

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062522\
 Data File : VD073709.D
 Acq On : 25 Jun 2022 15:01
 Operator : VA/SY
 Sample : N3454-02
 Misc : 4.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4-GR

Quant Time: Jun 27 09:37:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 24 07:36:47 2022
 Response via : Initial Calibration

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

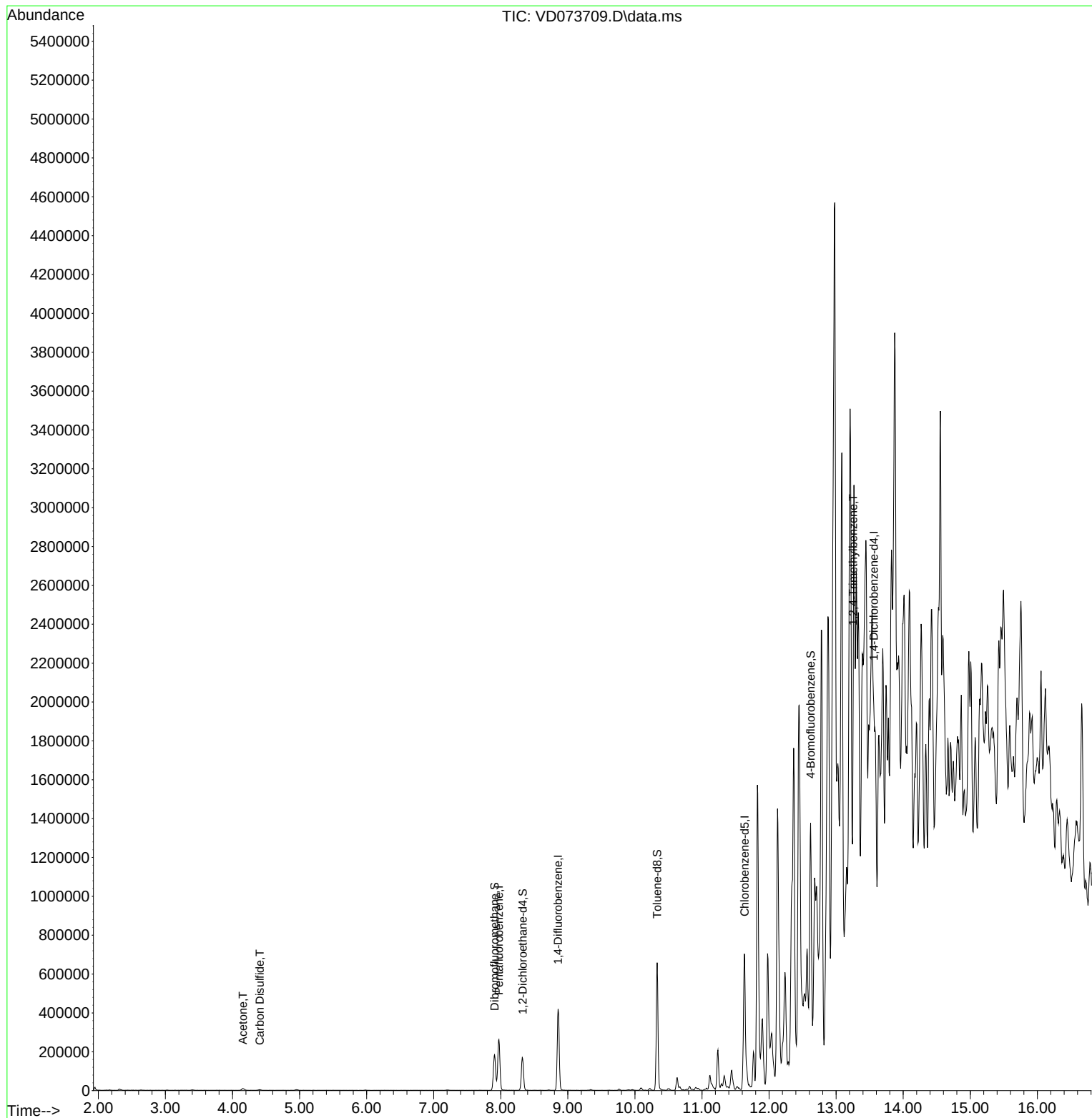
Internal Standards						
1) Pentafluorobenzene	7.973	168	196033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	370849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	359225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	139036	57.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.500%
35) Dibromofluoromethane	7.908	113	133739	46.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.331	98	442038	42.615	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.240%
62) 4-Bromofluorobenzene	12.620	95	221985	57.059	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.120%
Target Compounds						
					Qvalue	
16) Acetone	4.155	43	17174	37.957	ug/l	89
17) Carbon Disulfide	4.408	76	6834	1.345	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	36965	2.115	ug/l	94

