

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072057.D
 Acq On : 22 Feb 2022 15:07
 Operator : VA/SY
 Sample : N1626-05RE
 Misc : 6.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A3RE

Quant Time: Feb 23 05:30:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

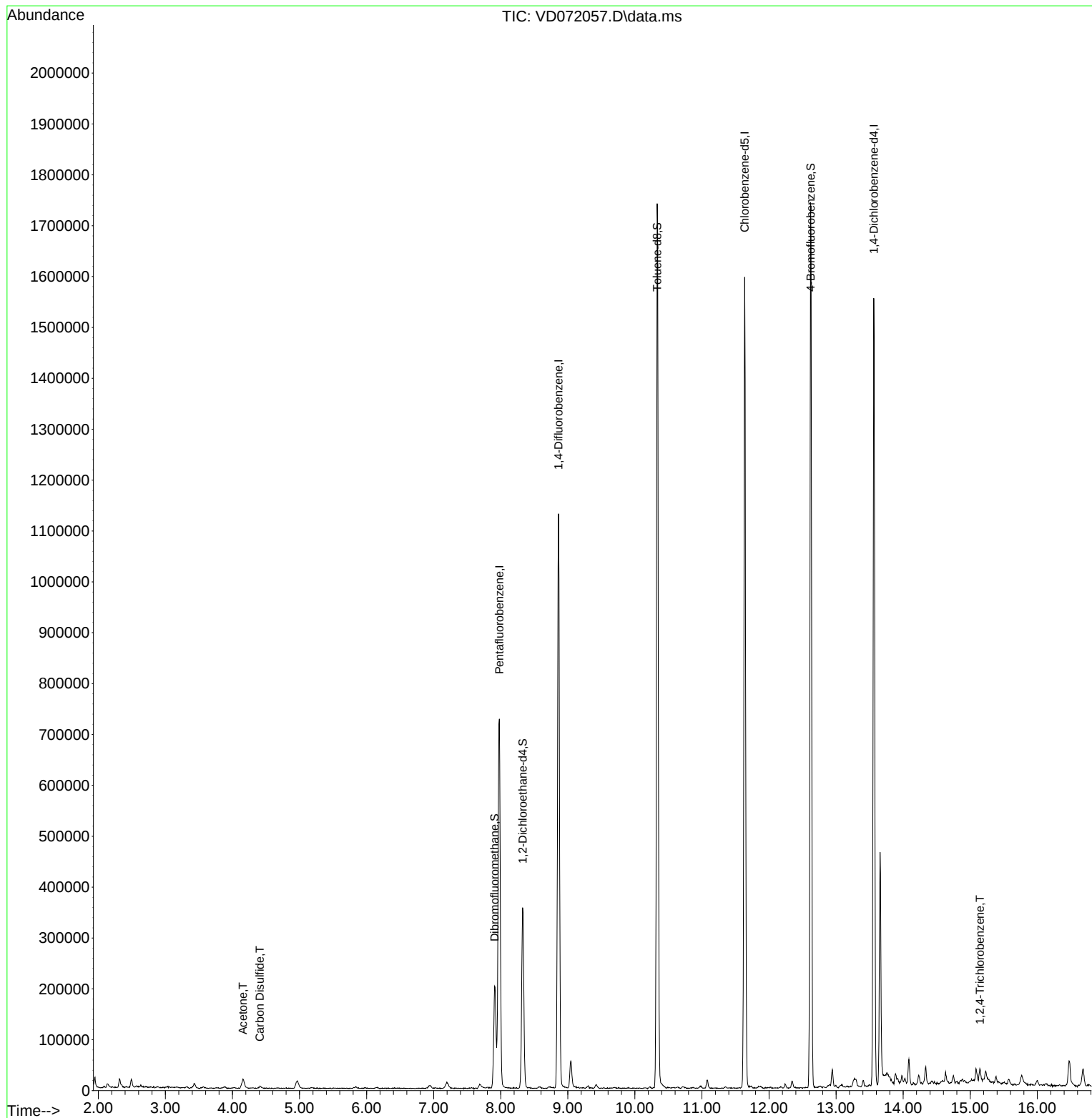
Internal Standards						
1) Pentafluorobenzene	7.979	168	546956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	950986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	905937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	405244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	284750	50.189	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.380%	
35) Dibromofluoromethane	7.909	113	146728	25.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 50.940%#	
50) Toluene-d8	10.332	98	1174509	54.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.940%	
62) 4-Bromofluorobenzene	12.620	95	425403	54.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.400%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	32438	26.455	ug/l	99
17) Carbon Disulfide	4.409	76	7241	1.175	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	8536	1.203	ug/l	97

