

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070074.D
 Acq On : 16 Aug 2021 18:43
 Operator : VA/SY
 Sample : M3368-10
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0510

Quant Time: Aug 17 03:57:36 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	484700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1085788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1035053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	407822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	364927	64.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.020%
35) Dibromofluoromethane	7.914	113	364987	52.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.338	98	1404320	51.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.940%
62) 4-Bromofluorobenzene	12.626	95	433283	48.214	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.420%

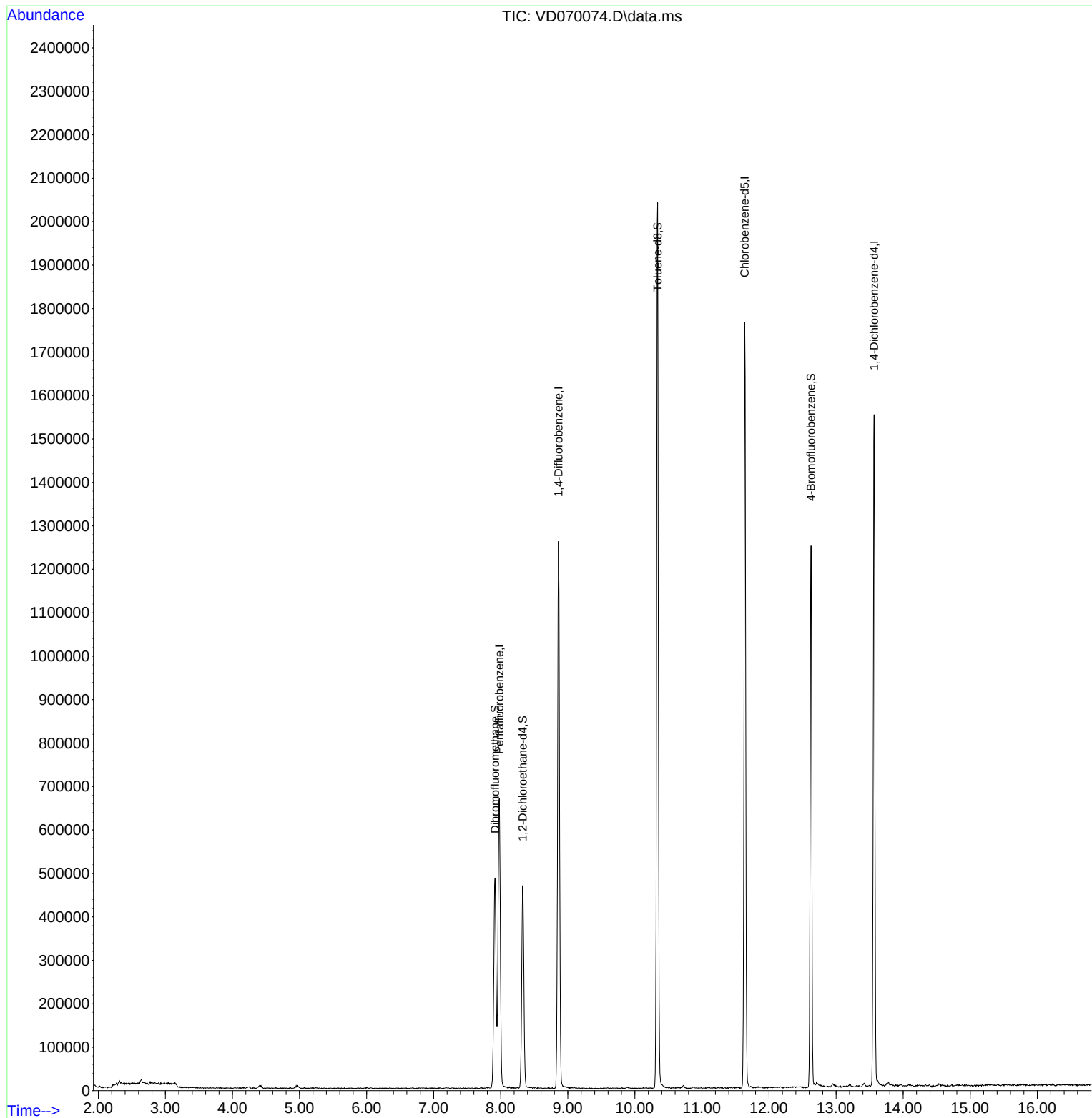
Target Compounds	Qvalue

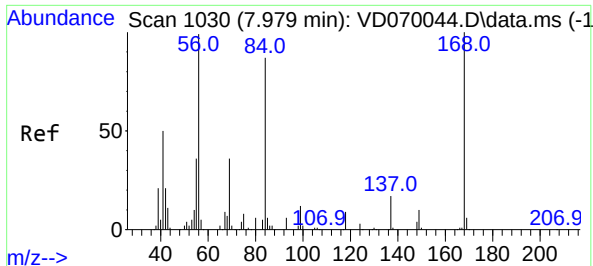
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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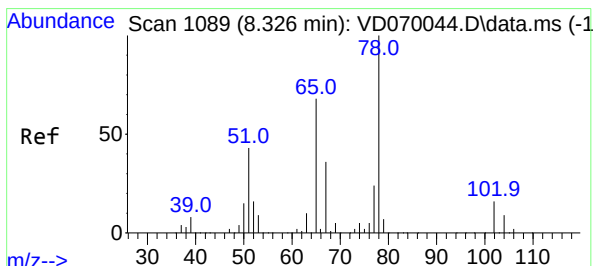
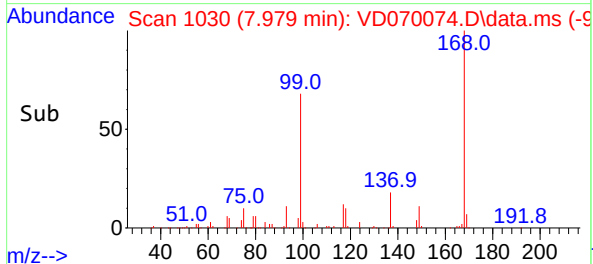
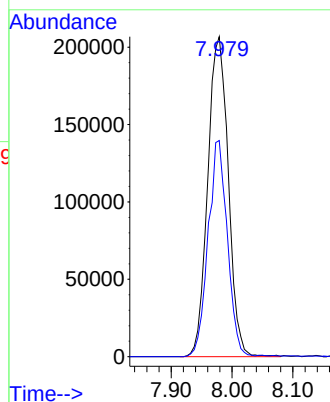
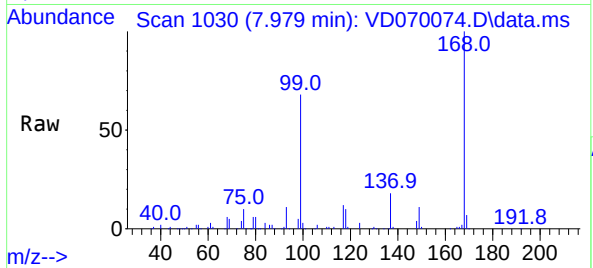




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070074.D
Acq: 16 Aug 2021 18:43

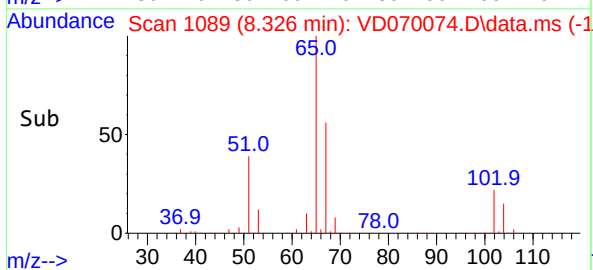
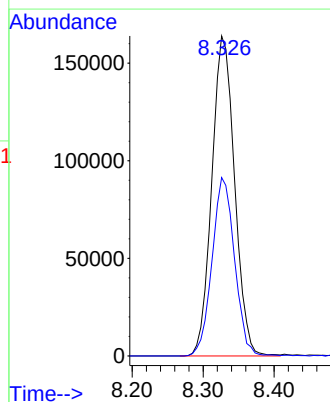
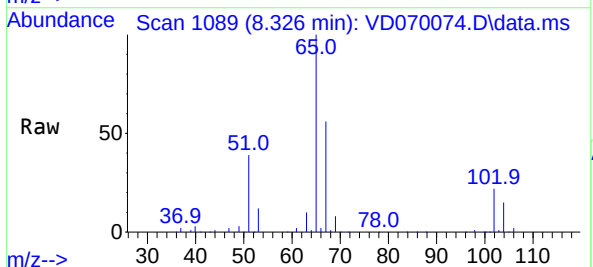
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0510

