

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012822\
 Data File : VD071820.D
 Acq On : 28 Jan 2022 13:25
 Operator : VA/SY
 Sample : N1319-04RE
 Misc : 9.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-1D

Quant Time: Jan 29 04:51:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

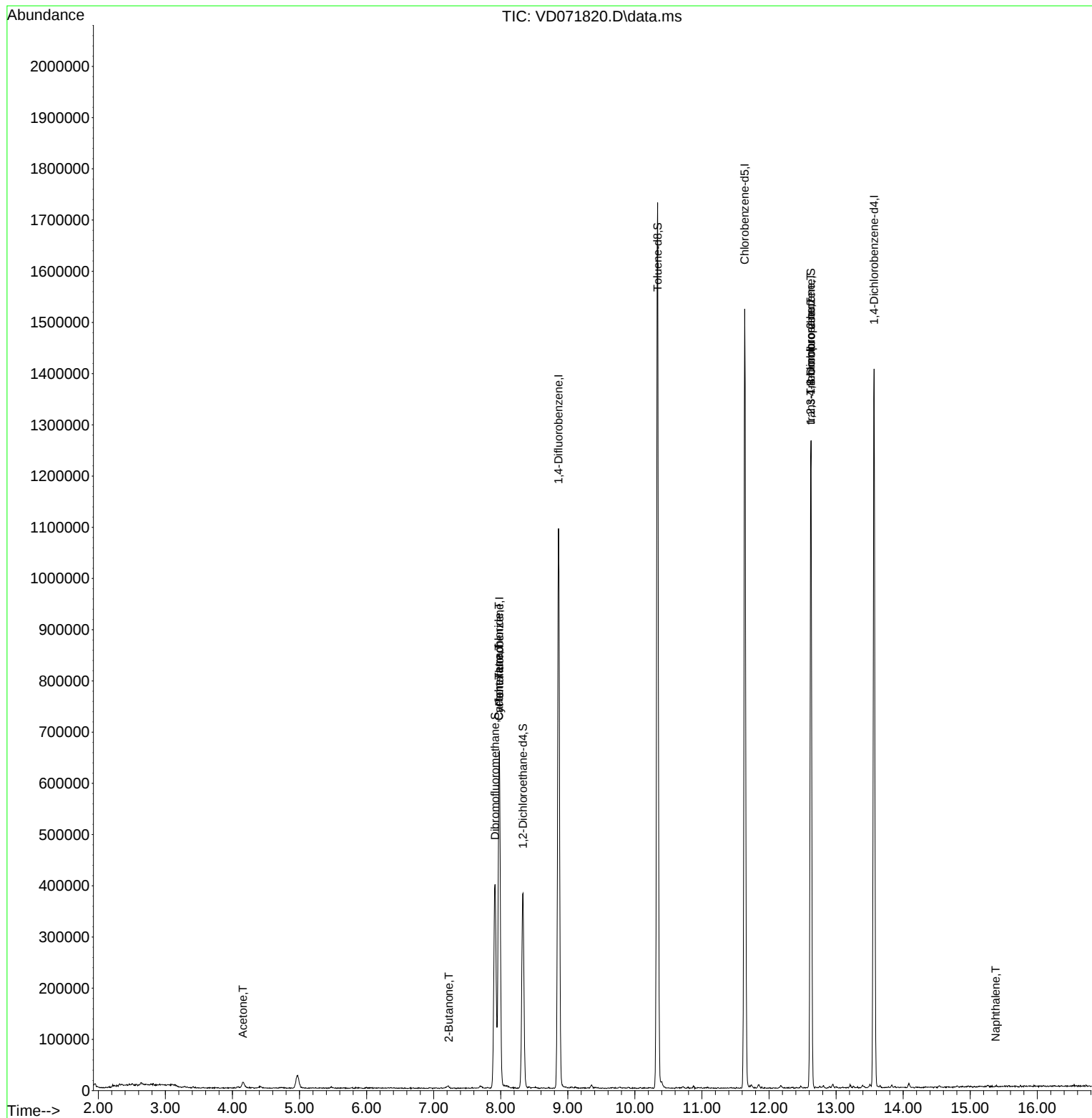
Internal Standards						
1) Pentafluorobenzene	7.979	168	463101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	883144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	817958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	348037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	314127	53.666	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.340%
35) Dibromofluoromethane	7.914	113	287722	49.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.120%
50) Toluene-d8	10.338	98	1123141	51.805	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.626	95	363255	47.979	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.960%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.232	59	375	Below Cal	#	74
16) Acetone	4.156	43	21611	13.487	ug/l	98
20) Methylene Chloride	4.962	84	17237	Below Cal	#	84
25) 2-Butanone	7.226	43	2679	1.434	ug/l	# 74
31) Cyclohexane	7.973	56	14051	1.257	ug/l	# 23
38) Carbon Tetrachloride	7.973	117	49338	5.007	ug/l	# 18
76) 1,2,3-Trichloropropane	12.620	75	200517	54.668	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	200517	134.417	ug/l	# 7
95) Naphthalene	15.379	128	1305	1.559	ug/l	# 75