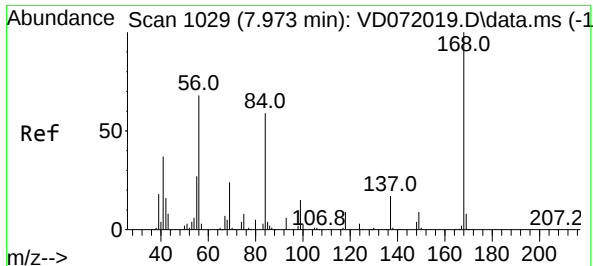
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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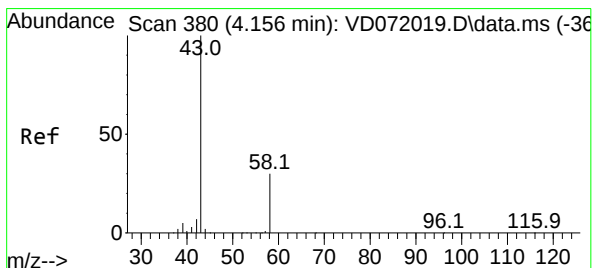
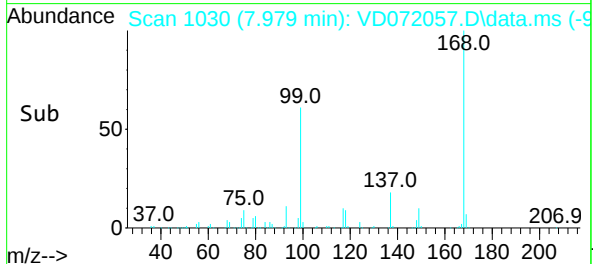
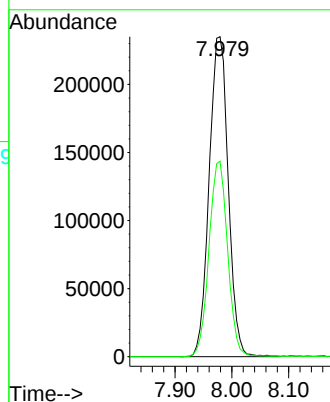
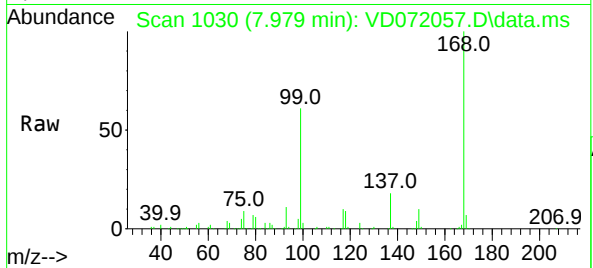




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

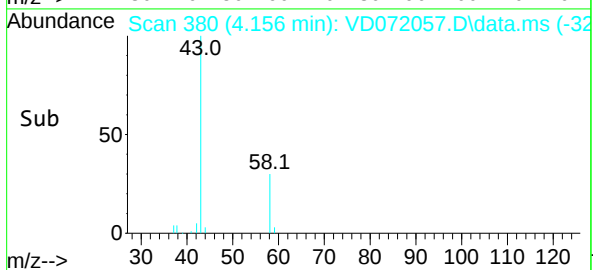
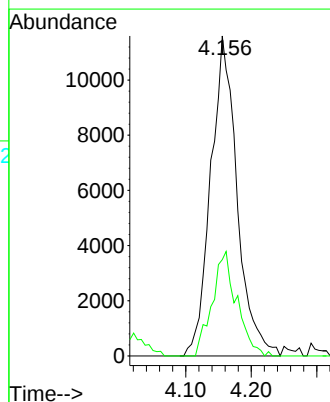
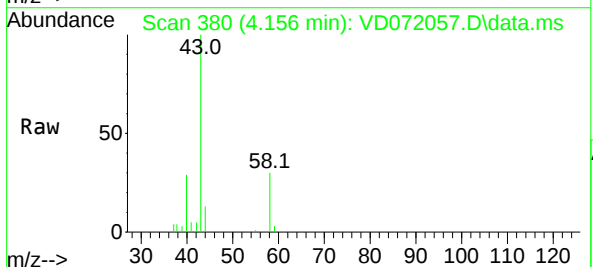
Instrument :
MSVOA_D
ClientSampleId :
CC-A3RE

