

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070176.D
 Acq On : 19 Aug 2021 19:09
 Operator : VA/SY
 Sample : M3414-13
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8

Quant Time: Aug 20 05:48:41 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)

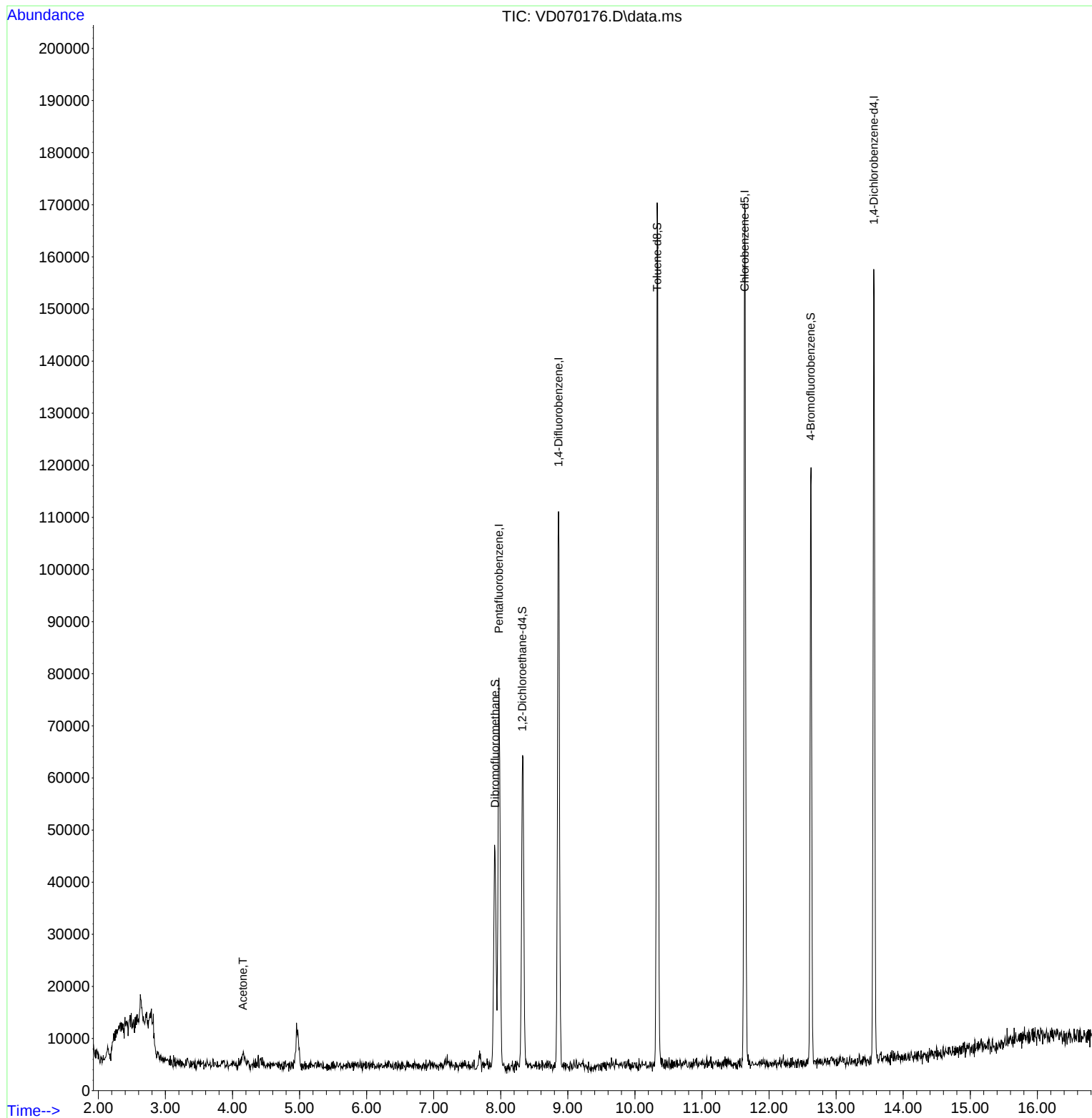
Internal Standards						
1) Pentafluorobenzene	7.973	168	52744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	92789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	97452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	42187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	47846	77.127	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.260%	
35) Dibromofluoromethane	7.914	113	33055	55.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.280%	
50) Toluene-d8	10.332	98	116632	50.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	12.620	95	36721	47.815	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.640%	
Target Compounds						
16) Acetone	4.156	43	5118	44.785	ug/l	Qvalue 97

