

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070219.D
 Acq On : 23 Aug 2021 13:57
 Operator : VA/SY
 Sample : M3463-19
 Misc : 3.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-18-0204

Quant Time: Aug 24 01:30:55 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)

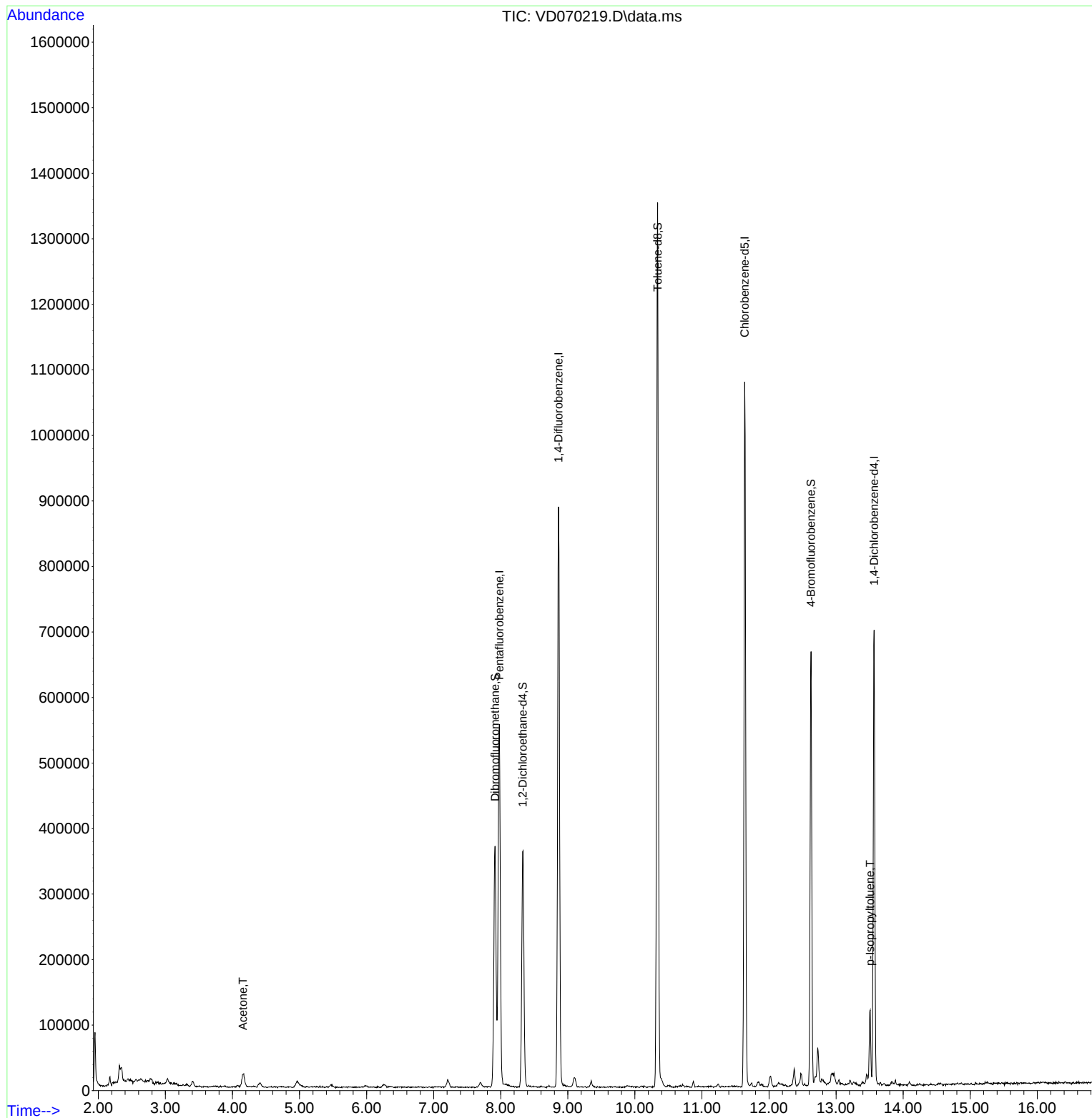
Internal Standards						
1) Pentafluorobenzene	7.979	168	375901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	754239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	628969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	180903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	282220	63.834	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.660%	
35) Dibromofluoromethane	7.914	113	272183	55.857	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.720%	
50) Toluene-d8	10.338	98	919261	48.503	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.000%	
62) 4-Bromofluorobenzene	12.626	95	232001	37.164	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.320%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	37094	45.544	ug/l	# 87
86) p-Isopropyltoluene	13.508	119	59453	5.032	ug/l	95