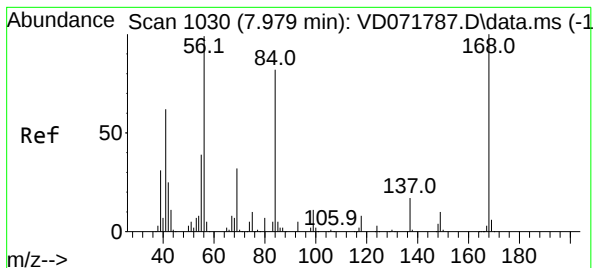
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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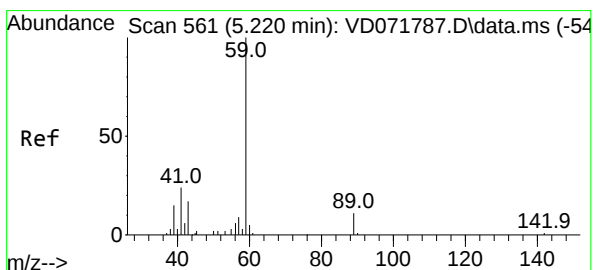
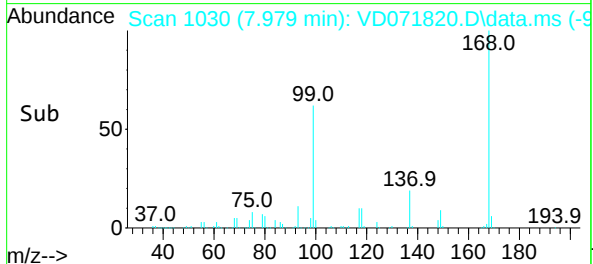
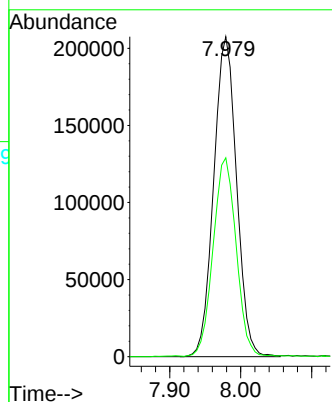
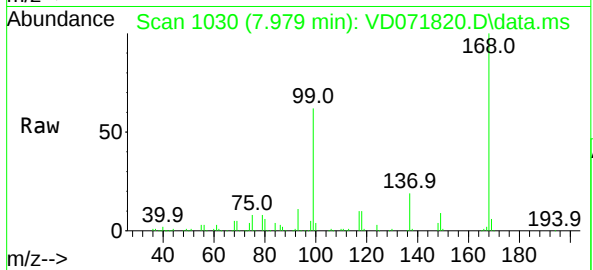




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

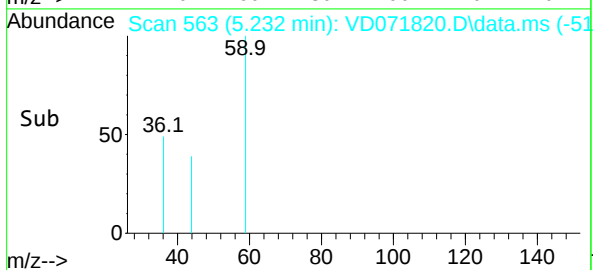
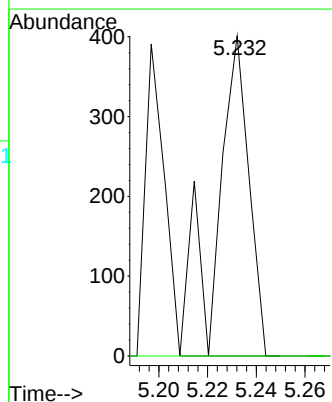
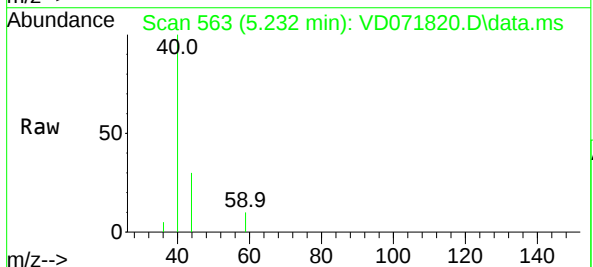
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

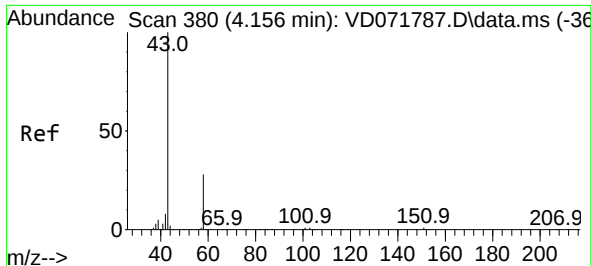
Tgt Ion:168 Resp: 463101
Ion Ratio Lower Upper
168 100
99 62.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 59 Resp: 375
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

