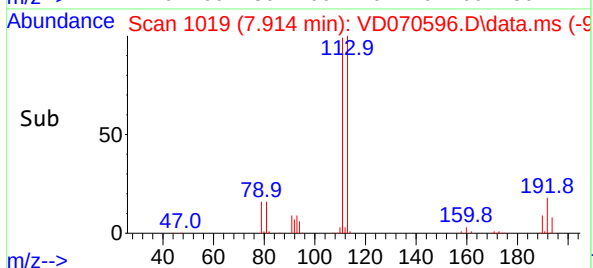
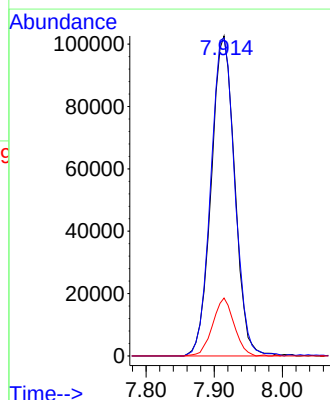
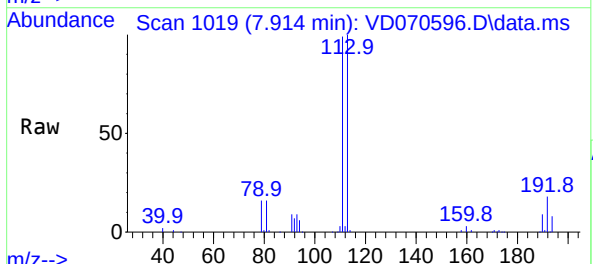


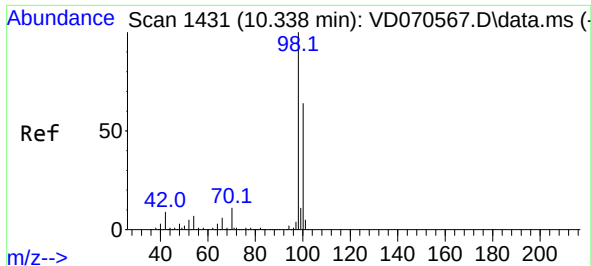
#35

Dibromofluoromethane
Concen: 51.391 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070596.D
Acq: 06 Oct 2021 16:29

Tgt Ion:113 Resp: 245229

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.1	124.7
192	16.7	12.7	19.1

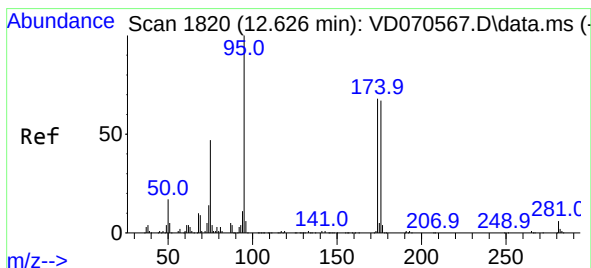
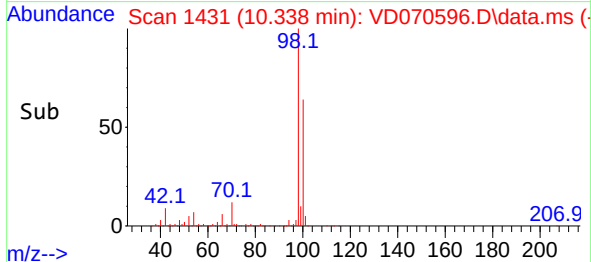
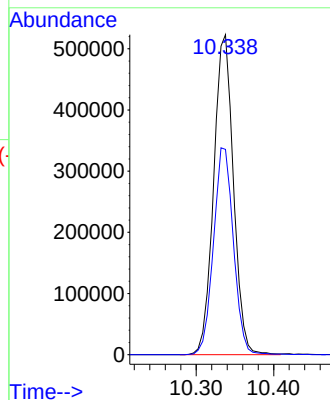
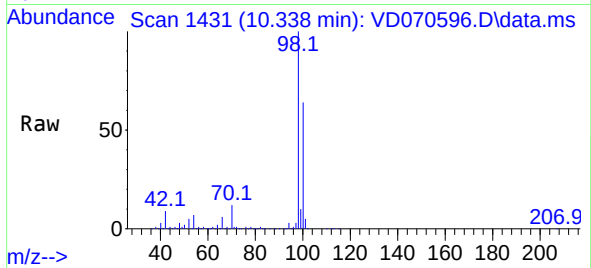




#50
Toluene-d8
Concen: 50.783 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070596.D
Acq: 06 Oct 2021 16:29