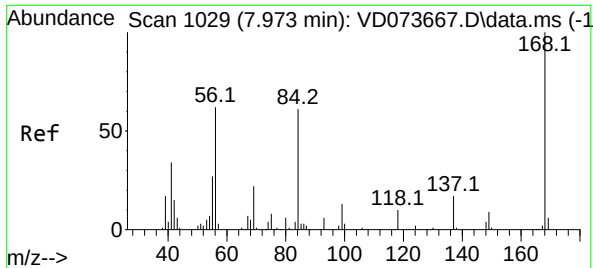
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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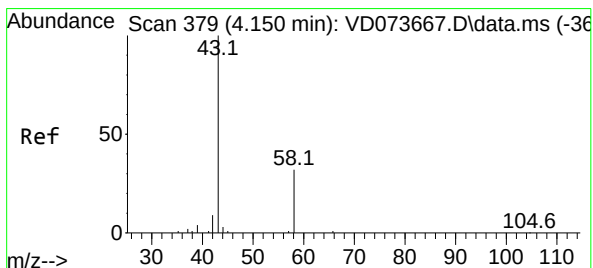
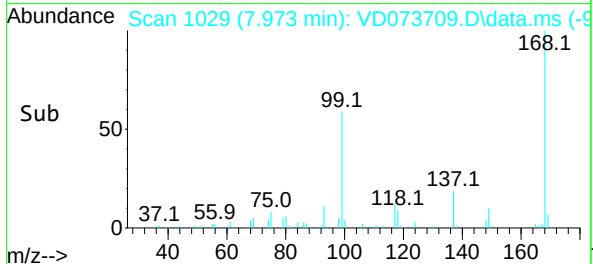
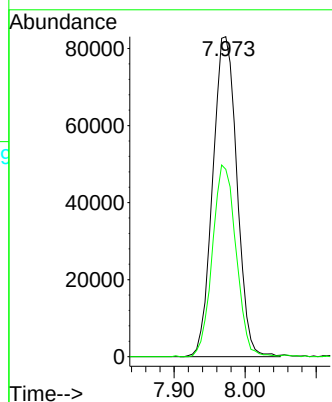
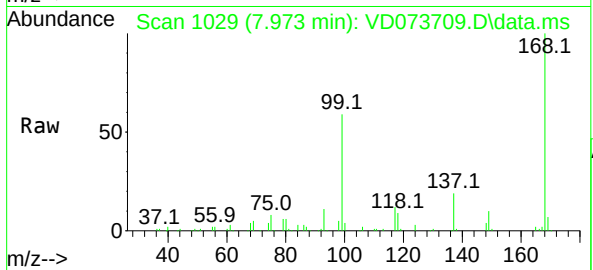