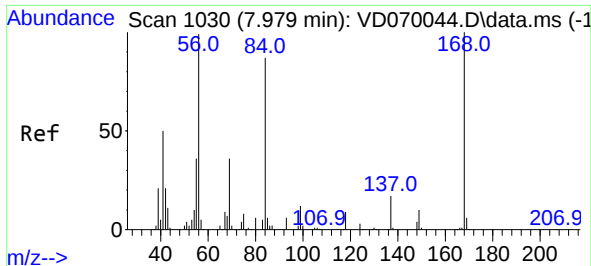
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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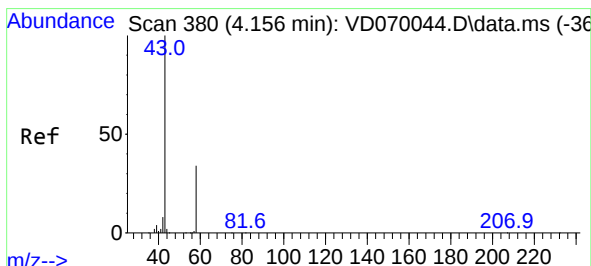
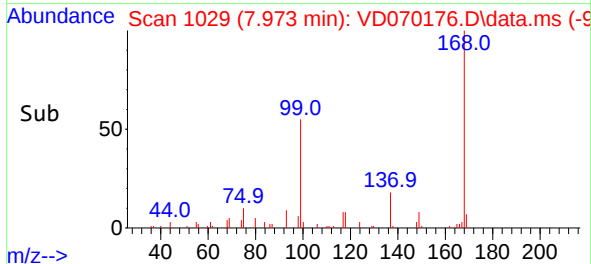
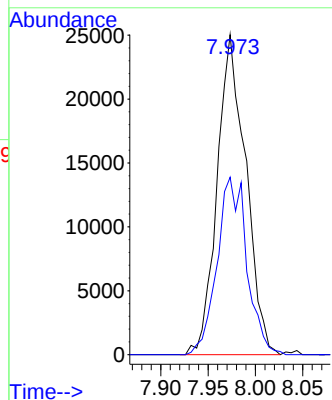
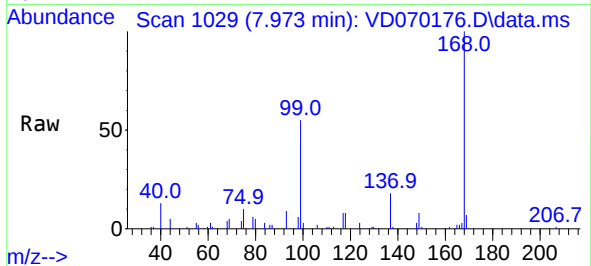




