

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010522\
 Data File : VD071612.D
 Acq On : 05 Jan 2022 14:19
 Operator : VA/SY
 Sample : N1007-01
 Misc : 2.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BARNUM-ST-SP

Quant Time: Jan 06 07:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

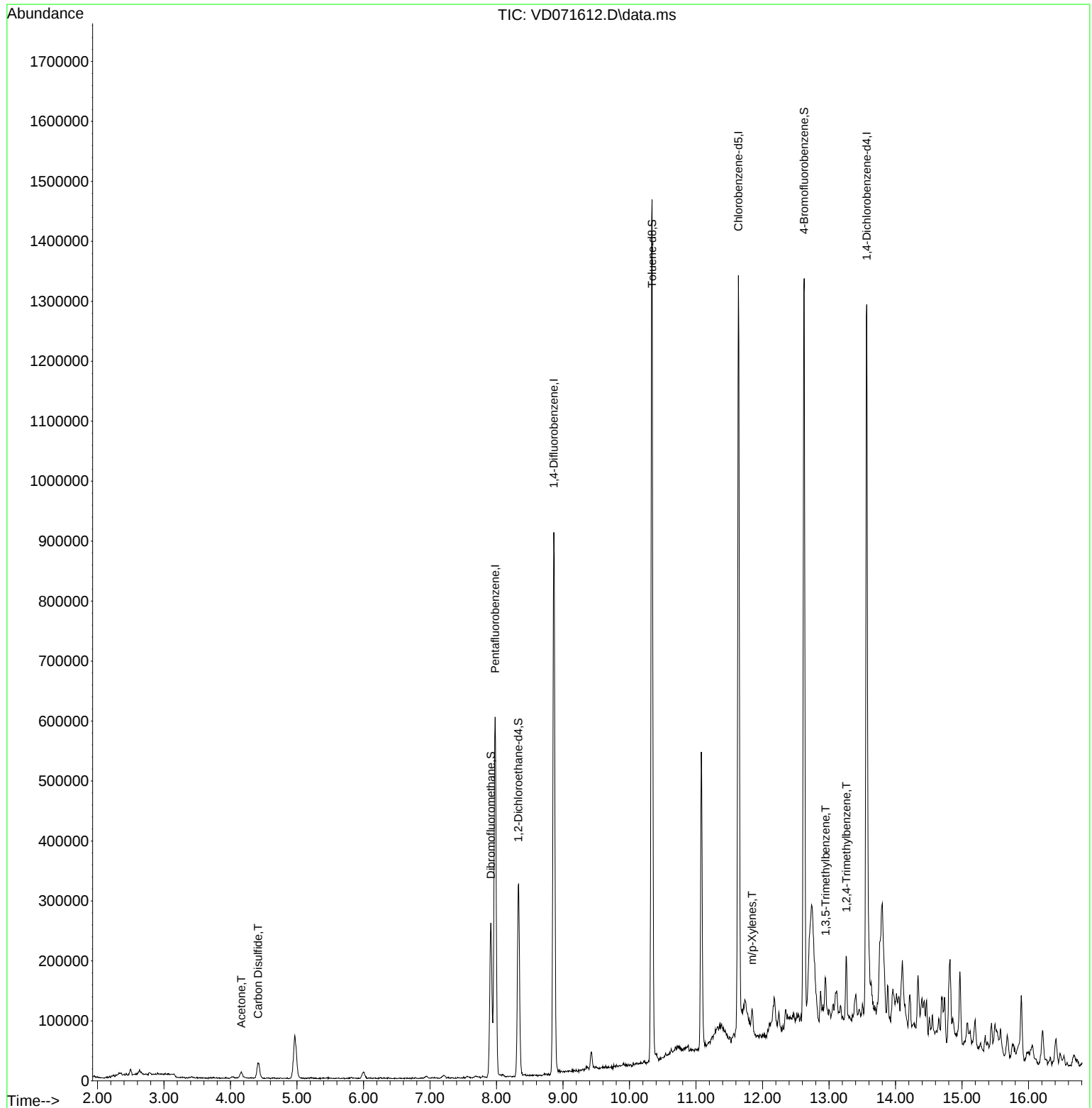
Internal Standards						
1) Pentafluorobenzene	7.979	168	413956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	721376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	663526	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	292649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	258428	47.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.914	113	178255	36.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.540%
50) Toluene-d8	10.338	98	922265	50.338	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.626	95	307621	47.250	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.500%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	18792	13.608	ug/l #	80
17) Carbon Disulfide	4.415	76	55162	3.926	ug/l	100
68) m/p-Xylenes	11.844	106	11214	1.165	ug/l	94
80) 1,3,5-Trimethylbenzene	12.949	105	20572	1.105	ug/l	100
84) 1,2,4-Trimethylbenzene	13.261	105	61531	3.341	ug/l	97

