

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070054.D
 Acq On : 13 Aug 2021 17:15
 Operator : VA/SY
 Sample : M3368-11
 Misc : 5.90G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-1015

Quant Time: Aug 14 02:51:33 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)

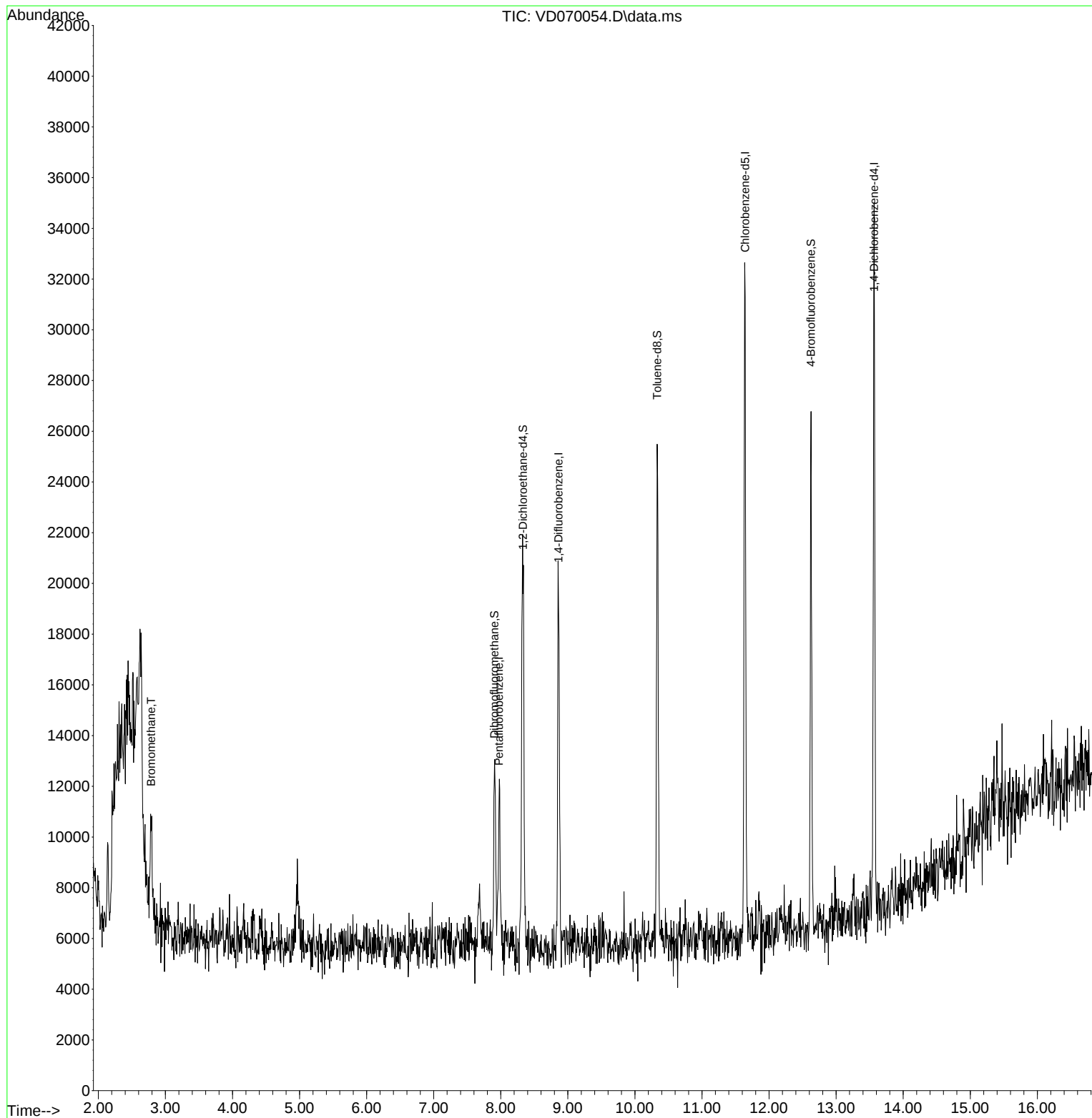
Internal Standards						
1) Pentafluorobenzene	7.973	168	4403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	13130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	16491	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	8401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	12880	248.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 497.420%#	
35) Dibromofluoromethane	7.902	113	5666	66.794	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.580%	
50) Toluene-d8	10.332	98	13644	41.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 82.700%	
62) 4-Bromofluorobenzene	12.626	95	6572	60.475	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.785	94	3145	79.449	ug/l	# 80