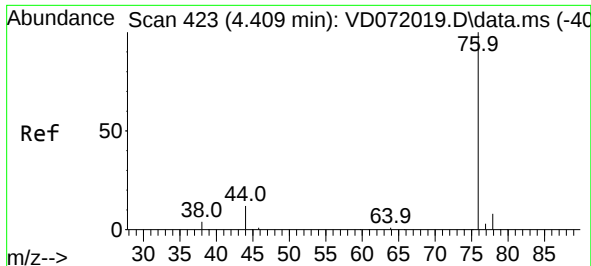
Tgt Ion:168 Resp: 546956
Ion Ratio Lower Upper
168 100
99 61.1 47.1 70.7



#16
Acetone
Concen: 26.455 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

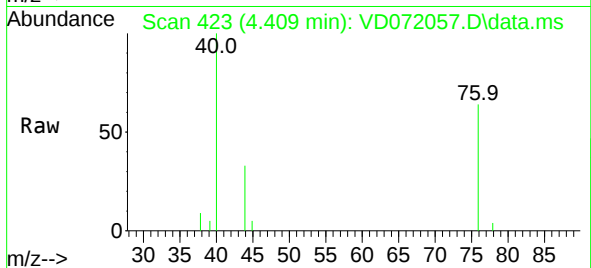
Tgt Ion: 43 Resp: 32438
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.6



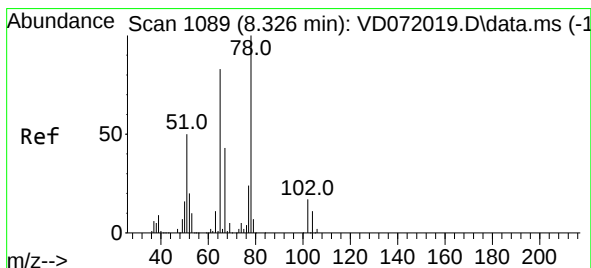
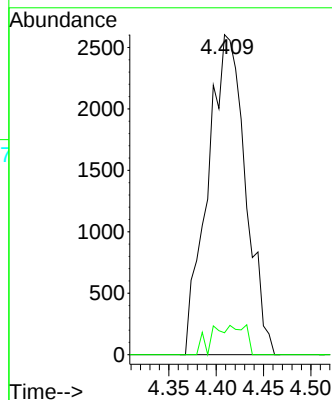
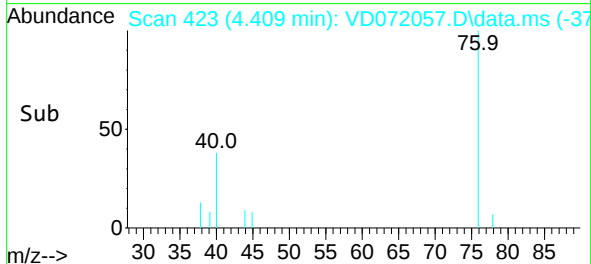


#17
Carbon Disulfide
Concen: 1.175 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

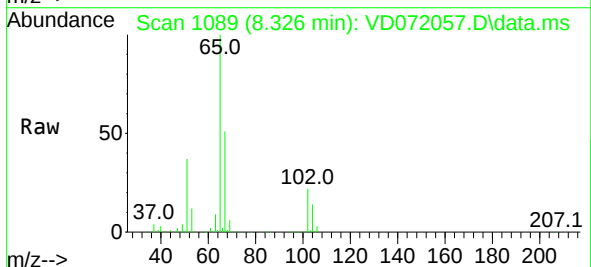
Instrument :
MSVOA_D
ClientSampleId :
CC-A3RE