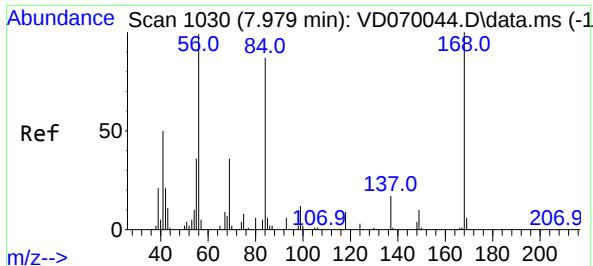
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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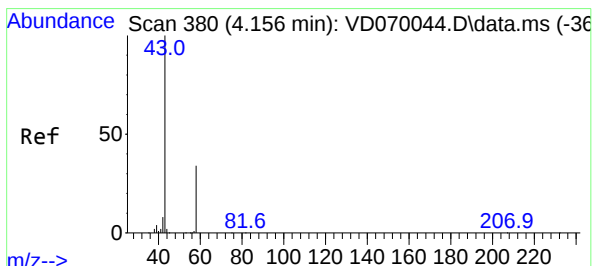
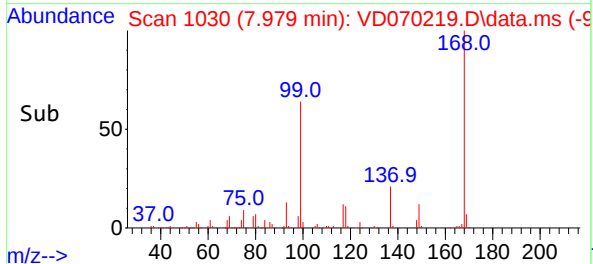
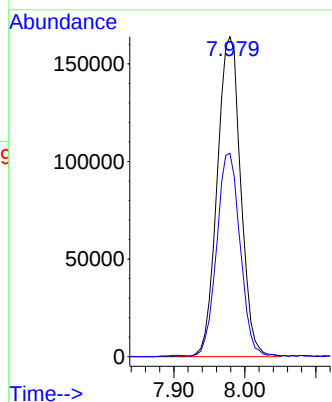
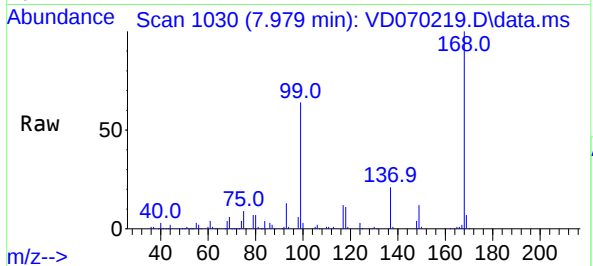




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

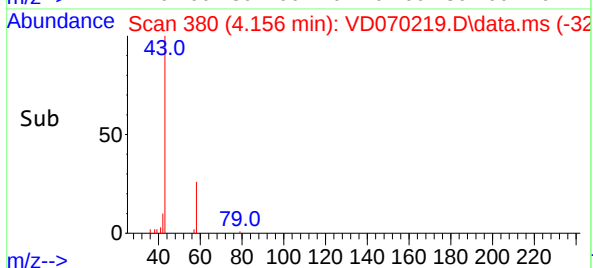
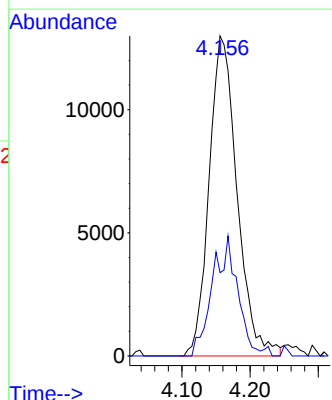
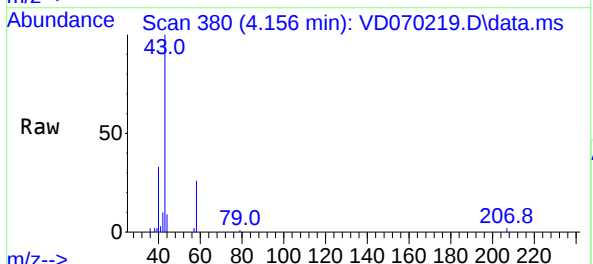
Instrument :
MSVOA_D
ClientSampleId :
SWCS-18-0204