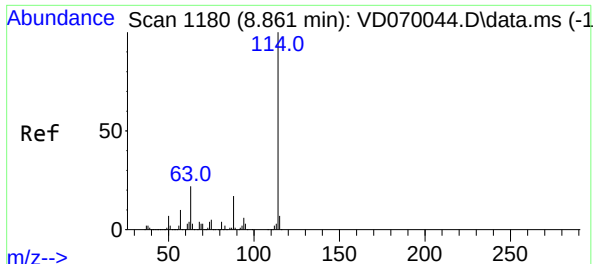
Tgt Ion:168 Resp: 484700
Ion Ratio Lower Upper
168 100
99 67.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 64.013 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070074.D
Acq: 16 Aug 2021 18:43

Tgt Ion: 65 Resp: 364927
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.8

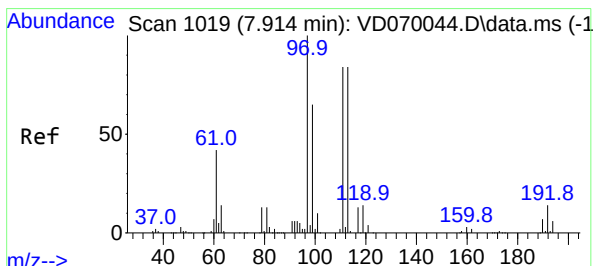
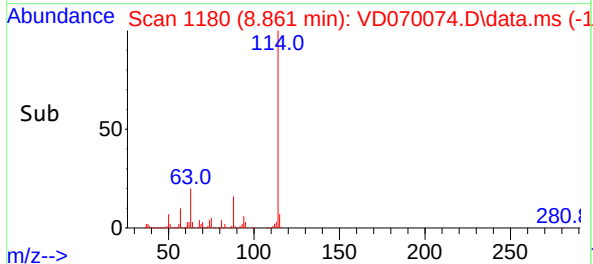
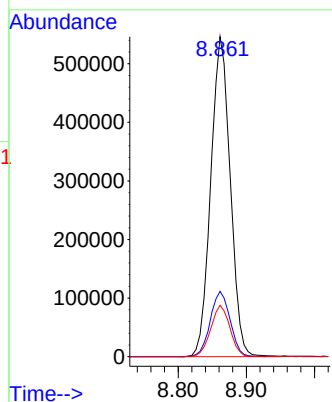
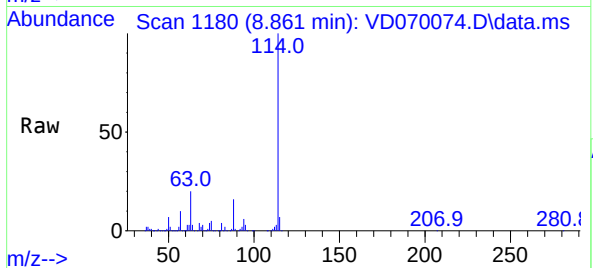




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070074.D
Acq: 16 Aug 2021 18:43