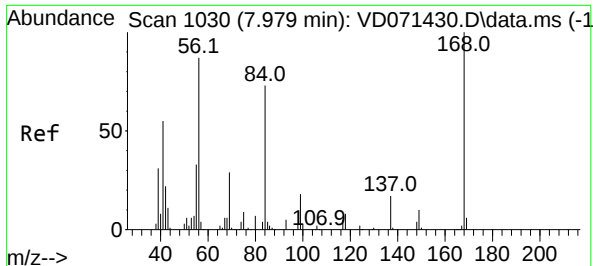
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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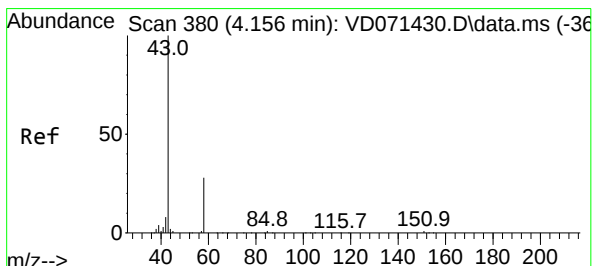
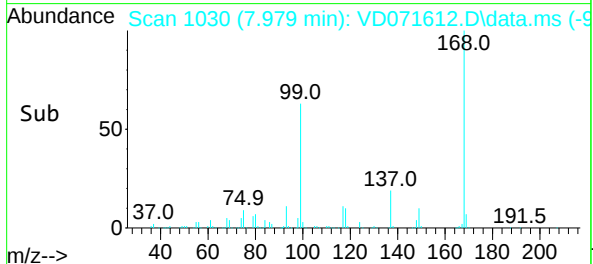
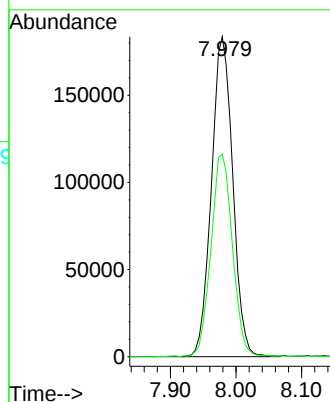
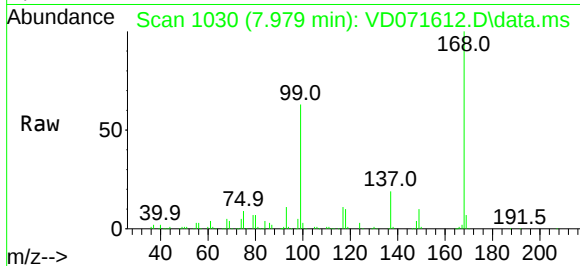




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

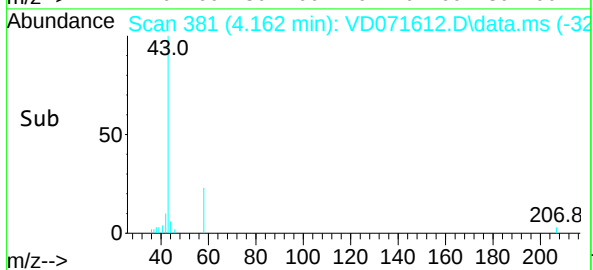
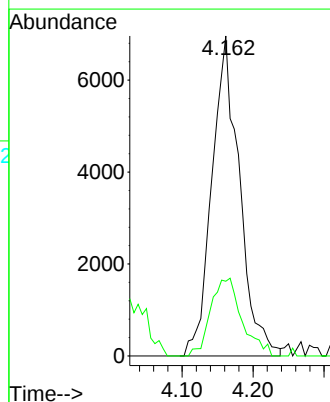
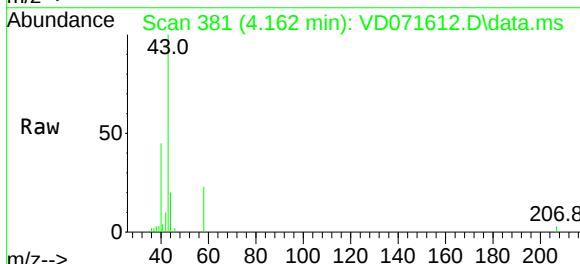
Instrument :
MSVOA_D
ClientSampleId :
BARNUM-ST-SP