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

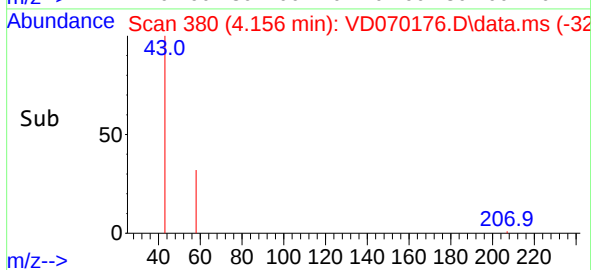
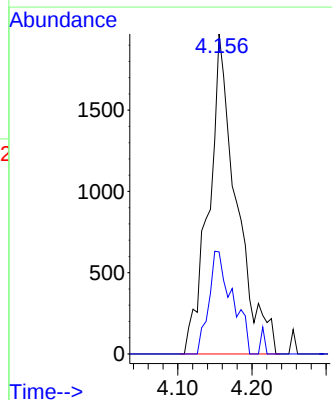
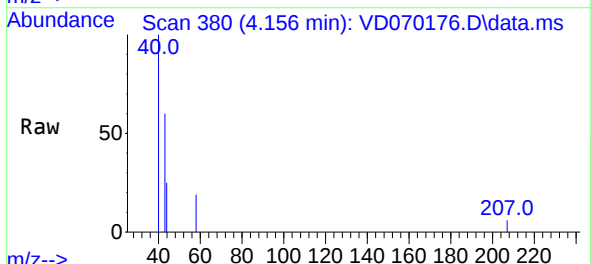
Instrument :
MSVOA_D
ClientSampleId :
B-8

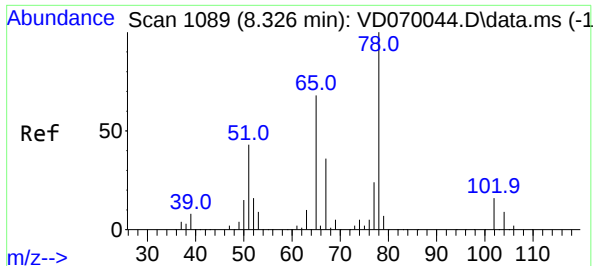
Tgt Ion:168 Resp: 52744
Ion Ratio Lower Upper
168 100
99 55.4 50.3 75.5



#16
Acetone
Concen: 44.785 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
58 31.9 26.8 40.2

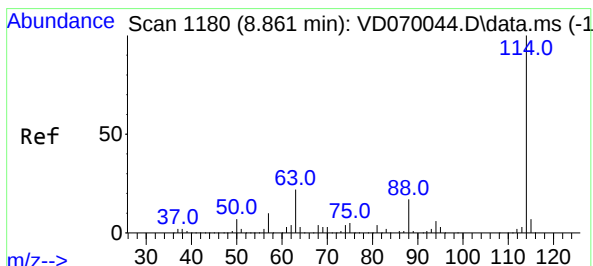
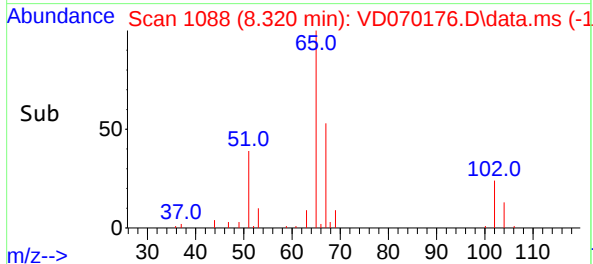
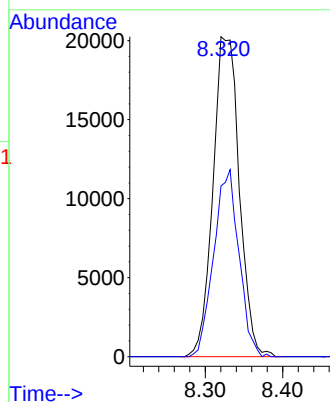
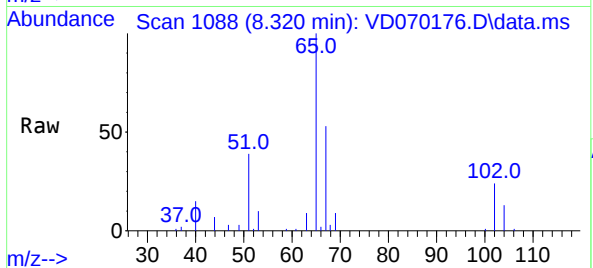




#33
1,2-Dichloroethane-d4
Concen: 77.127 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