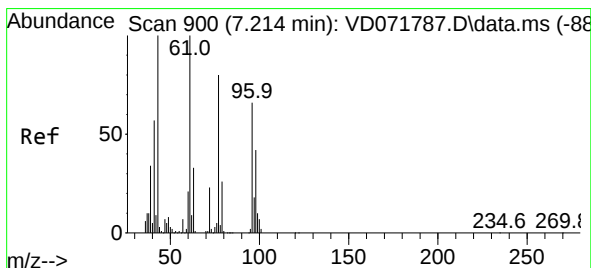
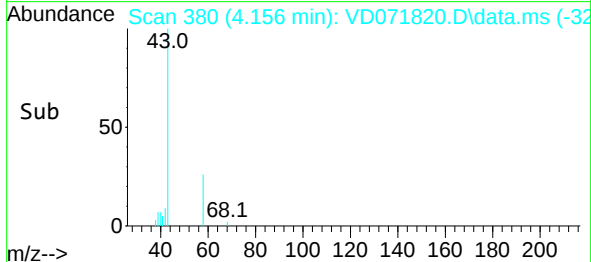
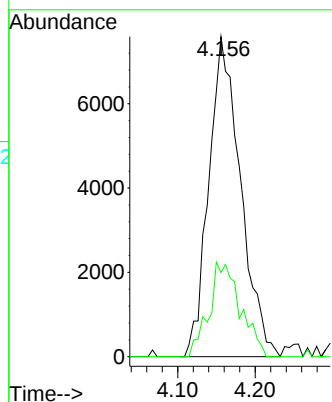
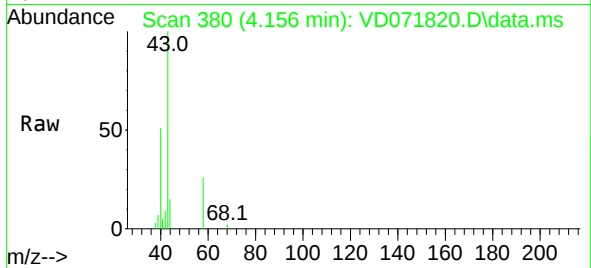




#16
Acetone
Concen: 13.487 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

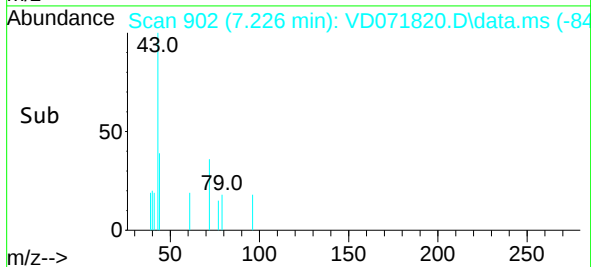
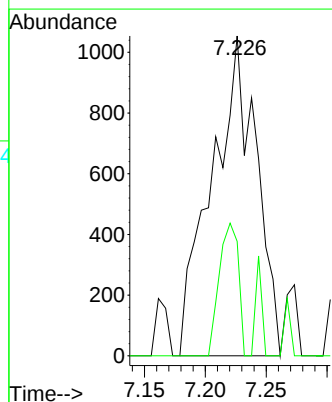
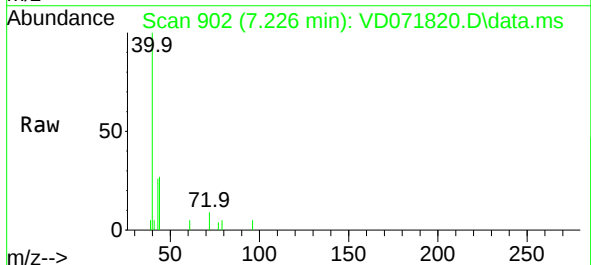
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

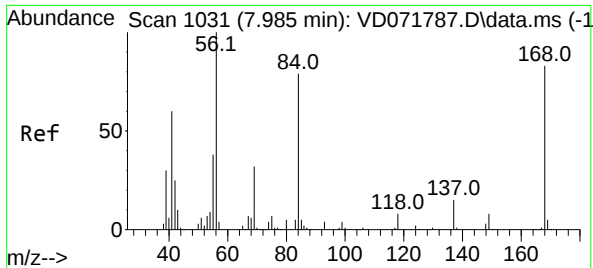
Tgt Ion: 43 Resp: 21611
Ion Ratio Lower Upper
43 100
58 26.3 22.1 33.1



#25
2-Butanone
Concen: 1.434 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 43 Resp: 2679
Ion Ratio Lower Upper
43 100
72 35.8 18.6 27.8#