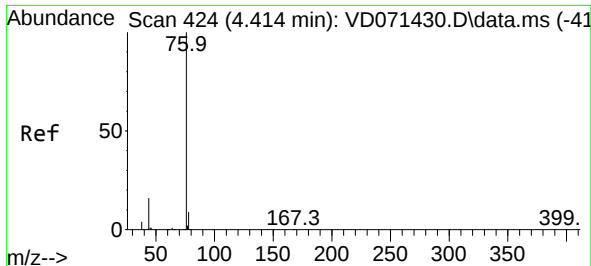
Tgt Ion:168 Resp: 413956
Ion Ratio Lower Upper
168 100
99 63.3 46.6 69.8



#16
Acetone
Concen: 13.608 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

Tgt Ion: 43 Resp: 18792
Ion Ratio Lower Upper
43 100
58 23.4 27.8 41.8#

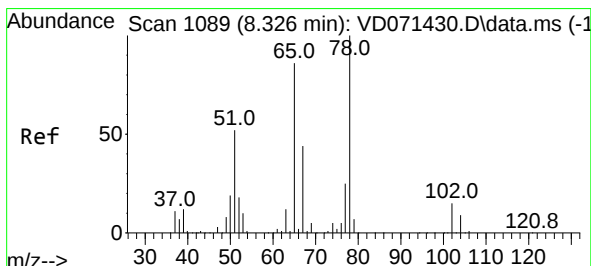
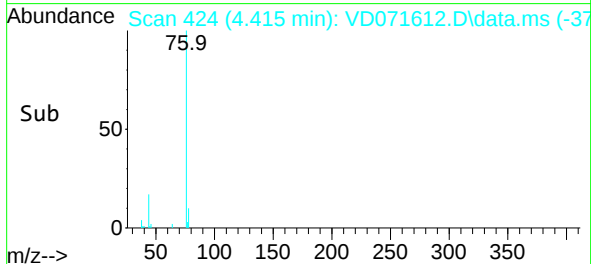
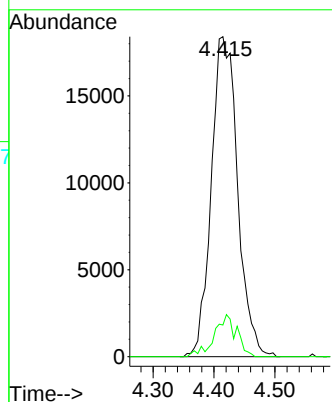
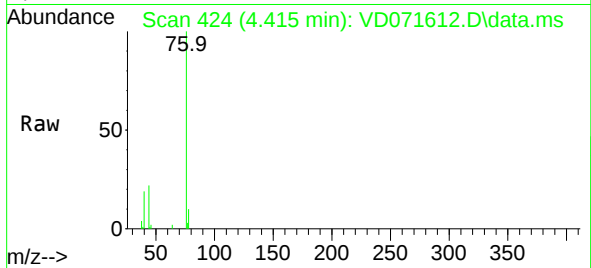




#17
Carbon Disulfide
Concen: 3.926 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