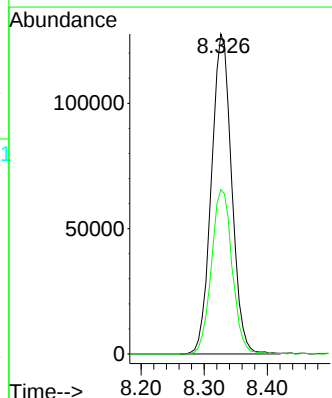
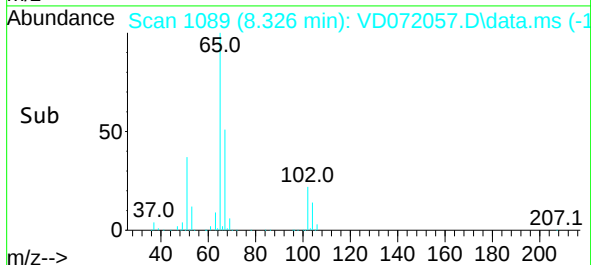
Tgt Ion: 76 Resp: 7241
Ion Ratio Lower Upper
76 100
78 6.9 6.7 10.1

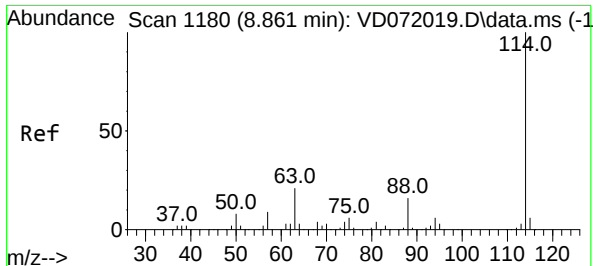


#33
1,2-Dichloroethane-d4
Concen: 50.189 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07



Tgt Ion: 65 Resp: 284750
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072057.D

Acq: 22 Feb 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

CC-A3RE

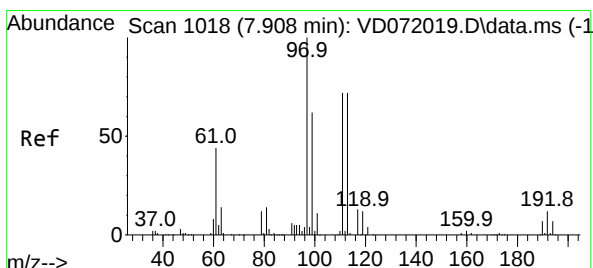
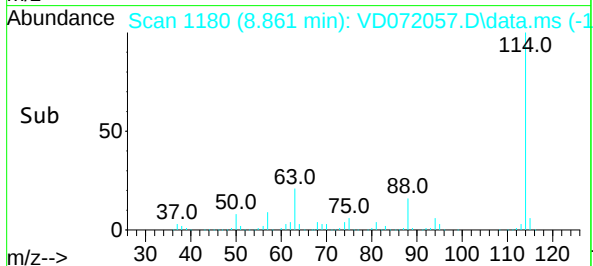
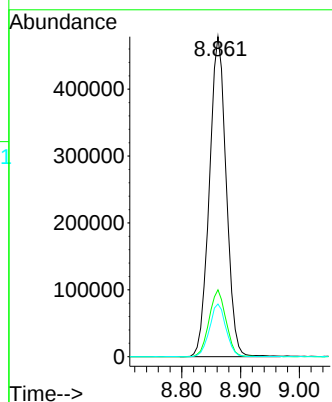
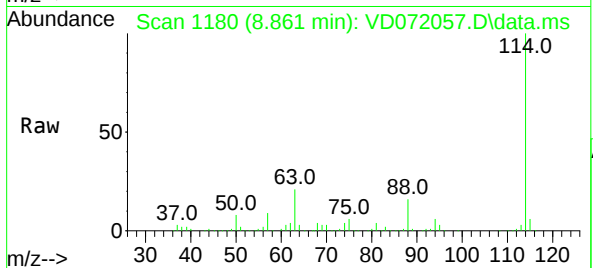
Tgt Ion:114 Resp: 950986