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

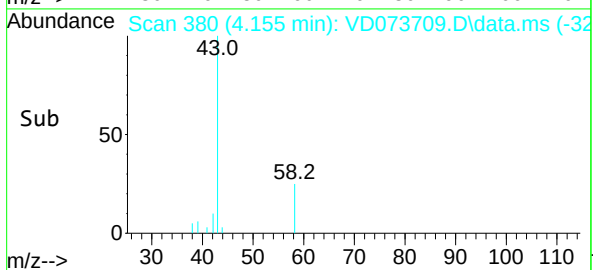
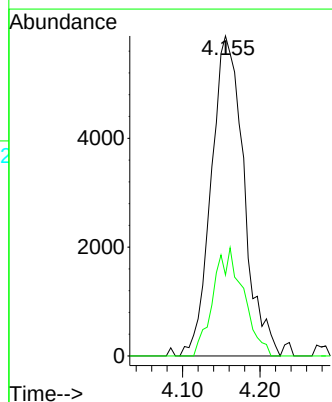
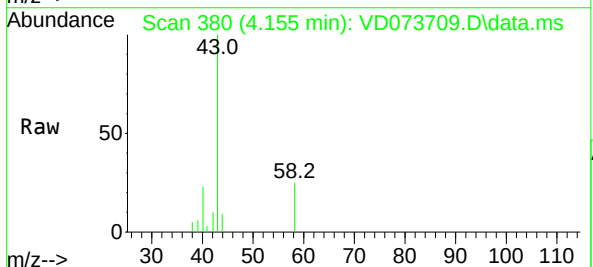
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

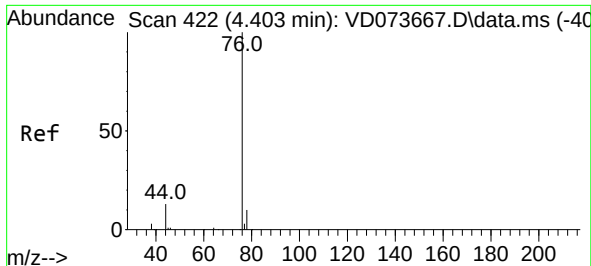
Tgt Ion:168 Resp: 196033
Ion Ratio Lower Upper
168 100
99 58.5 46.4 69.6



#16
Acetone
Concen: 37.957 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.005 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

Tgt Ion: 43 Resp: 17174
Ion Ratio Lower Upper
43 100
58 25.3 25.2 37.8

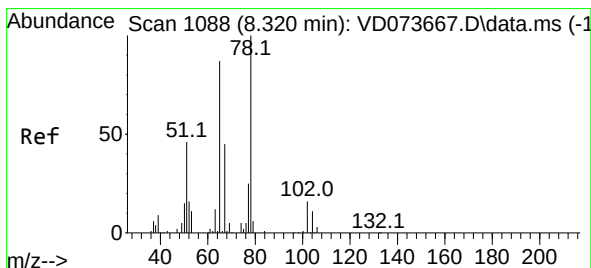
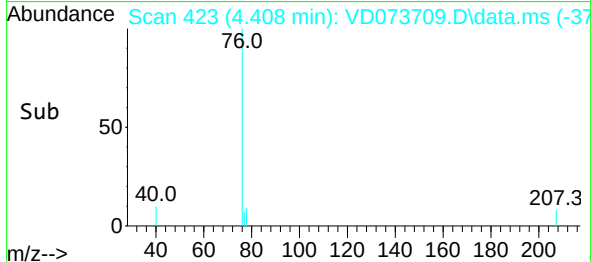
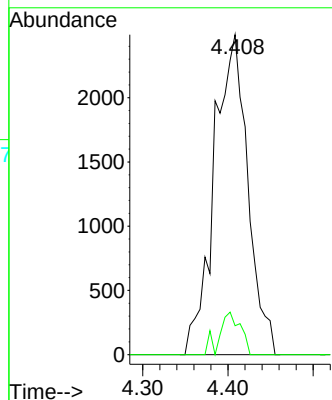
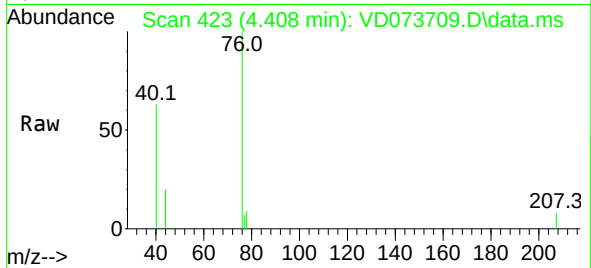




#17
Carbon Disulfide
Concen: 1.345 ug/l
RT: 4.408 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