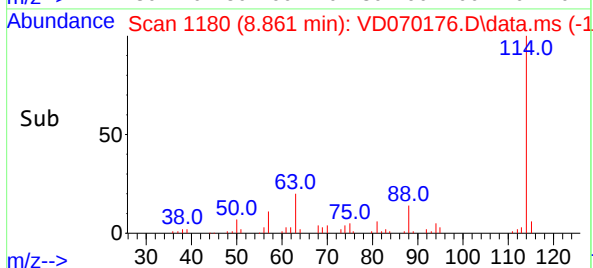
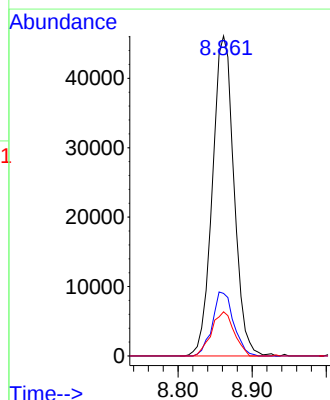
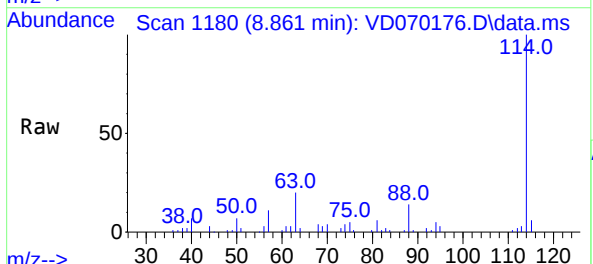
Instrument :
MSVOA_D
ClientSampled :
B-8

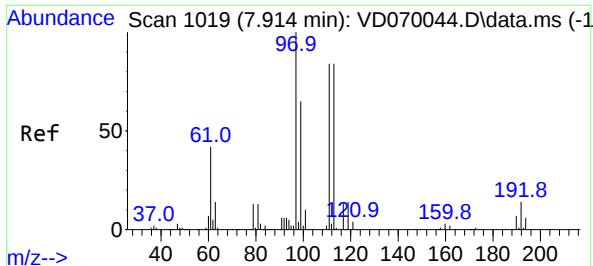
Tgt Ion: 65 Resp: 47846
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion: 114 Resp: 92789
Ion Ratio Lower Upper
114 100
63 19.5 0.0 43.6
88 13.8 0.0 33.4

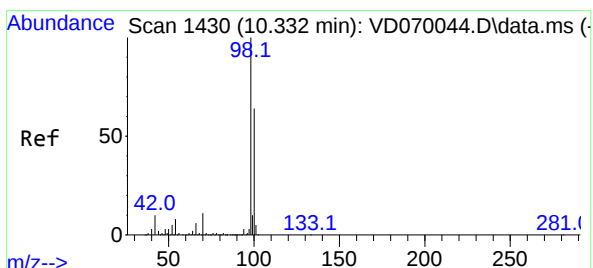
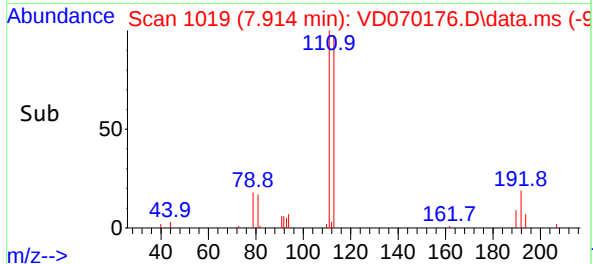
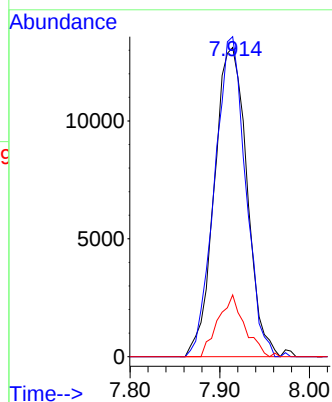
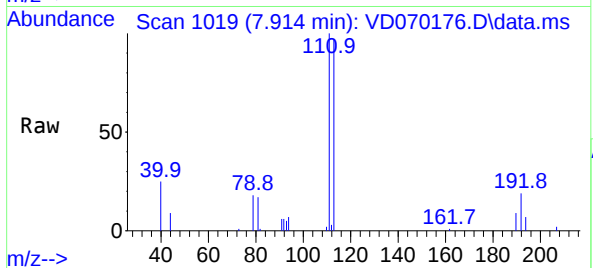