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.2

88 16.5 0.0 31.2



#35

Dibromofluoromethane

Concen: 25.466 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072057.D

Acq: 22 Feb 2022 15:07

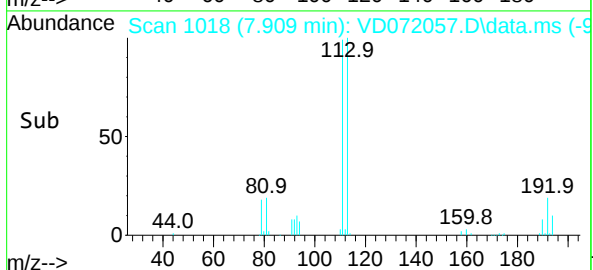
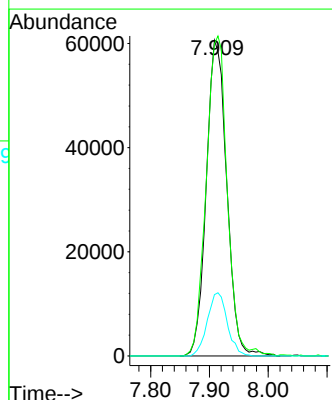
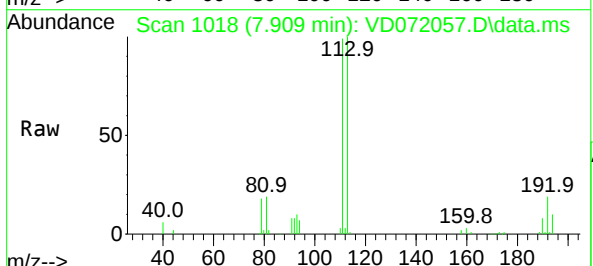
Tgt Ion:113 Resp: 146728

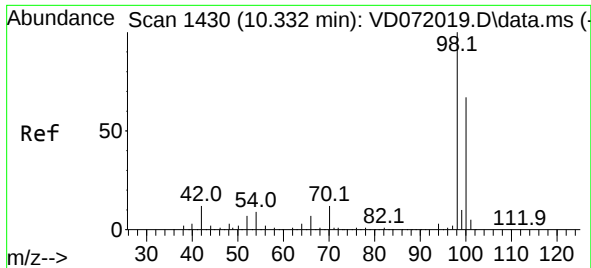
Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.4

192 19.5 15.3 22.9

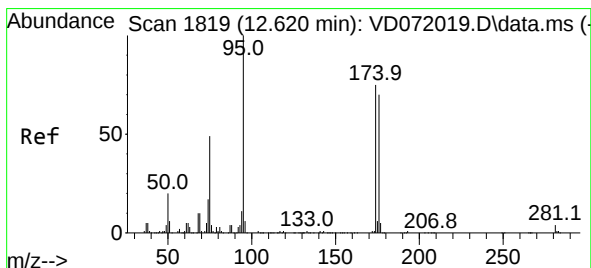
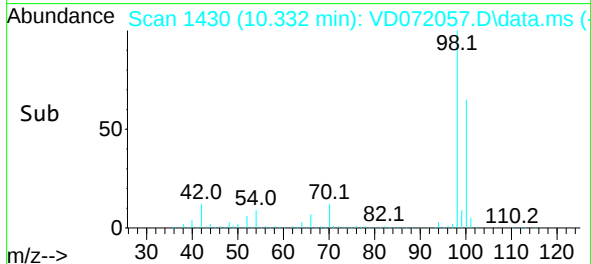
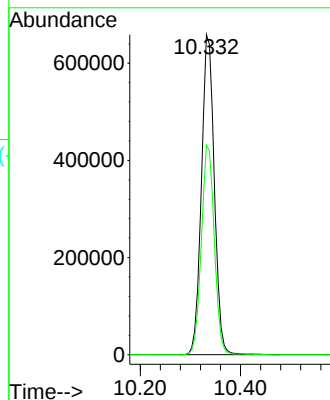
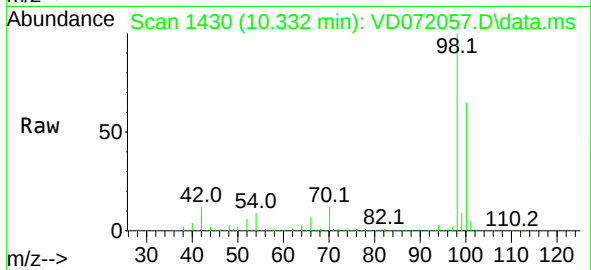