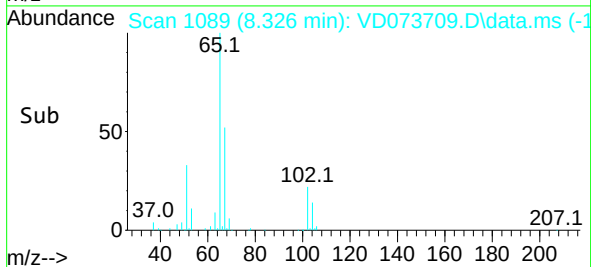
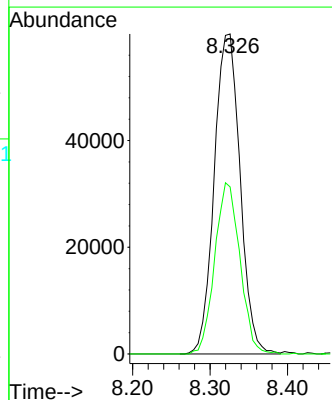
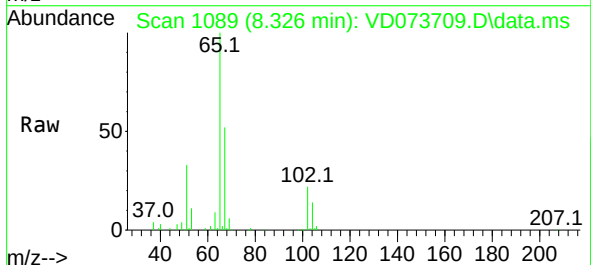
Instrument :
MSVOA_D
ClientSampleId :
WC-16-1A-4-GR

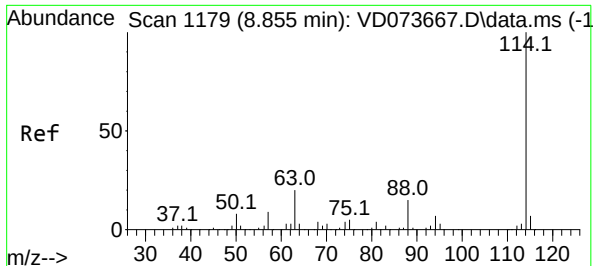
Tgt Ion: 76 Resp: 6834
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5



#33
1,2-Dichloroethane-d4
Concen: 57.746 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.005 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

Tgt Ion: 65 Resp: 139036
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073709.D

Acq: 25 Jun 2022 15:01

Instrument :

MSVOA_D

ClientSampleId :

WC-16-1A-4-GR

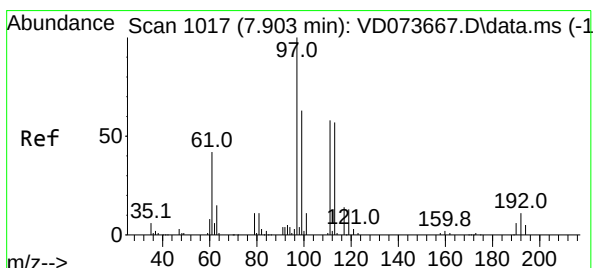
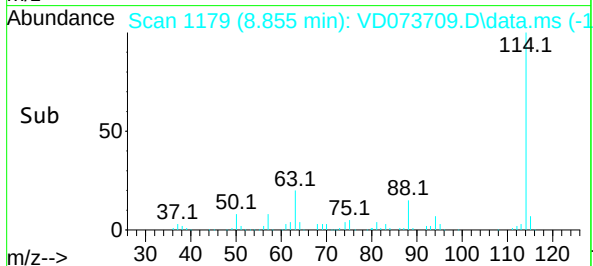
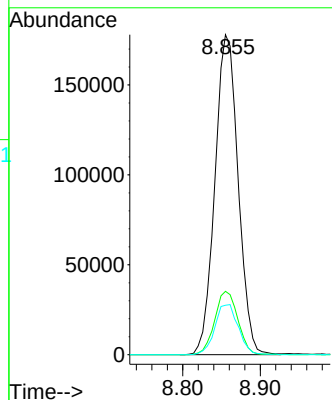
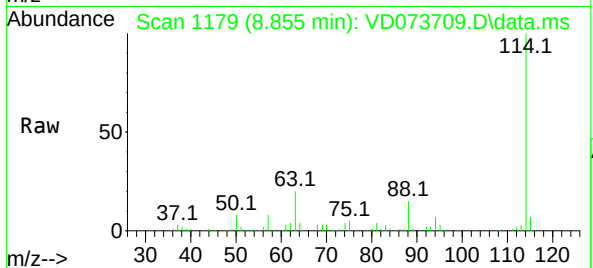
Tgt Ion:114 Resp: 370849