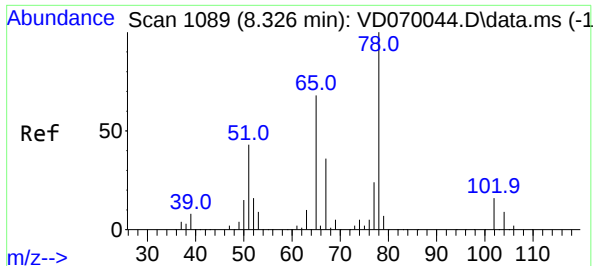
Tgt Ion:168 Resp: 375901
Ion Ratio Lower Upper
168 100
99 63.2 50.3 75.5



#16
Acetone
Concen: 45.544 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

Tgt Ion: 43 Resp: 37094
Ion Ratio Lower Upper
43 100
58 26.1 26.8 40.2#

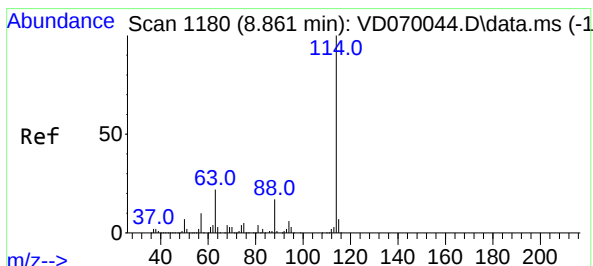
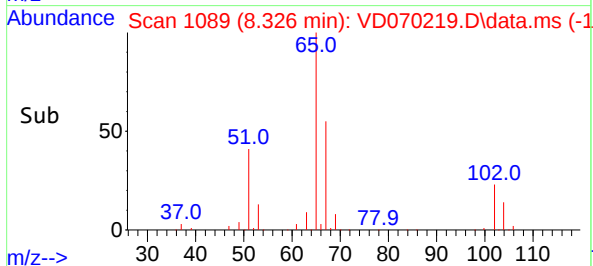
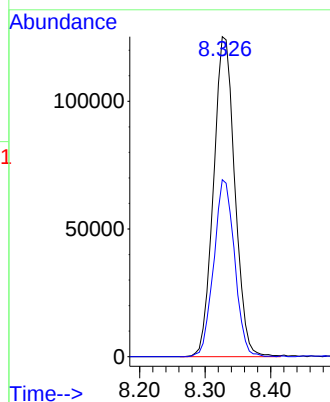
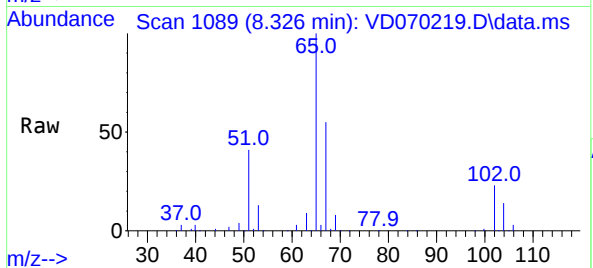




#33
1,2-Dichloroethane-d4
Concen: 63.834 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

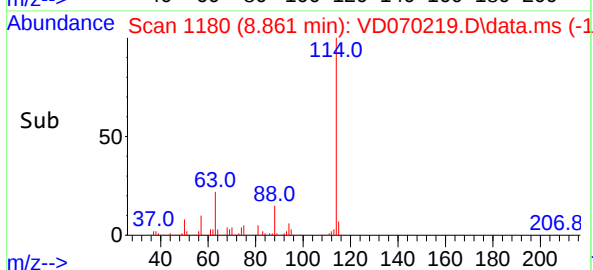
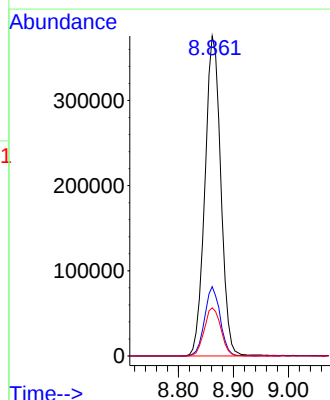
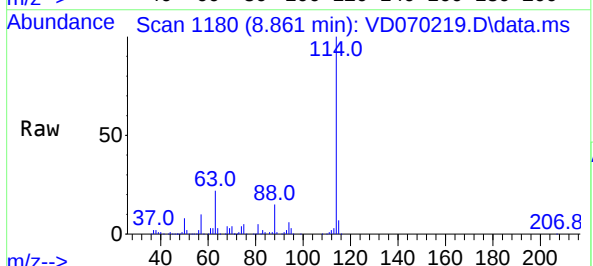
Instrument :
MSVOA_D
ClientSampleId :
SWCS-18-0204