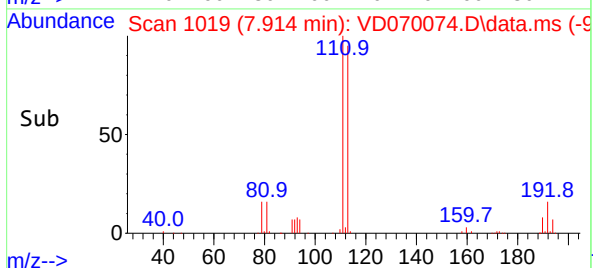
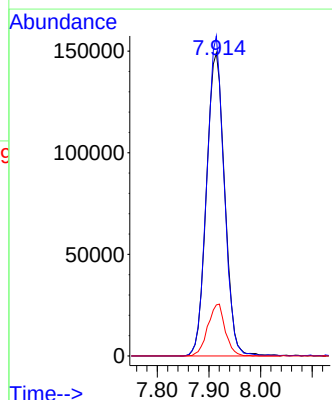
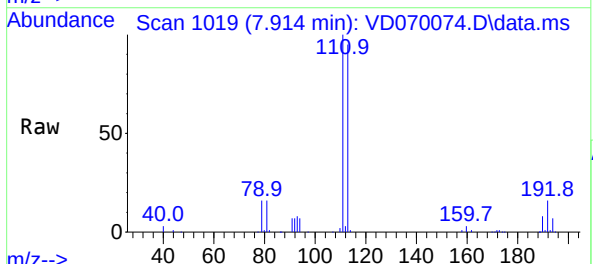
Instrument :
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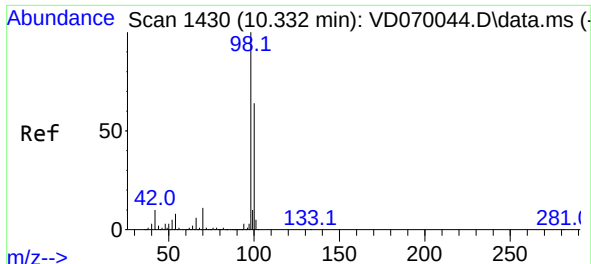
Tgt Ion:114 Resp: 1085788
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 16.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.030 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070074.D
Acq: 16 Aug 2021 18:43

Tgt Ion:113 Resp: 364987
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.6
192 16.4 13.2 19.8

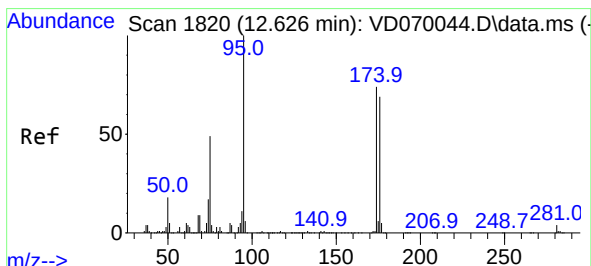
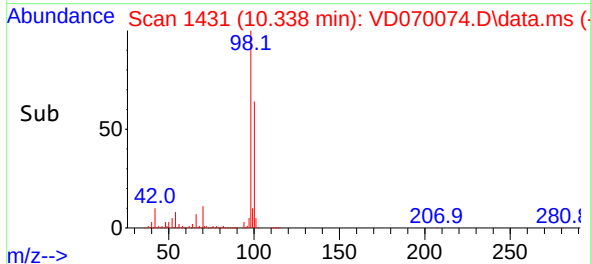
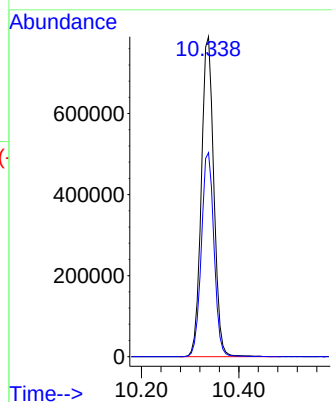
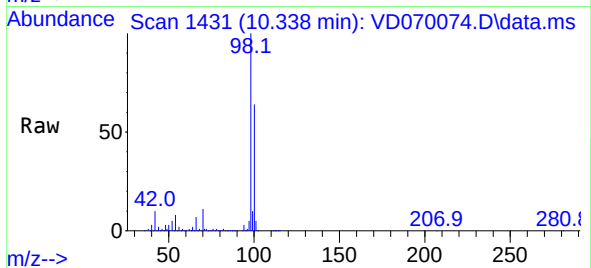




#50
Toluene-d8
Concen: 51.470 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070074.D
Acq: 16 Aug 2021 18:43