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.2

88 15.5 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.294 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD073709.D

Acq: 25 Jun 2022 15:01

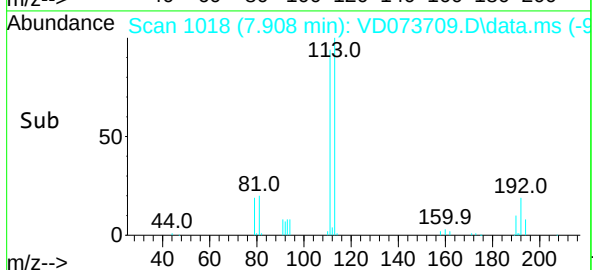
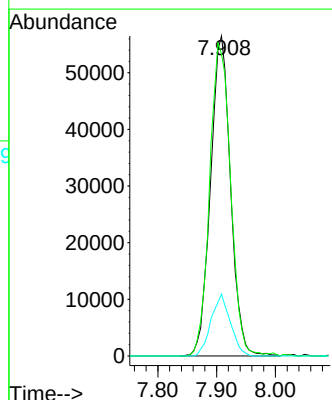
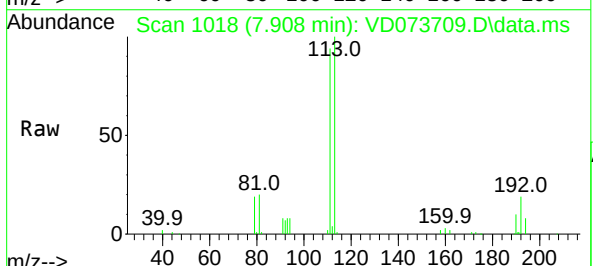
Tgt Ion:113 Resp: 133739

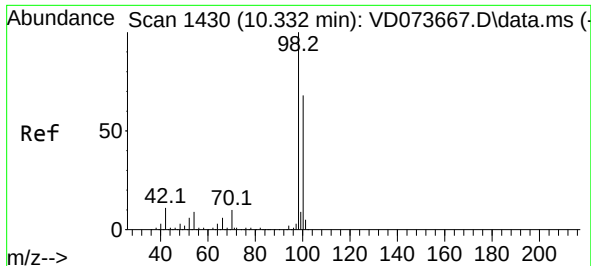
Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

192 18.6 14.8 22.2

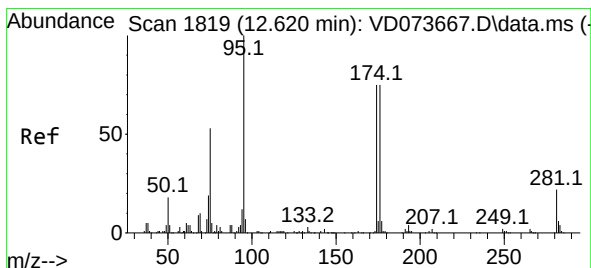
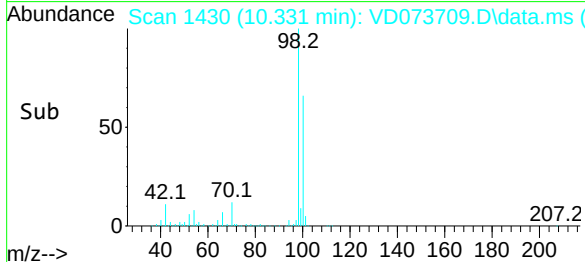
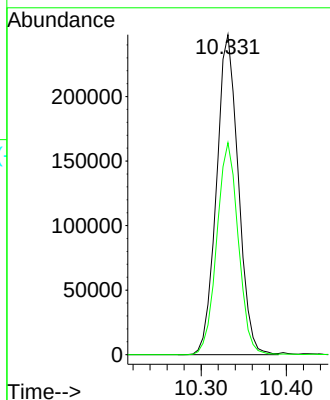
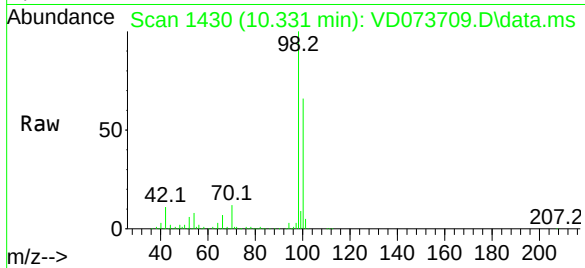