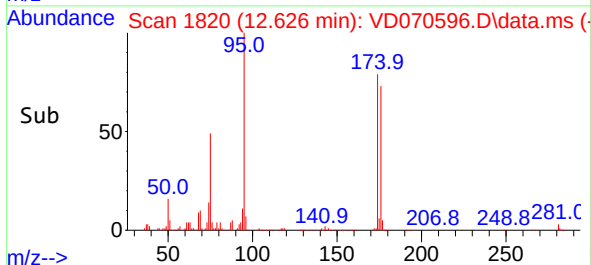
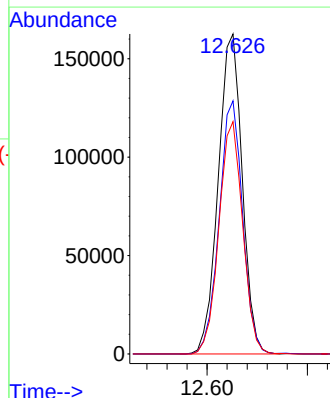
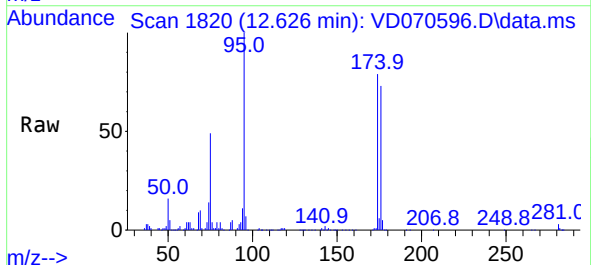
Instrument :
MSVOA_D
ClientSampleId :
WC-20211005-ROCK

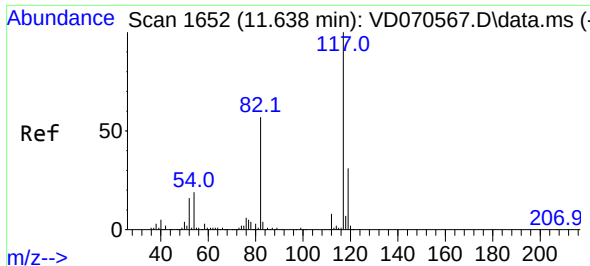
Tgt Ion: 98 Resp: 926393
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.266 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070596.D
Acq: 06 Oct 2021 16:29

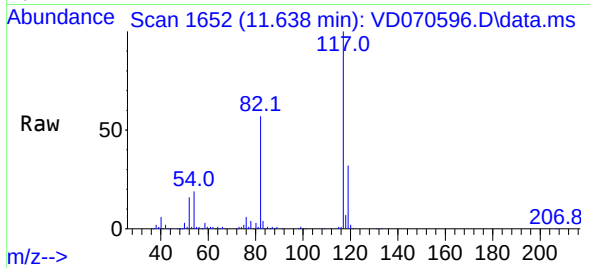
Tgt Ion: 95 Resp: 269887
Ion Ratio Lower Upper
95 100
174 77.5 0.0 138.0
176 71.9 0.0 135.6



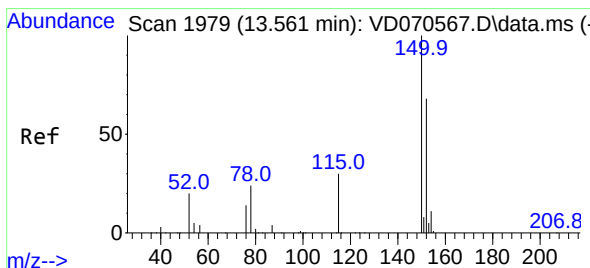
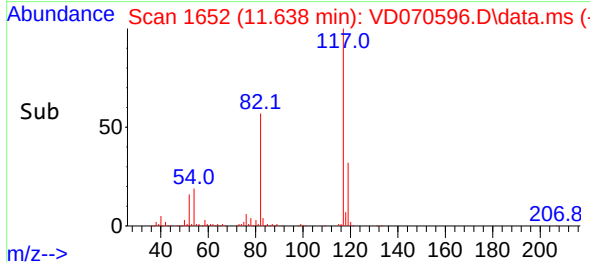
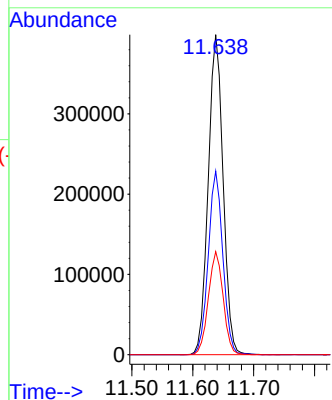


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070596.D
Acq: 06 Oct 2021 16:29

Instrument :
MSVOA_D
ClientSampleId :
WC-20211005-ROCK



Tgt Ion:117 Resp: 676885
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 32.2 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: VD070596.D
Acq: 06 Oct 2021 16:29

Tgt Ion:152 Resp: 274789
Ion Ratio Lower Upper
152 100
115 62.4 31.9 95.7
150 158.7 0.0 350.0