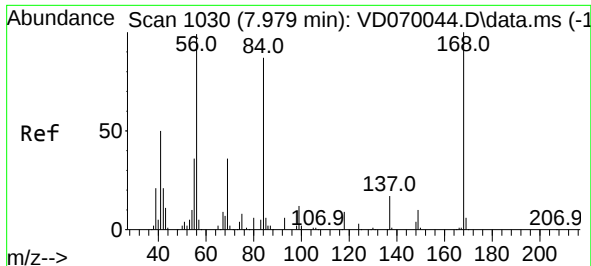
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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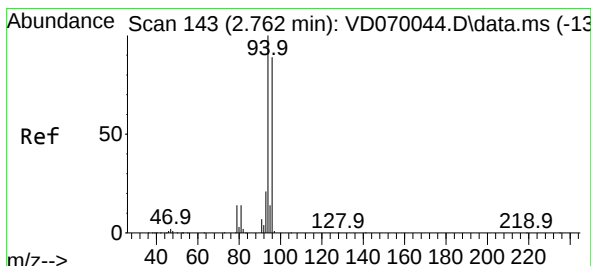
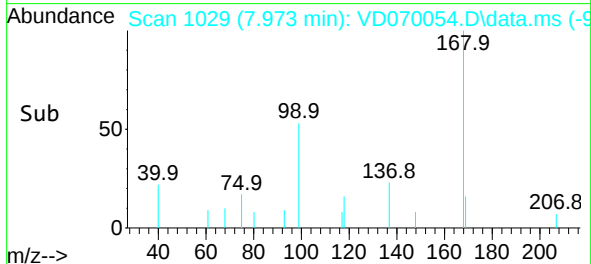
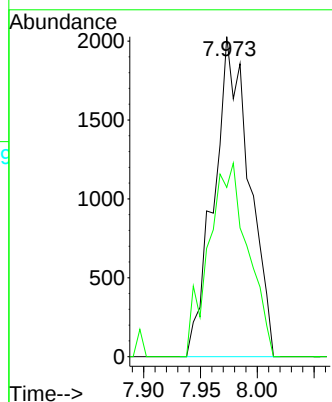
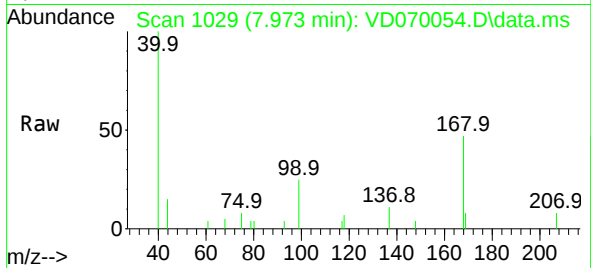