#50
Toluene-d8
Concen: 54.969 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

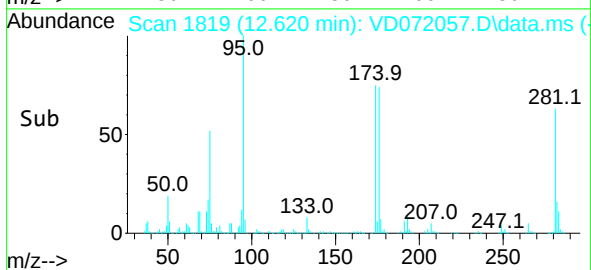
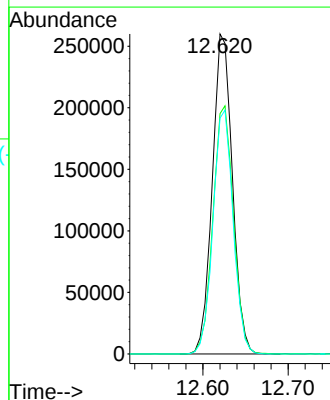
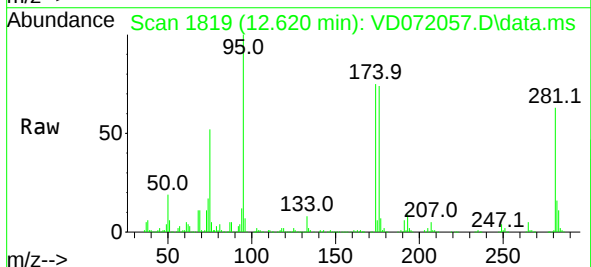
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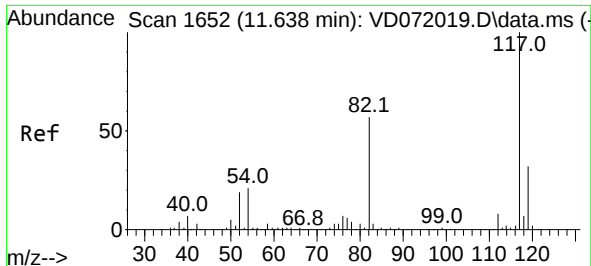
Tgt Ion: 98 Resp: 1174509
Ion Ratio Lower Upper
98 100
100 66.0 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.201 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

Tgt Ion: 95 Resp: 425403
Ion Ratio Lower Upper
95 100
174 79.4 0.0 155.0
176 76.4 0.0 148.8

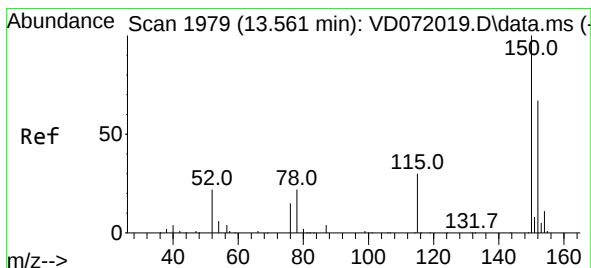
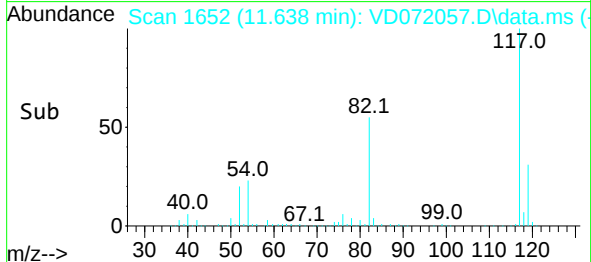
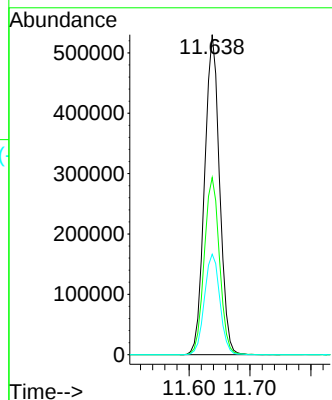
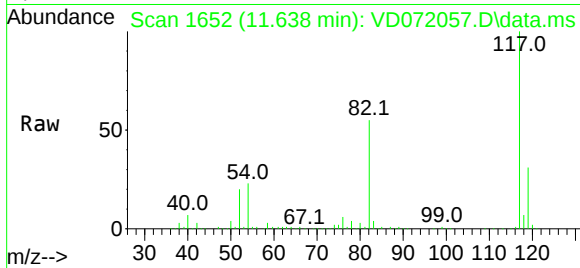