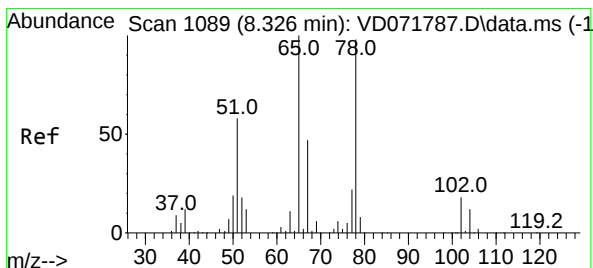
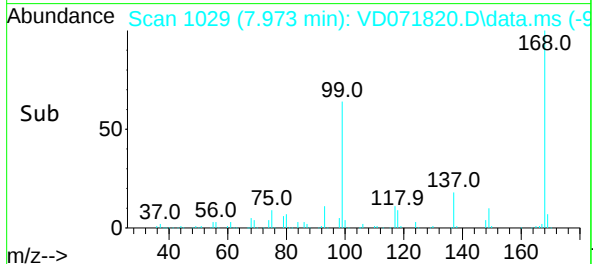
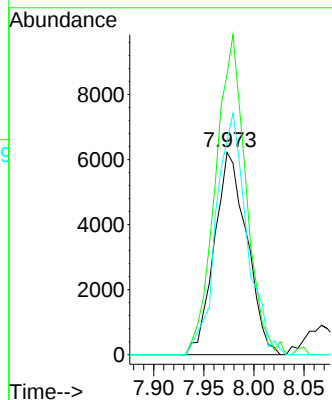
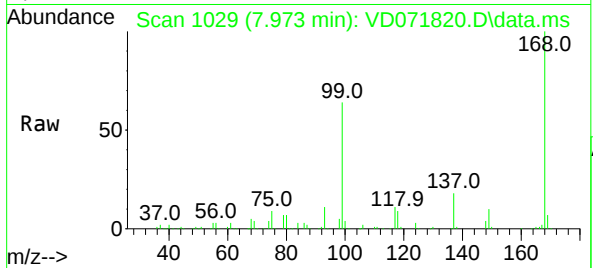




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

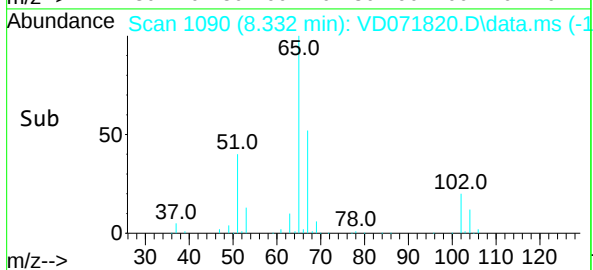
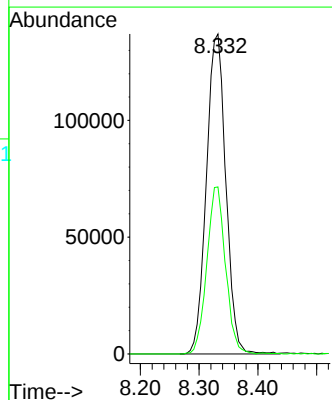
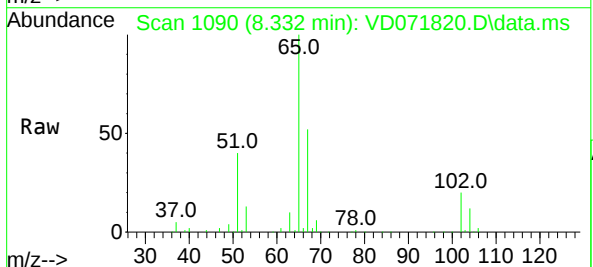
Instrument :
MSVOA_D
ClientSampleId :
MH-1D

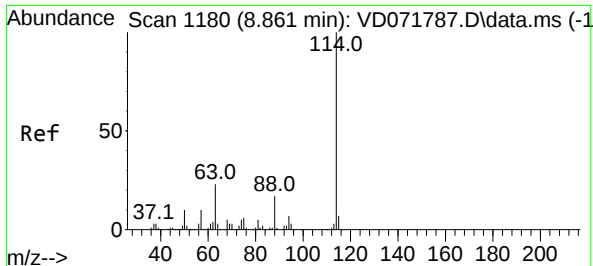
Tgt Ion: 56 Resp: 14051
Ion Ratio Lower Upper
56 100
69 138.6 25.4 38.2#
84 105.8 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 53.666 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 65 Resp: 314127
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071820.D

Acq: 28 Jan 2022 13:25

Instrument :

MSVOA_D

ClientSampleId :