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

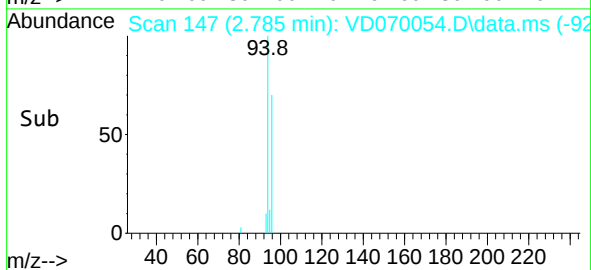
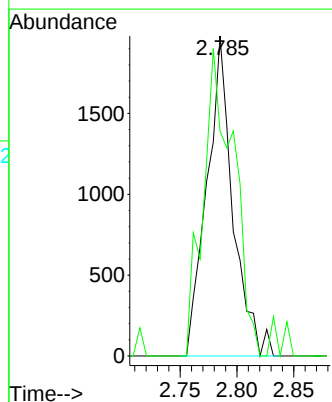
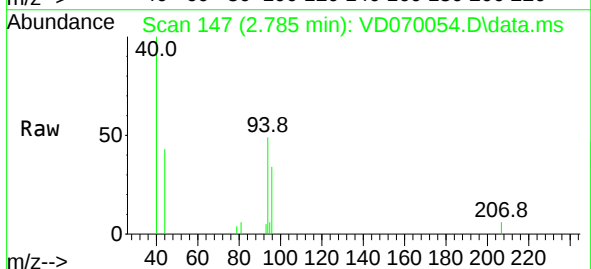
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

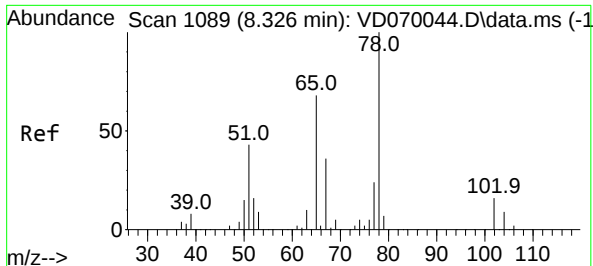
Tgt Ion:168 Resp: 4403
Ion Ratio Lower Upper
168 100
99 52.9 50.3 75.5



#5
Bromomethane
Concen: 79.449 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 94 Resp: 3145
Ion Ratio Lower Upper
94 100
96 70.2 70.9 106.3#

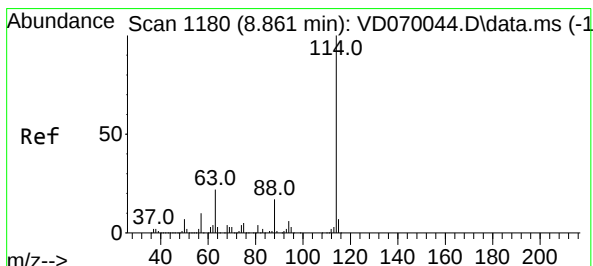
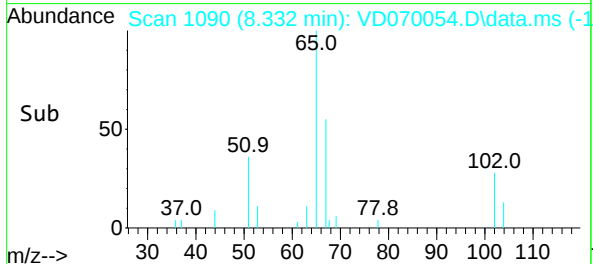
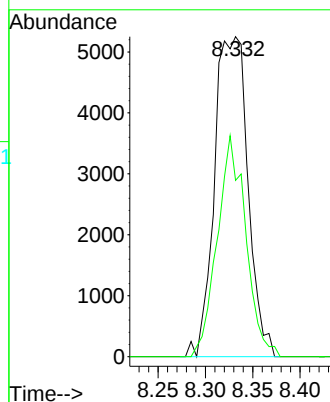
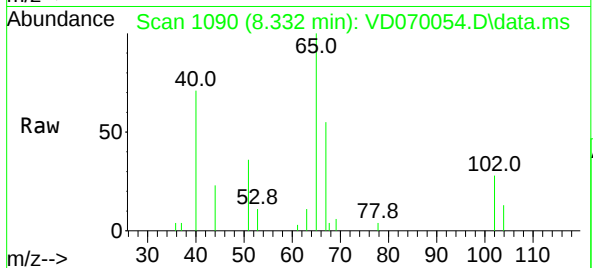




#33
1,2-Dichloroethane-d4
Concen: 248.715 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