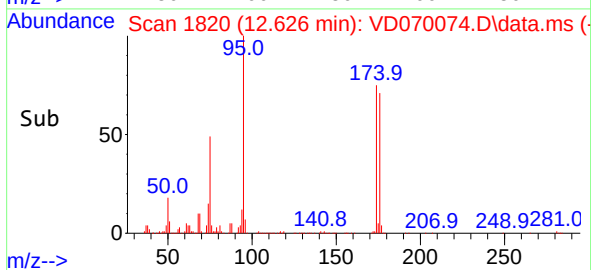
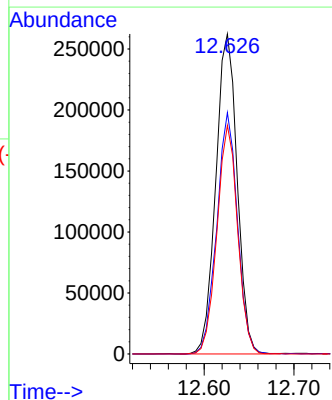
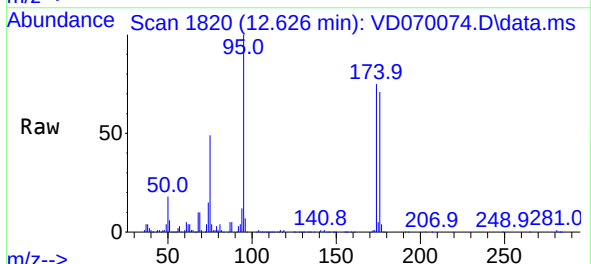
Instrument :
MSVOA_D
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SWCS-07-0510

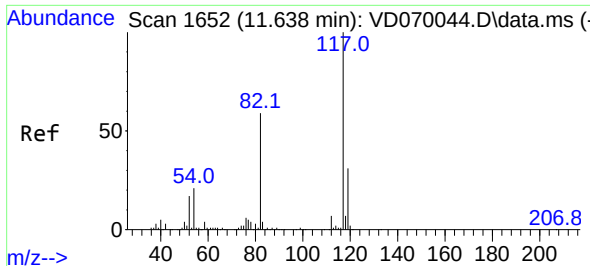
Tgt Ion: 98 Resp: 1404320
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.214 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070074.D
Acq: 16 Aug 2021 18:43

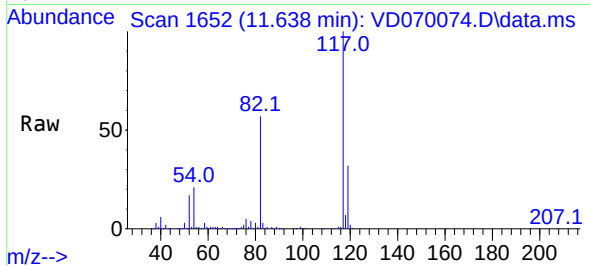
Tgt Ion: 95 Resp: 433283
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.6
176 69.0 0.0 138.2





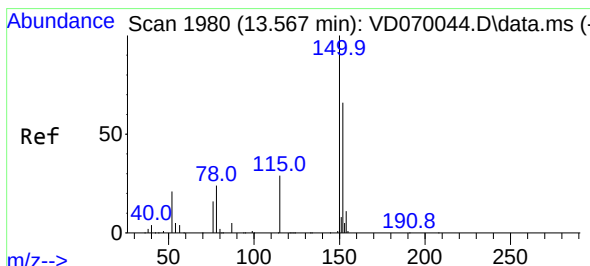
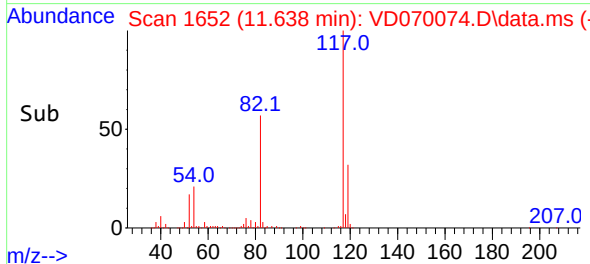
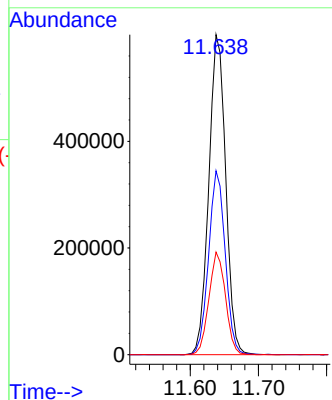
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070074.D
Acq: 16 Aug 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0510



Tgt Ion:117 Resp: 1035053

Ion	Ratio	Lower	Upper
117	100		
82	57.4	47.5	71.3
119	32.0	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: VD070074.D
Acq: 16 Aug 2021 18:43

Tgt Ion:152 Resp: 407822

Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.2	93.6
150	158.0	0.0	352.0