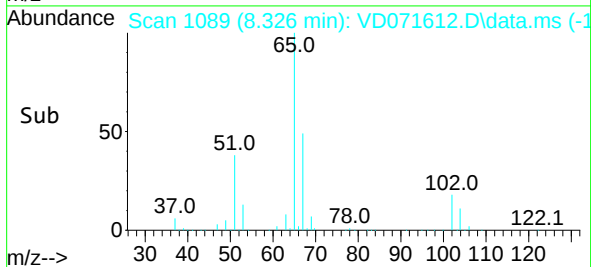
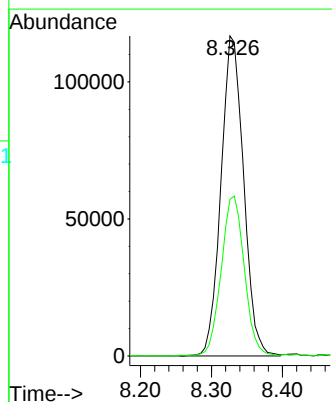
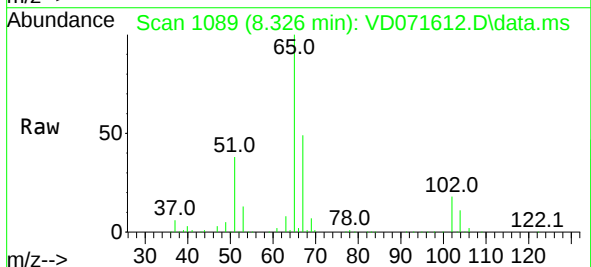
Instrument :
MSVOA_D
ClientSampleId :
BARNUM-ST-SP

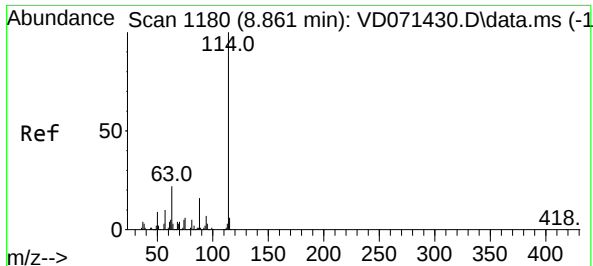
Tgt Ion: 76 Resp: 55162
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8



#33
1,2-Dichloroethane-d4
Concen: 47.007 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

Tgt Ion: 65 Resp: 258428
Ion Ratio Lower Upper
65 100
67 50.8 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071612.D

Acq: 05 Jan 2022 14:19

Instrument :

MSVOA_D

ClientSampleId :

BARNUM-ST-SP

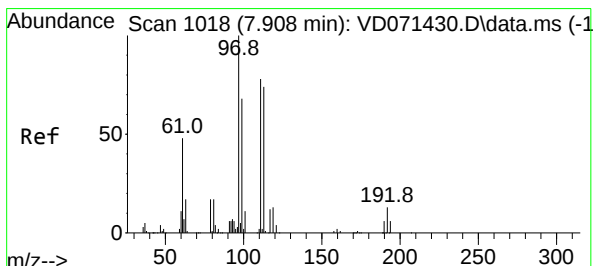
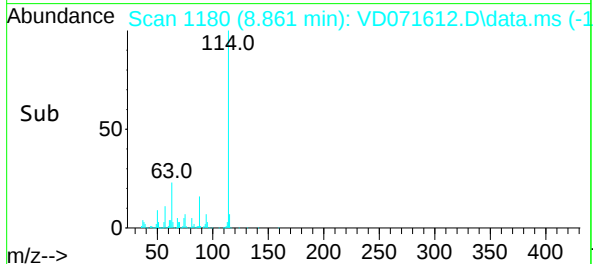
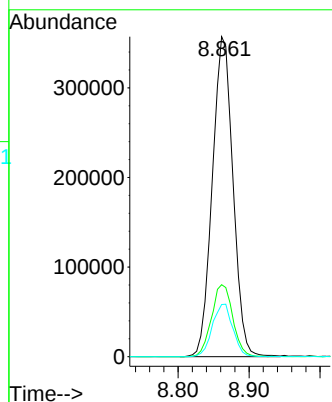
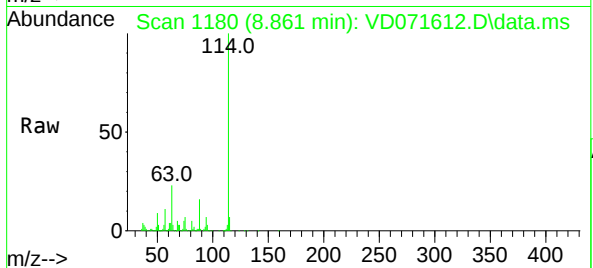
Tgt Ion:114 Resp: 721376

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 36.767 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071612.D