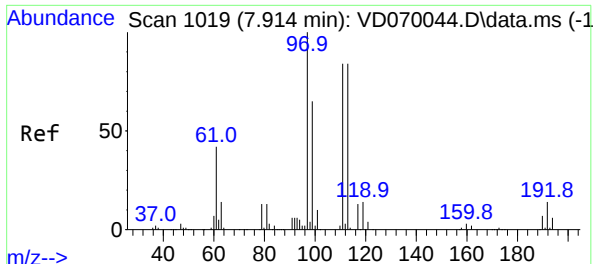
Tgt Ion: 65 Resp: 282220
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

Tgt Ion:114 Resp: 754239
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.6
88 15.0 0.0 33.4

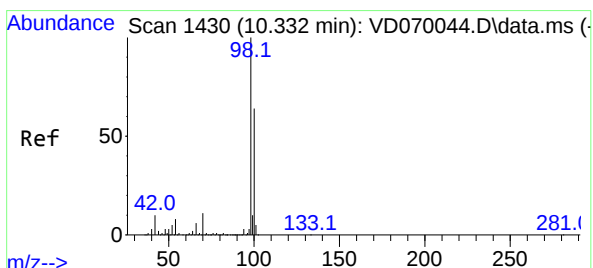
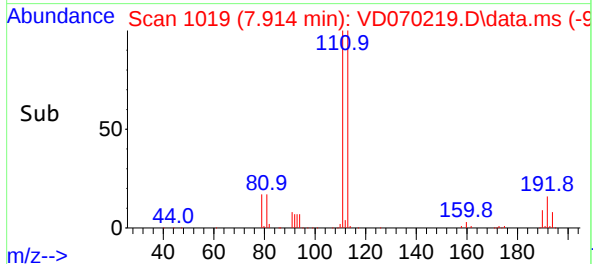
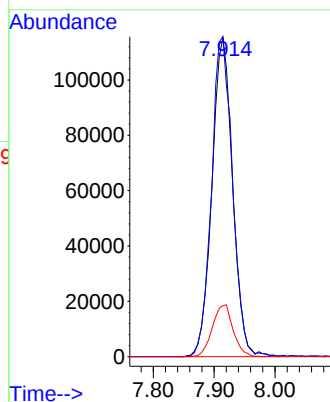
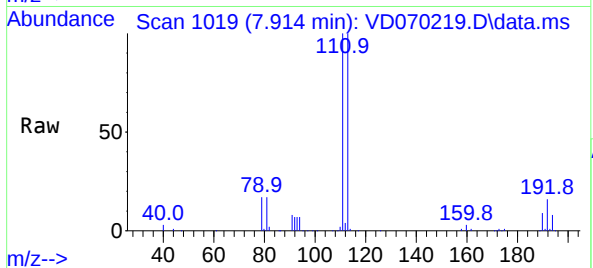




#35
Dibromofluoromethane
Concen: 55.857 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

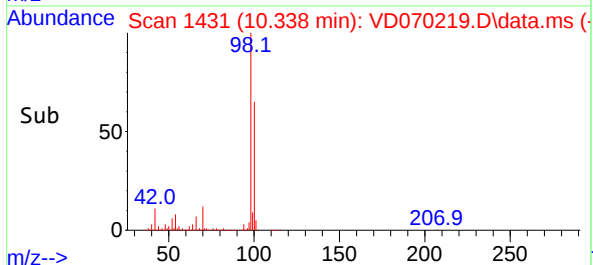
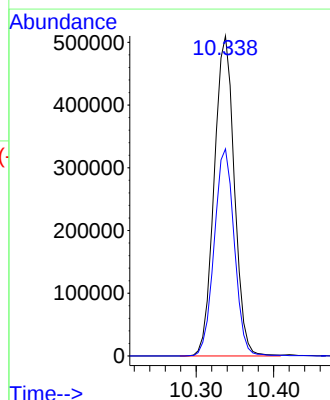
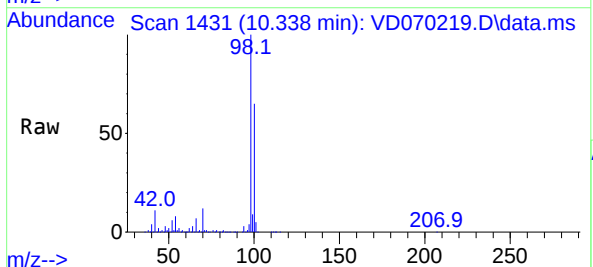
Instrument :
MSVOA_D
ClientSampleId :
SWCS-18-0204