MH-1D

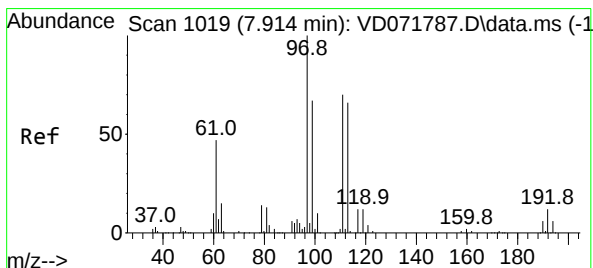
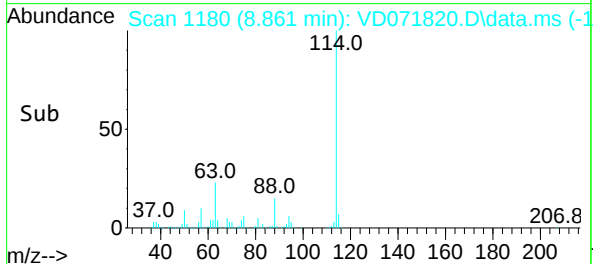
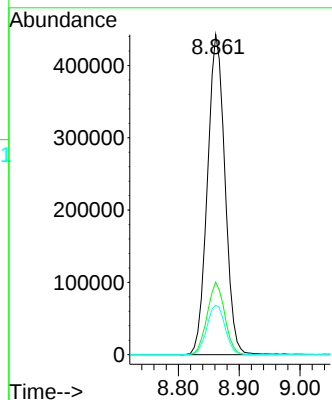
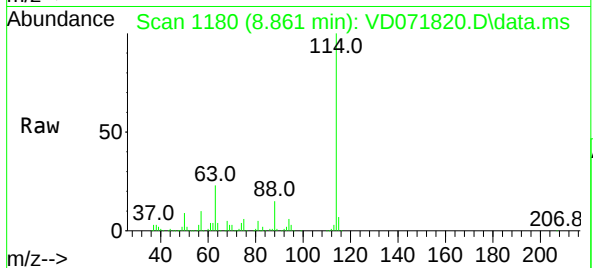
Tgt Ion:114 Resp: 883144

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.563 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071820.D

Acq: 28 Jan 2022 13:25

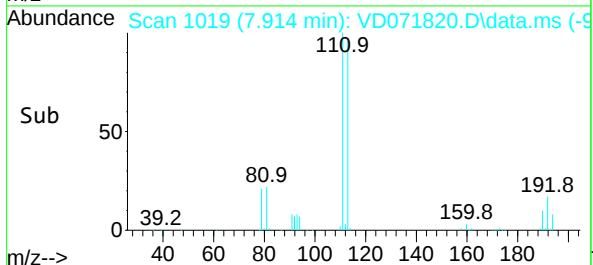
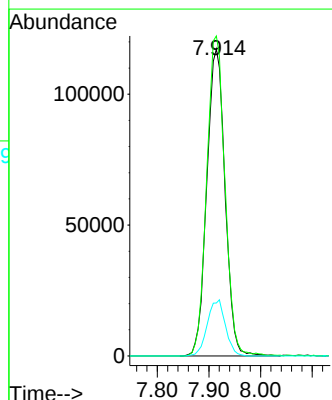
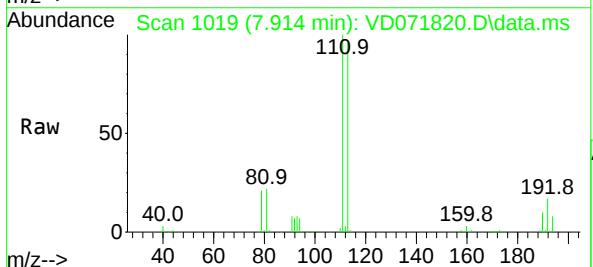
Tgt Ion:113 Resp: 287722