Acq: 05 Jan 2022 14:19

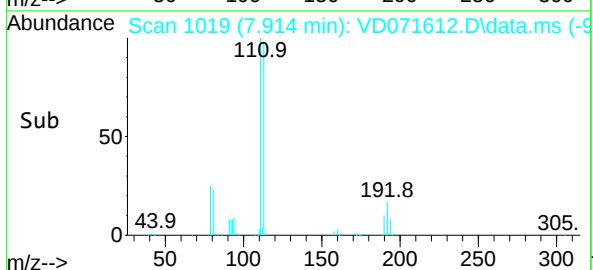
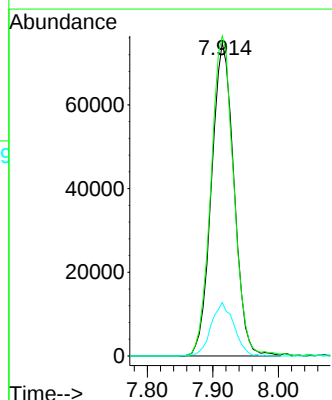
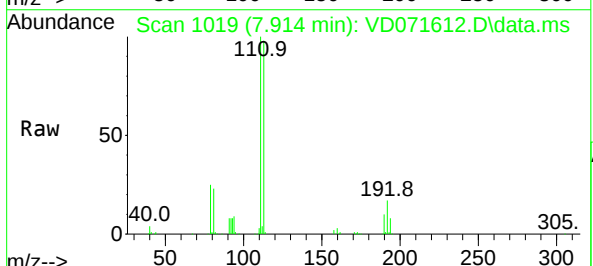
Tgt Ion:113 Resp: 178255

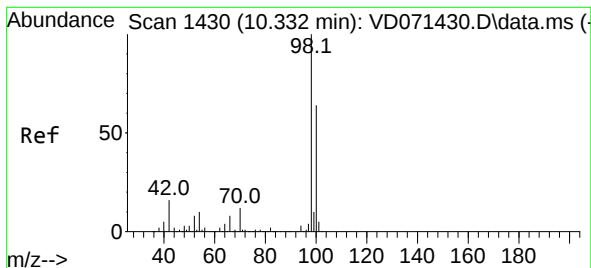
Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 17.3 15.2 22.8





#50

Toluene-d8

Concen: 50.338 ug/l

RT: 10.338 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VD071612.D

Acq: 05 Jan 2022 14:19

Instrument :

MSVOA_D

ClientSampleId :

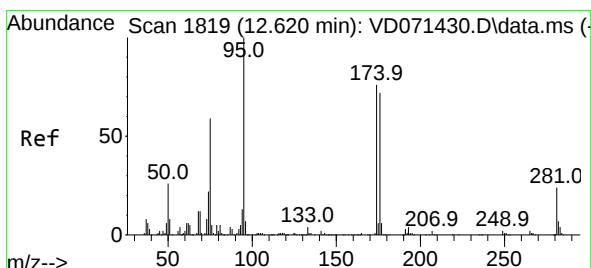
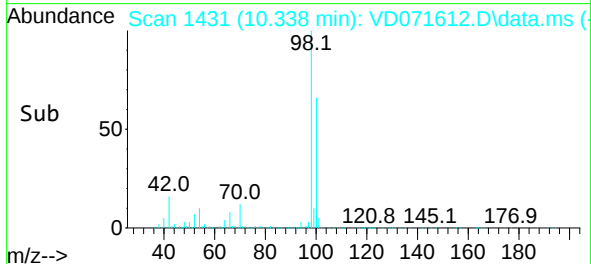
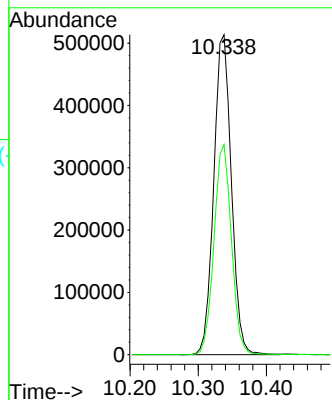
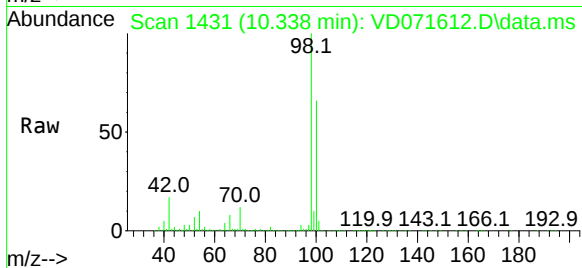
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Tgt Ion: 98 Resp: 922265