#50
Toluene-d8
Concen: 42.615 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

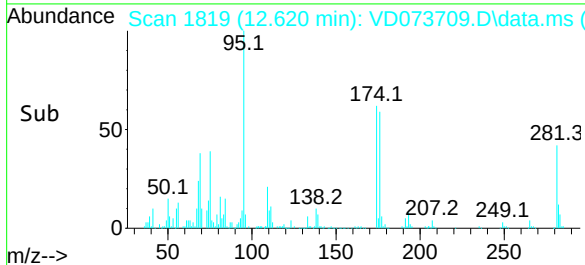
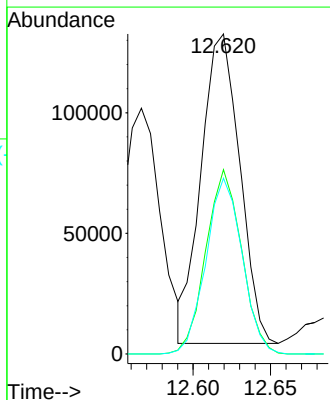
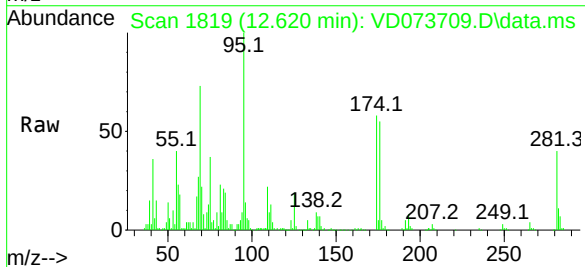
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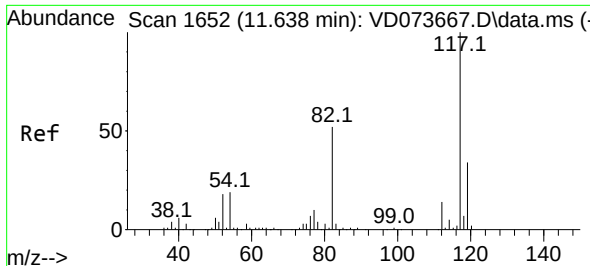
Tgt Ion: 98 Resp: 442038
Ion Ratio Lower Upper
98 100
100 65.3 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 57.059 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

Tgt Ion: 95 Resp: 221985
Ion Ratio Lower Upper
95 100
174 55.2 0.0 158.4
176 53.2 0.0 154.8