#35
Dibromofluoromethane
Concen: 55.140 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

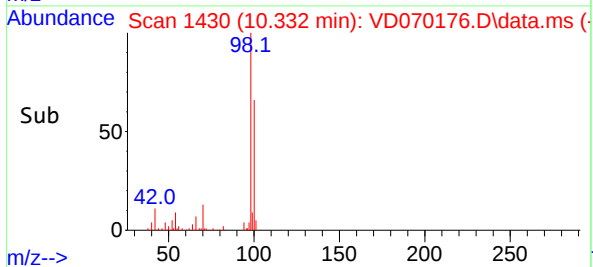
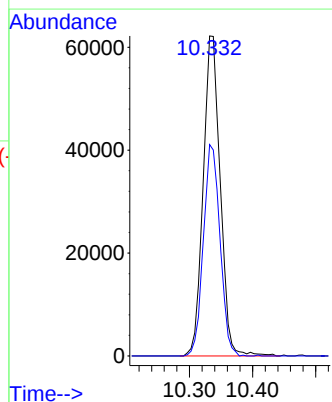
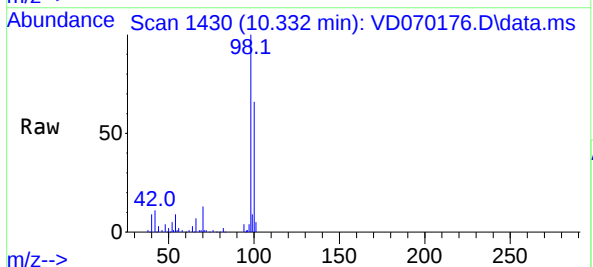
Instrument :
MSVOA_D
ClientSampled :
B-8

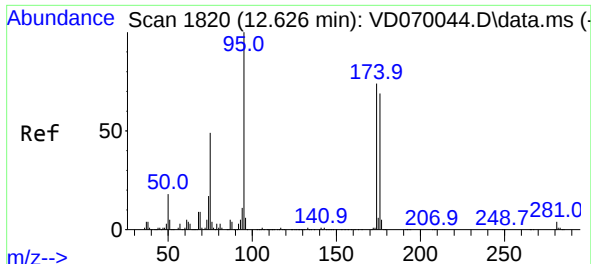
Tgt Ion:	113	Resp:	33055
Ion	Ratio	Lower	Upper
113	100		
111	98.3	81.8	122.6
192	16.4	13.2	19.8



#50
Toluene-d8
Concen: 50.021 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion:	98	Resp:	116632
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	78.8