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 47.250 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. -0.000 min

Lab File: VD071612.D

Acq: 05 Jan 2022 14:19

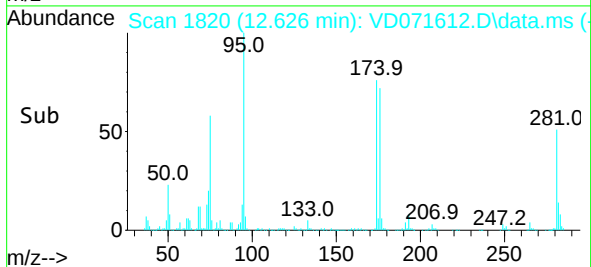
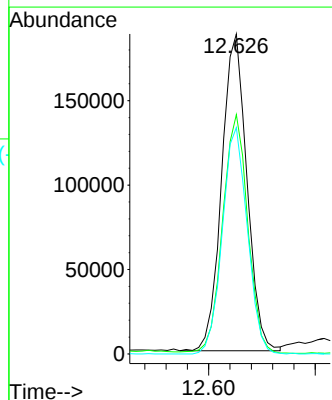
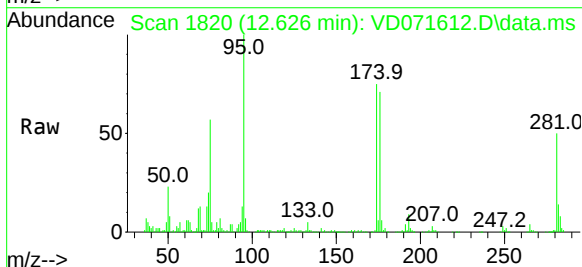
Tgt Ion: 95 Resp: 307621

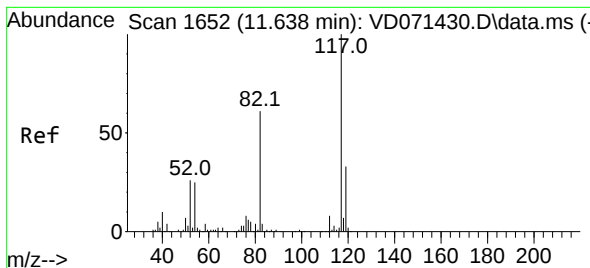
Ion Ratio Lower Upper

95 100

174 75.5 0.0 159.4

176 70.8 0.0 154.0

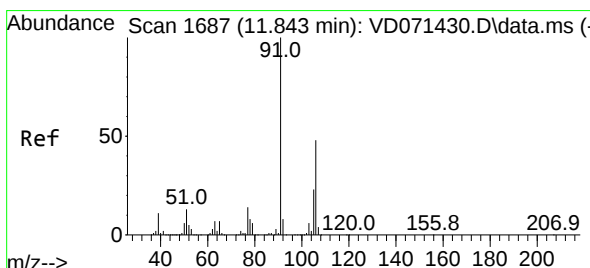
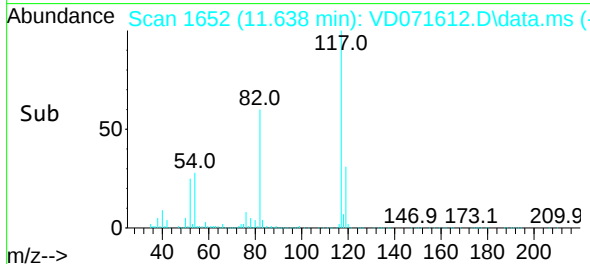
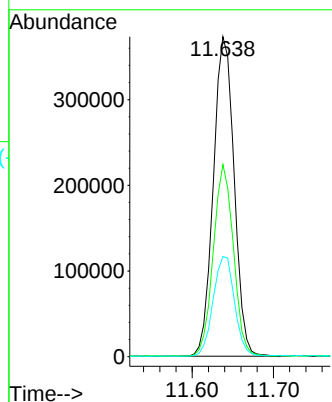
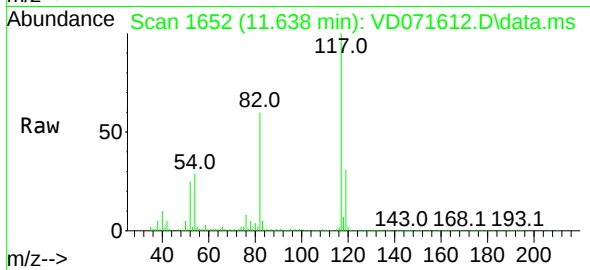