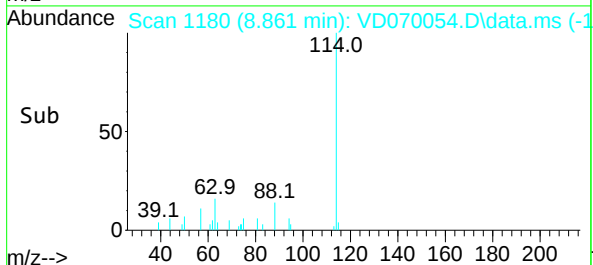
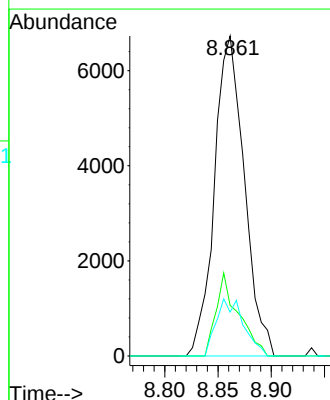
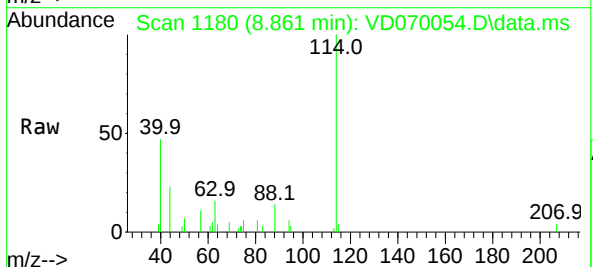
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

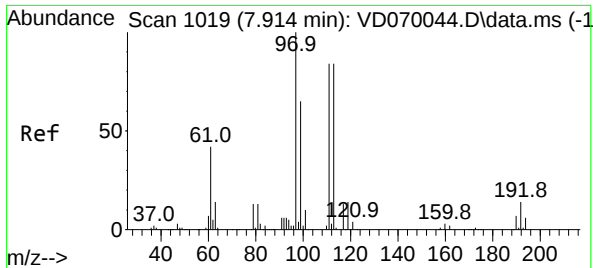
Tgt Ion: 65 Resp: 12880
Ion Ratio Lower Upper
65 100
67 58.8 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 114 Resp: 13130
Ion Ratio Lower Upper
114 100
63 15.8 0.0 43.6
88 13.7 0.0 33.4



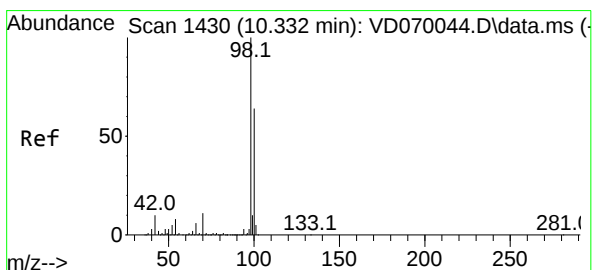
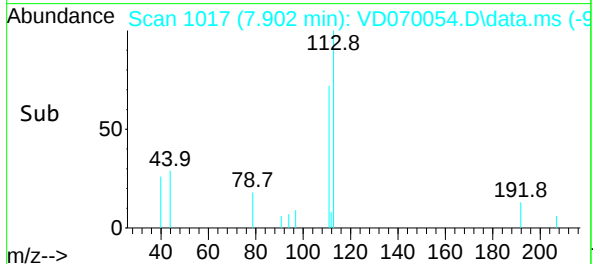
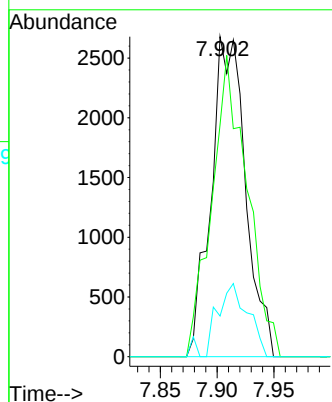
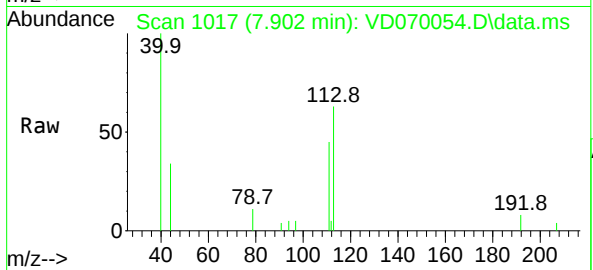