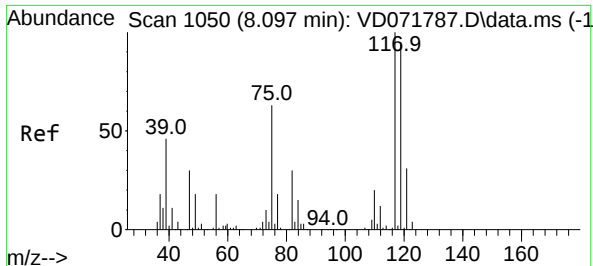
Ion Ratio Lower Upper

113 100

111 103.9 83.8 125.6

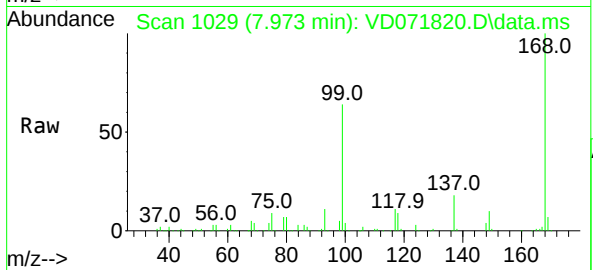
192 18.2 14.6 21.8



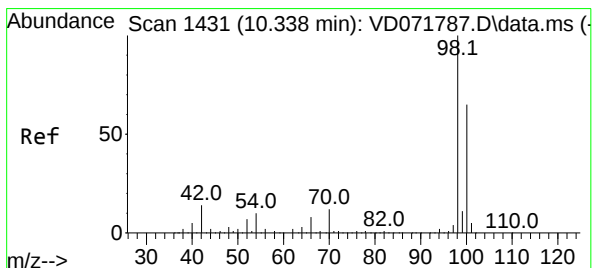
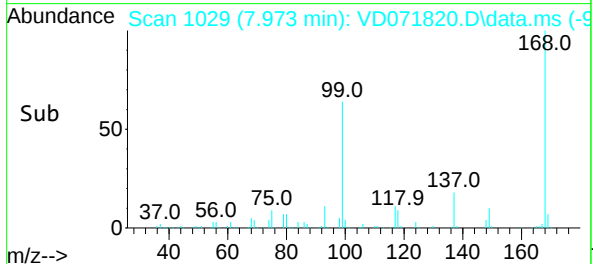
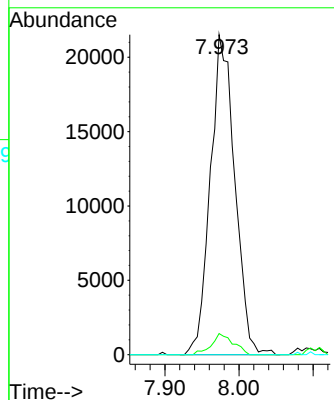


#38
Carbon Tetrachloride
Concen: 5.007 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Instrument :
MSVOA_D
ClientSampleId :
MH-1D

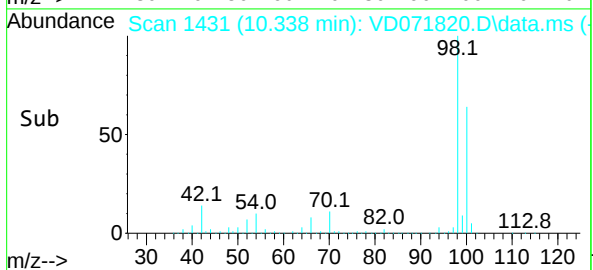
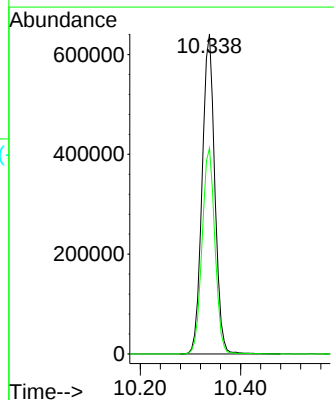
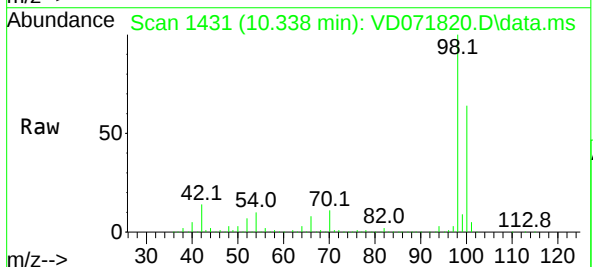


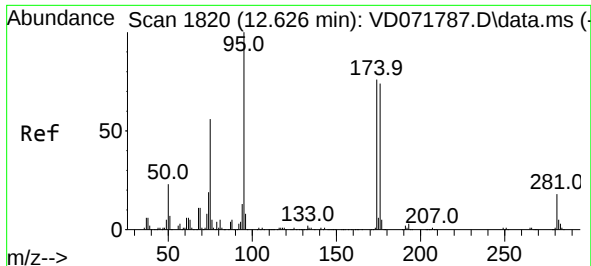
Tgt Ion:117 Resp: 49338
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.805 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 98 Resp: 1123141
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

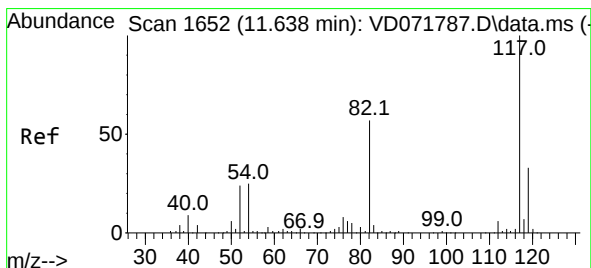
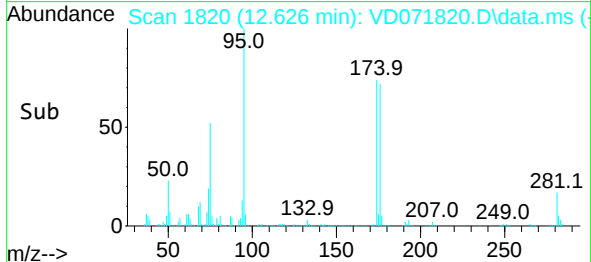
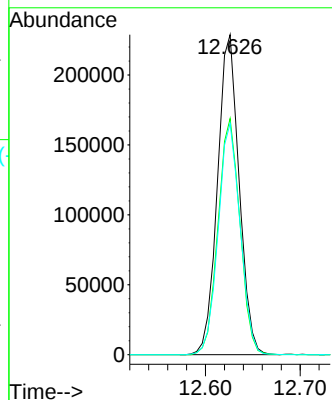
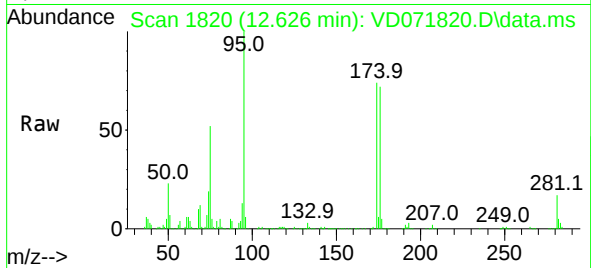