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

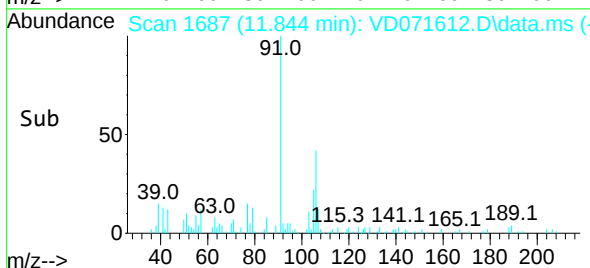
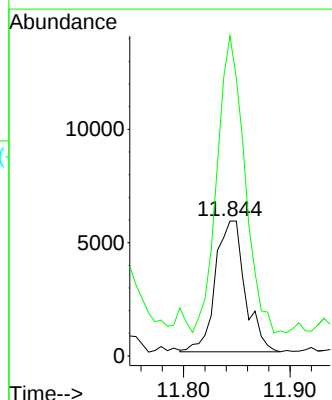
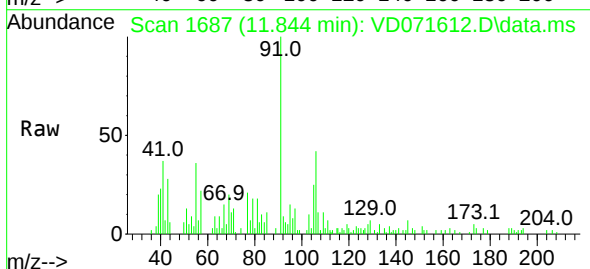
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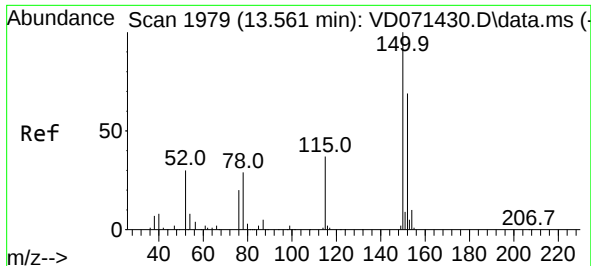
Tgt Ion:117 Resp: 663526
Ion Ratio Lower Upper
117 100
82 60.0 44.7 67.1
119 31.3 26.2 39.4



#68
m/p-Xylenes
Concen: 1.165 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

Tgt Ion:106 Resp: 11214
Ion Ratio Lower Upper
106 100
91 209.7 160.1 240.1

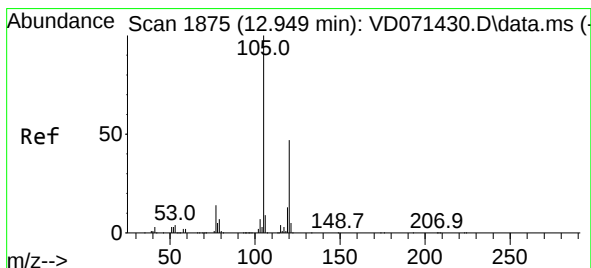
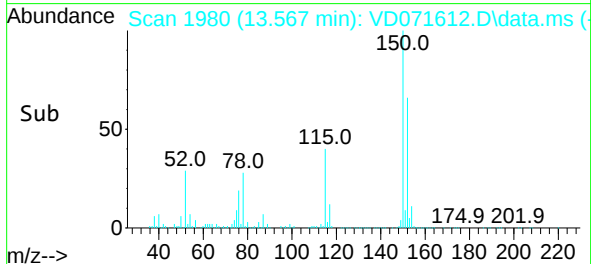
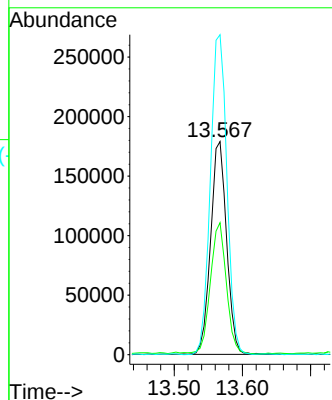
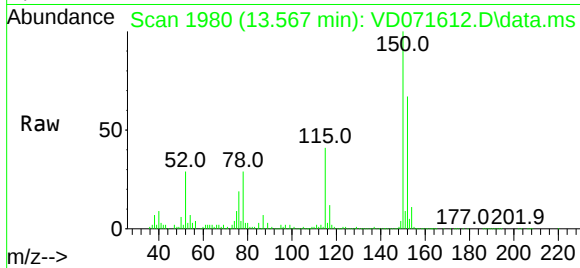