#35

Dibromofluoromethane
Concen: 66.794 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.012 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

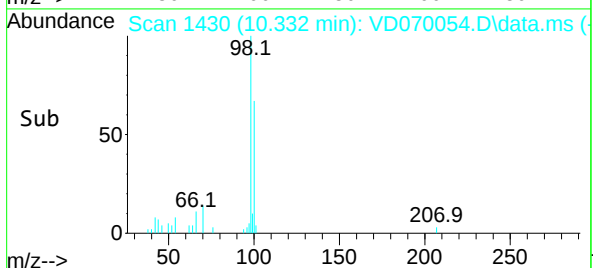
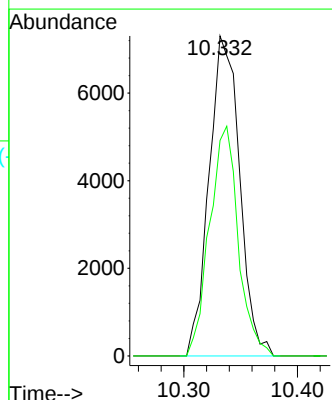
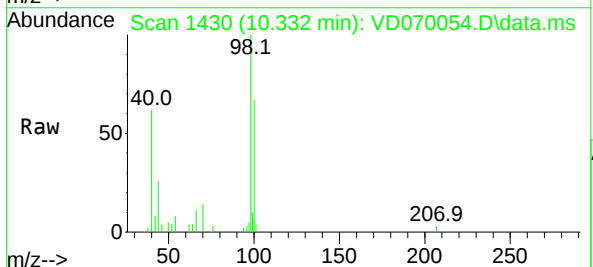
Tgt Ion:113 Resp: 5666
Ion Ratio Lower Upper
113 100
111 96.3 81.8 122.6
192 20.9 13.2 19.8#