#62
4-Bromofluorobenzene
Concen: 47.979 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

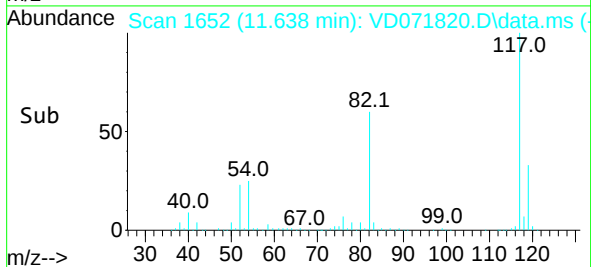
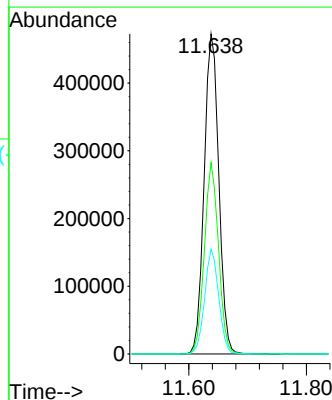
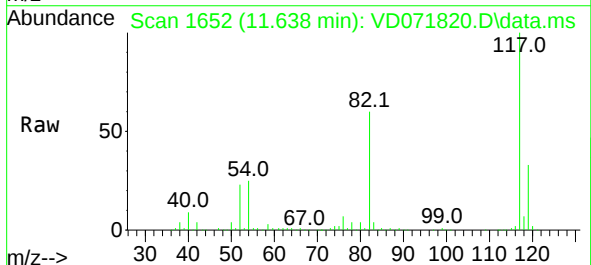
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MSVOA_D
ClientSampleId :
MH-1D

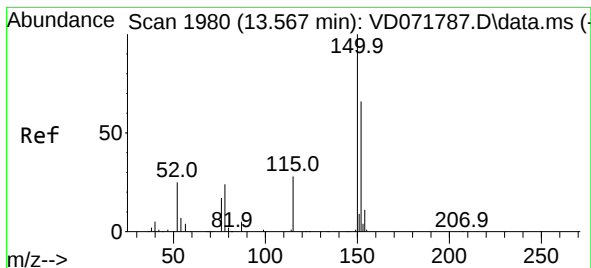
Tgt Ion: 95 Resp: 363255
Ion Ratio Lower Upper
95 100
174 74.5 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 117 Resp: 817958
Ion Ratio Lower Upper
117 100
82 59.8 45.3 67.9
119 32.8 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. 0.000 min

Lab File: VD071820.D

Acq: 28 Jan 2022 13:25

Instrument :

MSVOA_D

ClientSampleId :

MH-1D

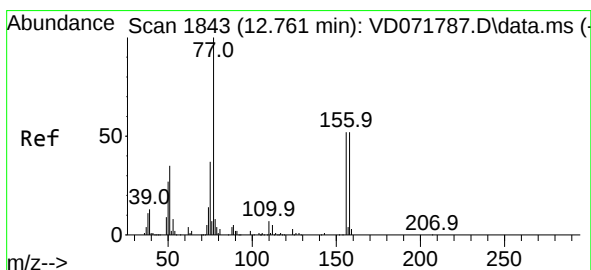
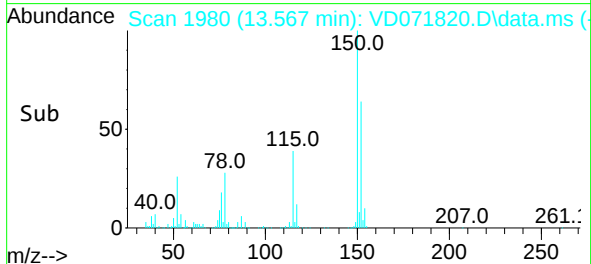
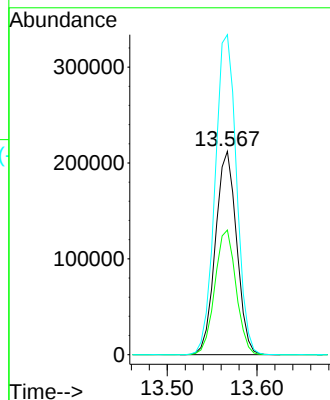
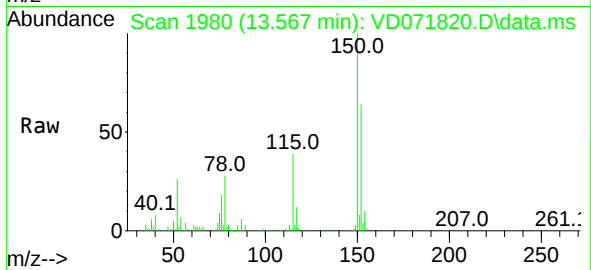
Tgt Ion:152 Resp: 348037