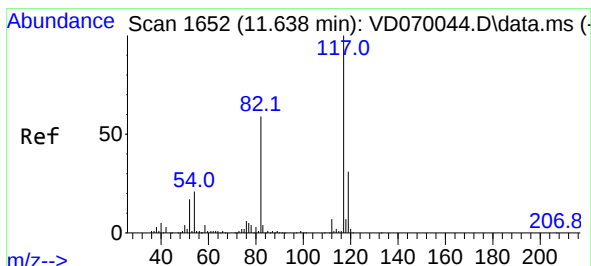
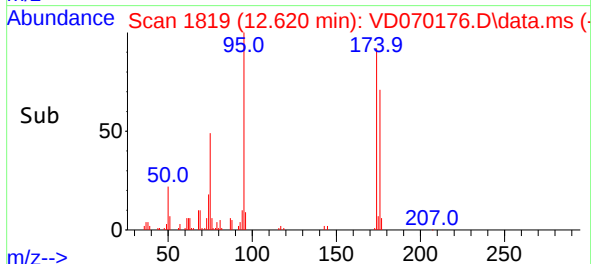
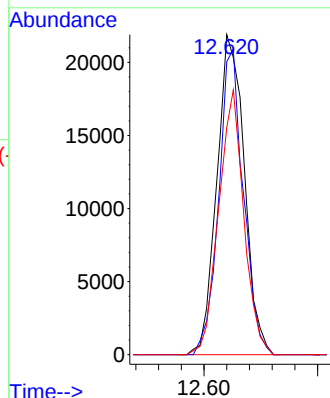
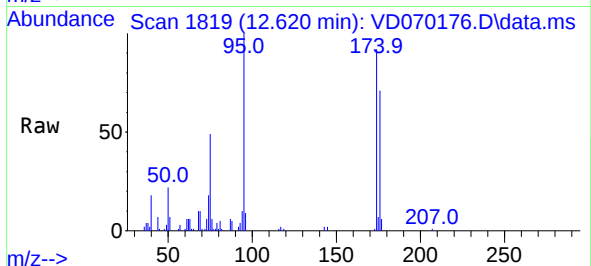




#62
4-Bromofluorobenzene
Concen: 47.815 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

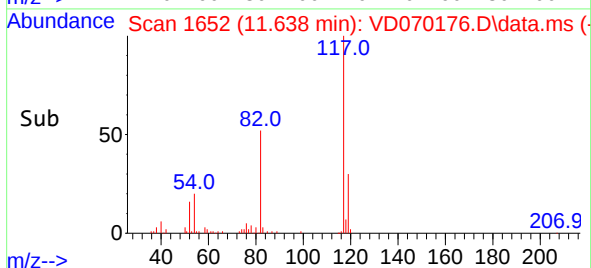
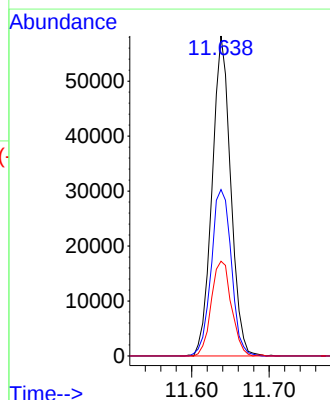
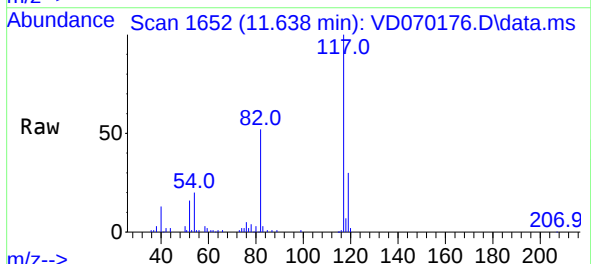
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ClientSampled :
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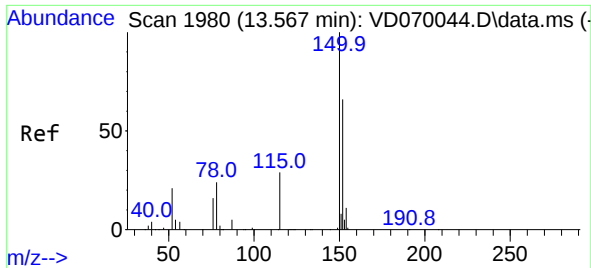
Tgt Ion:	95	Resp:	36721
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	141.6
176	75.8	0.0	138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070176.D
Acq: 19 Aug 2021 19:09

Tgt Ion:	117	Resp:	97452
Ion	Ratio	Lower	Upper
117	100		
82	52.0	47.5	71.3
119	29.6	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070176.D
 Acq: 19 Aug 2021 19:09

Instrument :
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 ClientSampleId :
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Tgt Ion:	152	Resp:	42187
Ion	Ratio	Lower	Upper
152	100		
115	58.8	31.2	93.6
150	159.5	0.0	352.0