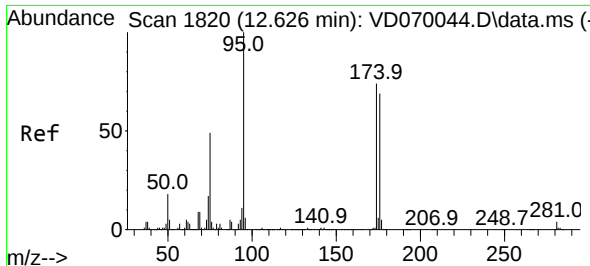


#50

Toluene-d8
Concen: 41.354 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

Tgt Ion: 98 Resp: 13644
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8

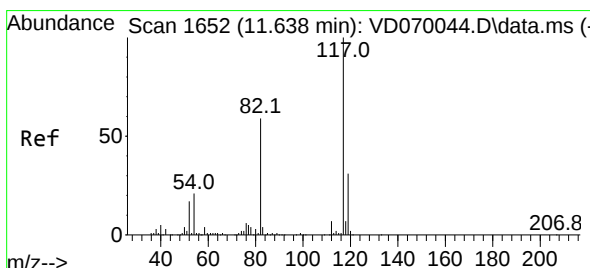
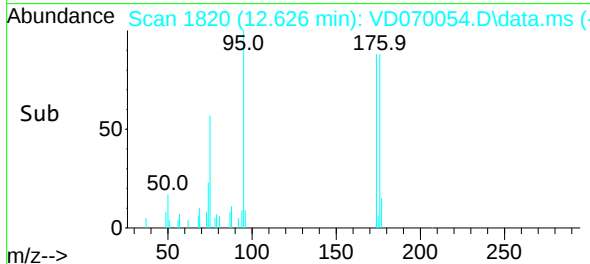
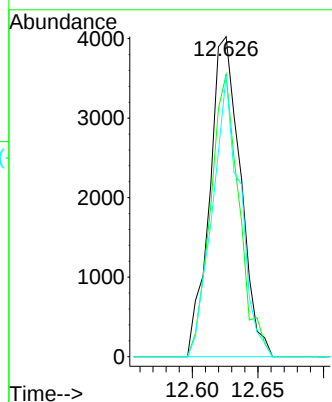
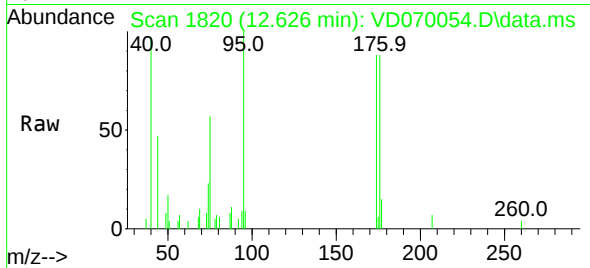




#62
4-Bromofluorobenzene
Concen: 60.475 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

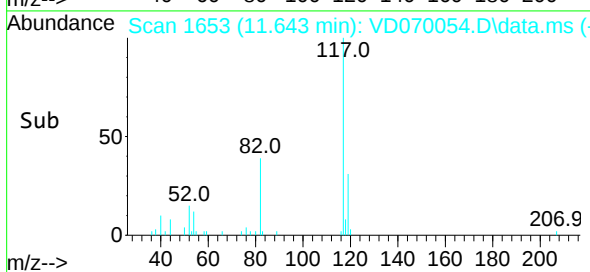
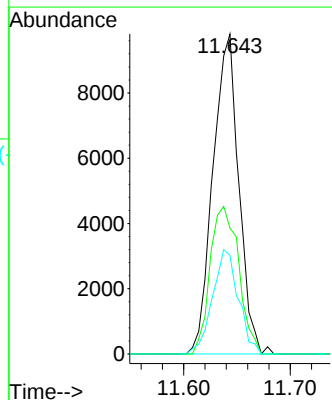
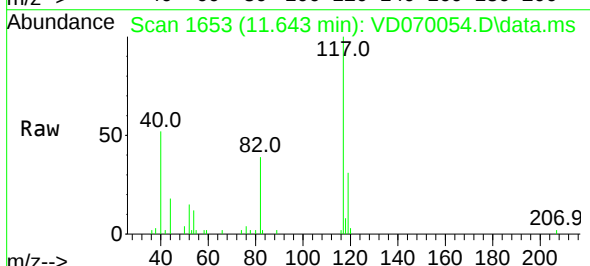
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-1015

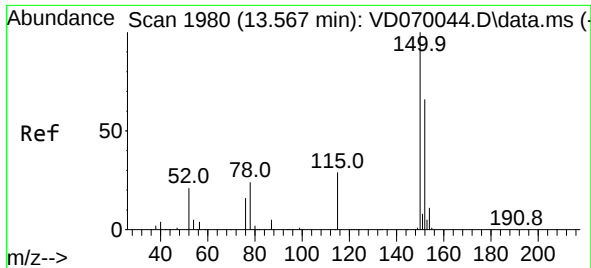
Tgt Ion:	95	Resp:	6572
Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	141.6
176	79.2	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD070054.D
Acq: 13 Aug 2021 17:15

Tgt Ion:	117	Resp:	16491
Ion	Ratio	Lower	Upper
117	100		
82	39.3	47.5	71.3#
119	30.8	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: VD070054.D
 Acq: 13 Aug 2021 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-1015

Tgt Ion:152 Resp: 8401
 Ion Ratio Lower Upper
 152 100
 115 48.7 31.2 93.6
 150 139.1 0.0 352.0