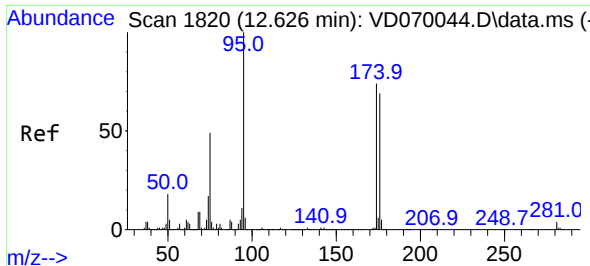
Tgt Ion:113 Resp: 272183
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.6
192 16.3 13.2 19.8



#50
Toluene-d8
Concen: 48.503 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

Tgt Ion: 98 Resp: 919261
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

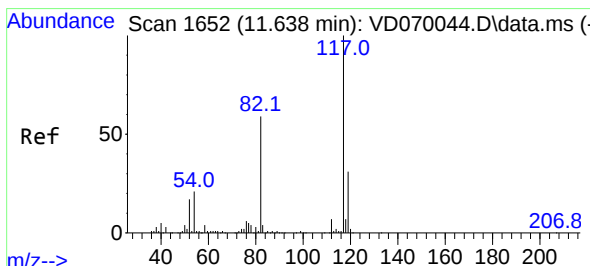
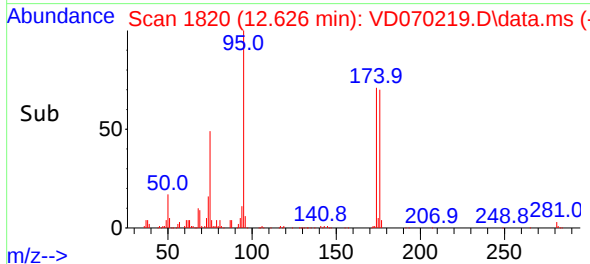
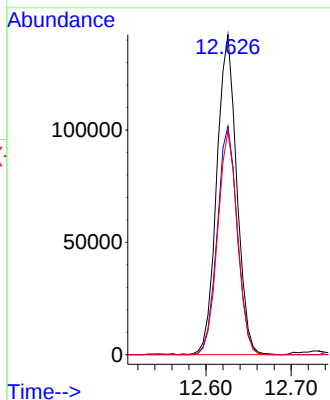
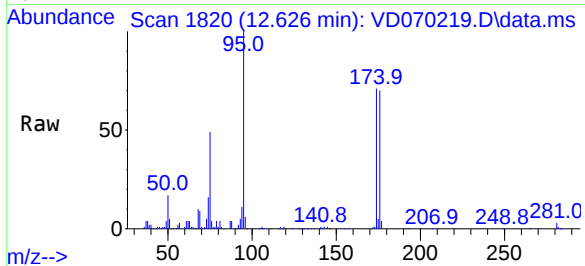




#62
4-Bromofluorobenzene
Concen: 37.164 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