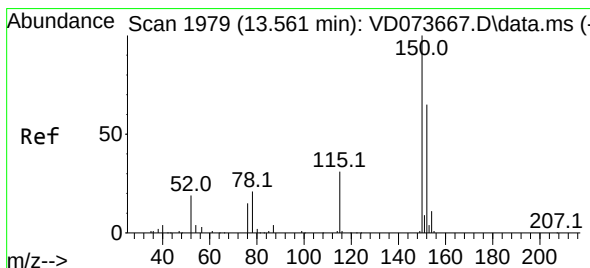
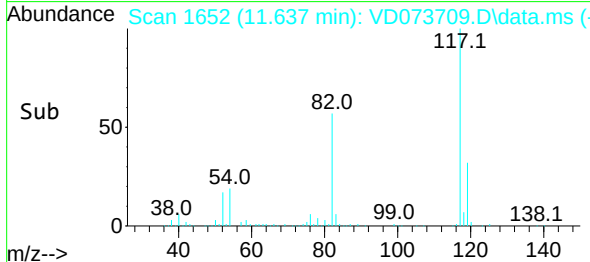
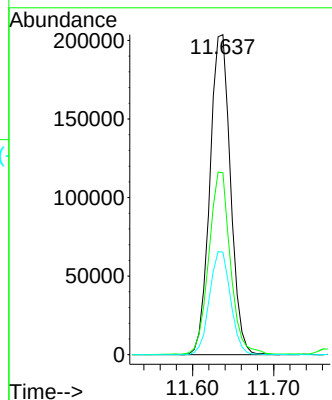
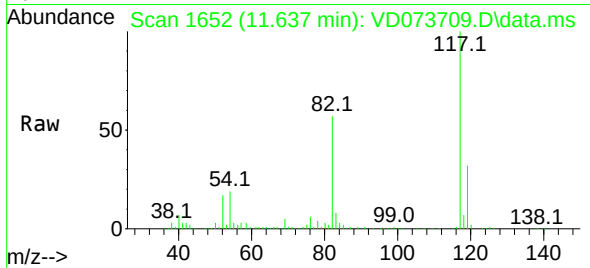




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

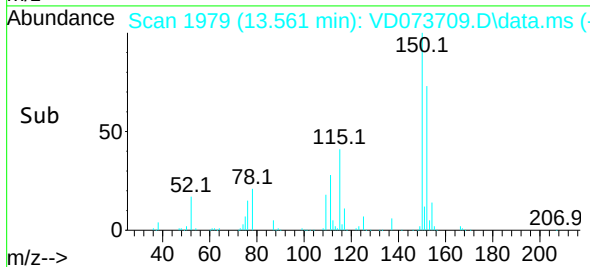
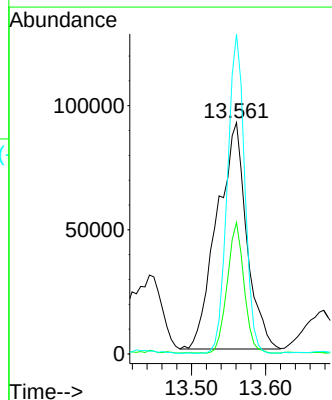
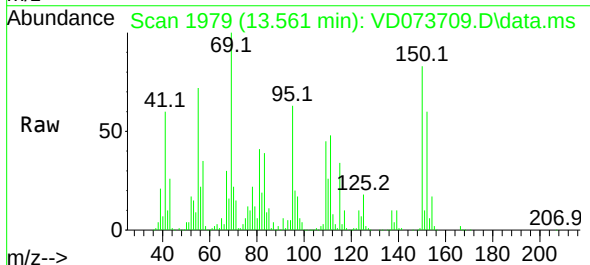
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WC-16-1A-4-GR

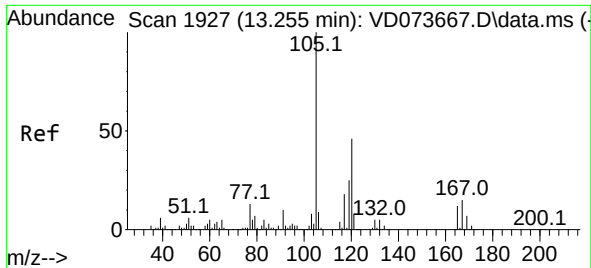
Tgt Ion:117 Resp: 359225
Ion Ratio Lower Upper
117 100
82 56.7 41.5 62.3
119 32.1 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073709.D
Acq: 25 Jun 2022 15:01

Tgt Ion:152 Resp: 254193
Ion Ratio Lower Upper
152 100
115 32.5 30.6 91.6
150 81.5 0.0 355.0





#84
 1,2,4-Trimethylbenzene
 Concen: 2.115 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: VD073709.D
 Acq: 25 Jun 2022 15:01

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-16-1A-4-GR

Tgt Ion:105 Resp: 36965
 Ion Ratio Lower Upper
 105 100
 120 41.6 22.6 67.8