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

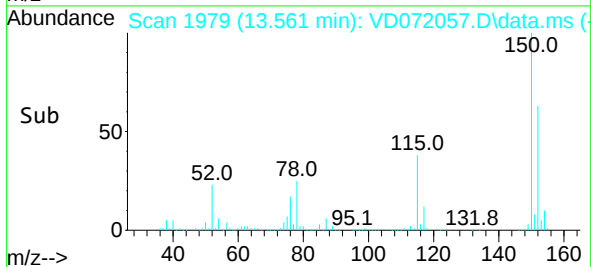
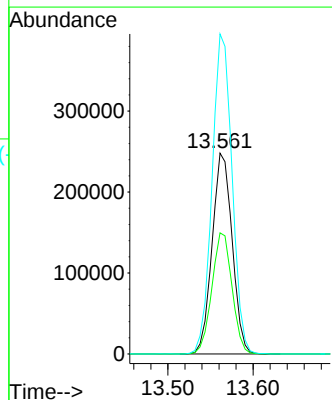
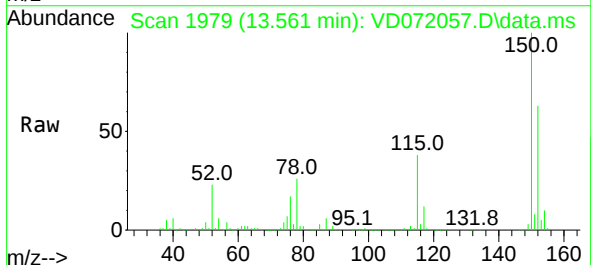
Instrument :
MSVOA_D
ClientSampleId :
CC-A3RE

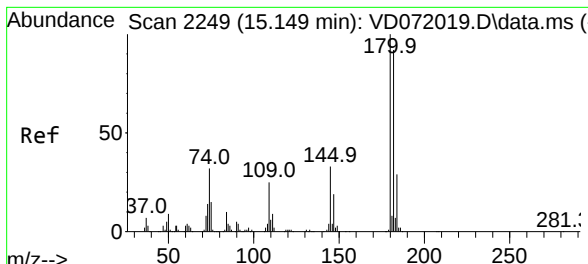
Tgt Ion:117 Resp: 905937
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072057.D
Acq: 22 Feb 2022 15:07

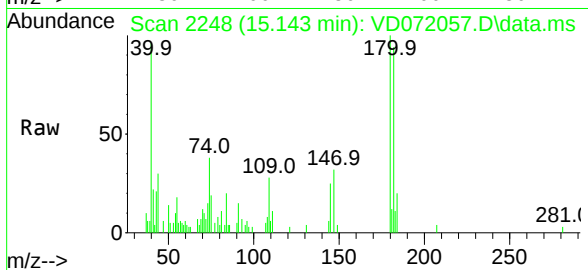
Tgt Ion:152 Resp: 405244
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.7
150 158.8 0.0 347.6





#93
 1,2,4-Trichlorobenzene
 Concen: 1.203 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD072057.D
 Acq: 22 Feb 2022 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-A3RE



Tgt Ion:	180	Resp:	8536
Ion	Ratio	Lower	Upper
180	100		
182	88.7	46.4	139.2
145	31.9	15.7	47.1