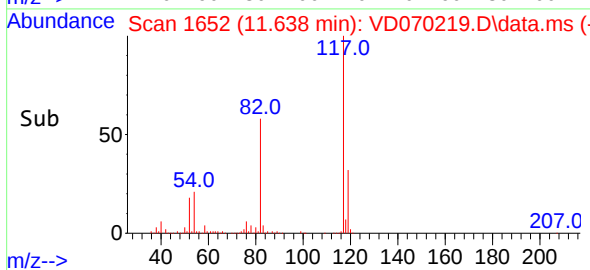
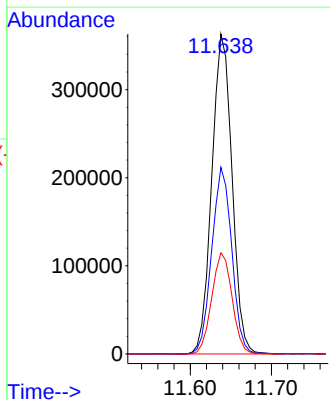
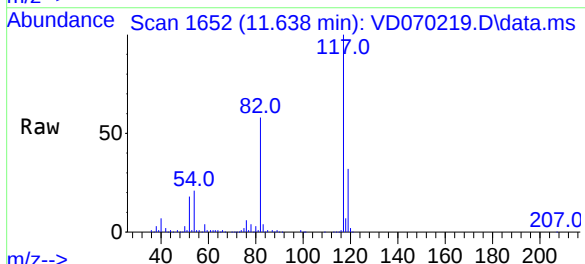
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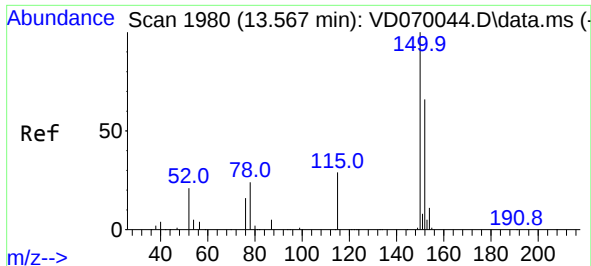
Tgt Ion:	95	Resp:	232001
Ion	Ratio	Lower	Upper
95	100		
174	71.7	0.0	141.6
176	69.2	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

Tgt Ion:	117	Resp:	628969
Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.5	71.3
119	31.6	25.1	37.7

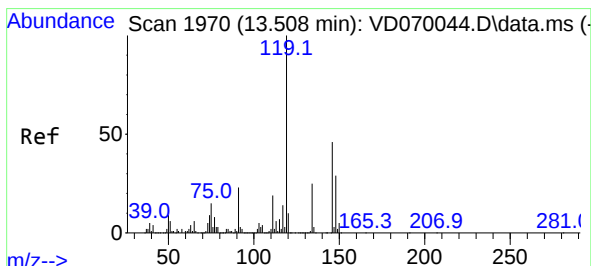
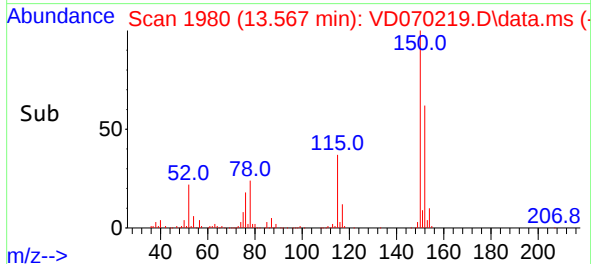
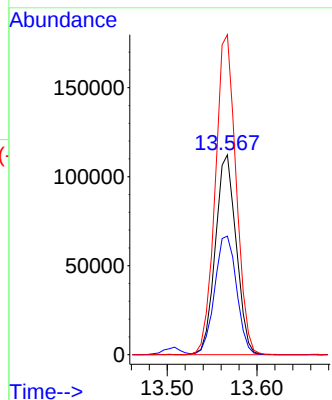
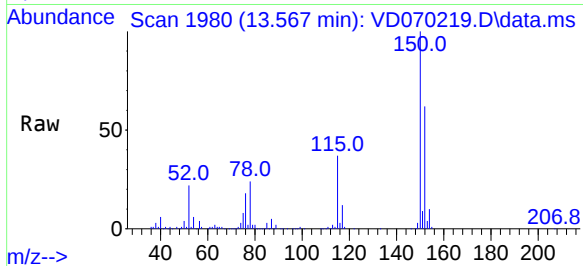




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

Instrument :
MSVOA_D
ClientSampleId :
SWCS-18-0204

Tgt Ion:152 Resp: 180903
Ion Ratio Lower Upper
152 100
115 62.7 31.2 93.6
150 159.8 0.0 352.0



#86
p-Isopropyltoluene
Concen: 5.032 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD070219.D
Acq: 23 Aug 2021 13:57

Tgt Ion:119 Resp: 59453
Ion Ratio Lower Upper
119 100
134 25.1 12.8 38.3
91 27.5 11.6 34.8