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

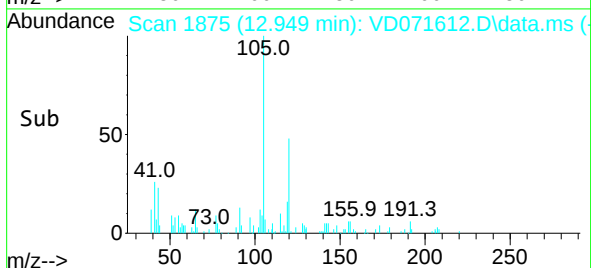
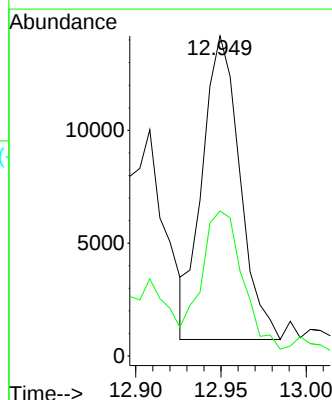
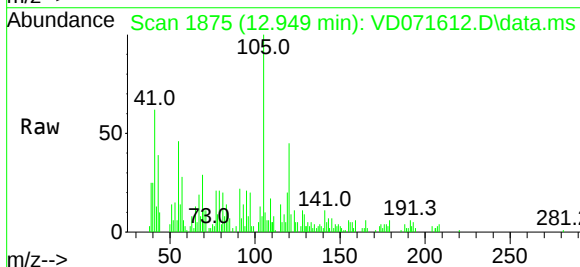
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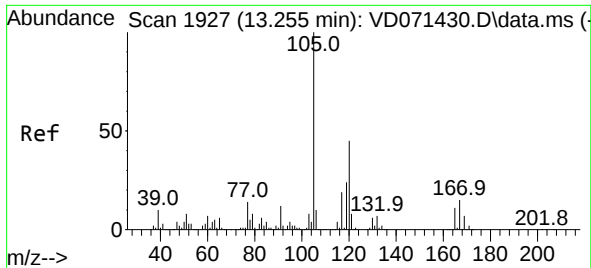
Tgt Ion:152 Resp: 292649
Ion Ratio Lower Upper
152 100
115 61.5 29.8 89.3
150 155.2 0.0 349.2



#80
1,3,5-Trimethylbenzene
Concen: 1.105 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071612.D
Acq: 05 Jan 2022 14:19

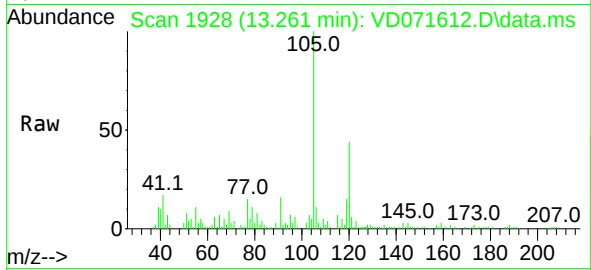
Tgt Ion:105 Resp: 20572
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.8





#84
 1,2,4-Trimethylbenzene
 Concen: 3.341 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: VD071612.D
 Acq: 05 Jan 2022 14:19

Instrument :
 MSVOA_D
 ClientSampleId :
 BARNUM-ST-SP



Tgt Ion:105 Resp: 61531
 Ion Ratio Lower Upper
 105 100
 120 48.1 22.9 68.7