Ion Ratio Lower Upper

152 100

115 61.3 31.3 93.8

150 159.2 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 54.668 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD071820.D

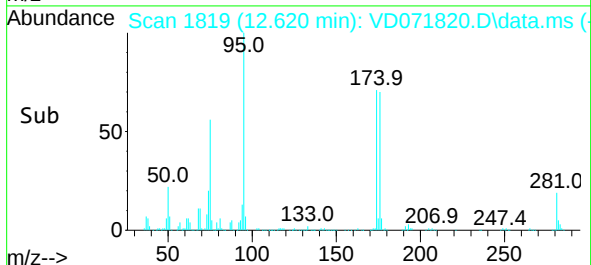
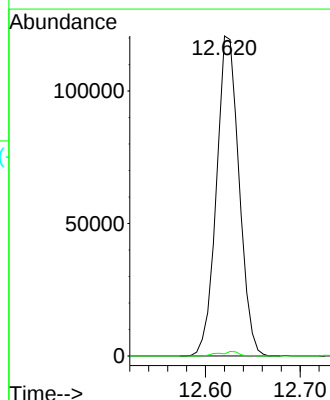
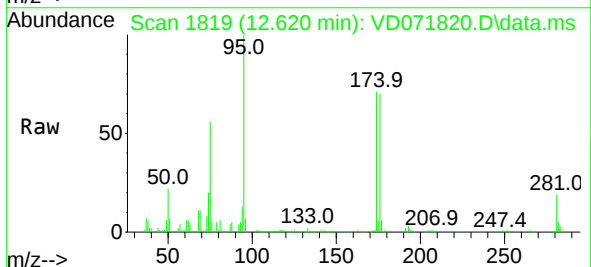
Acq: 28 Jan 2022 13:25

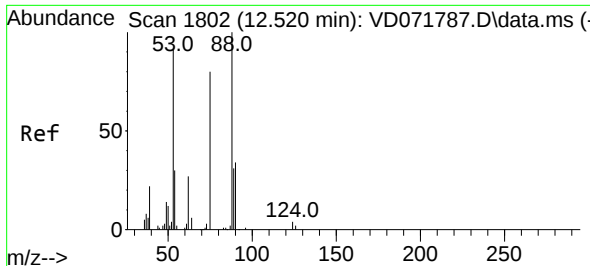
Tgt Ion: 75 Resp: 200517

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#

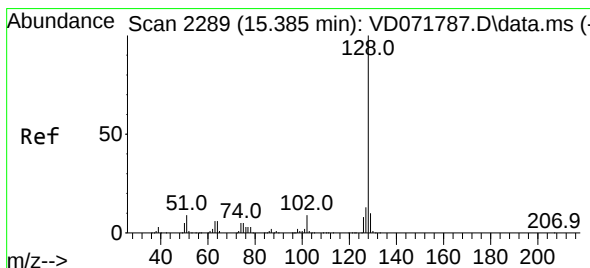
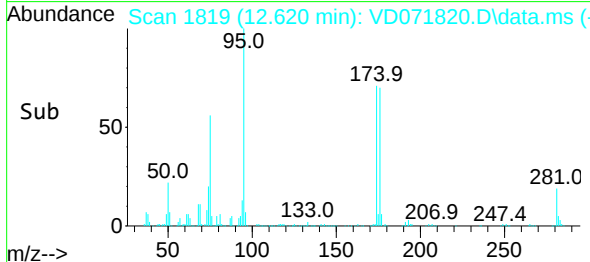
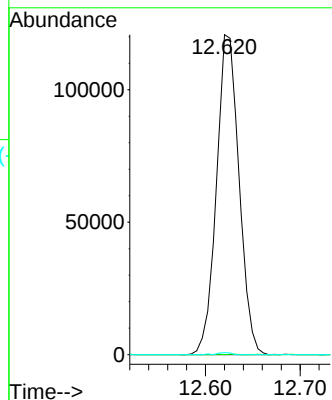
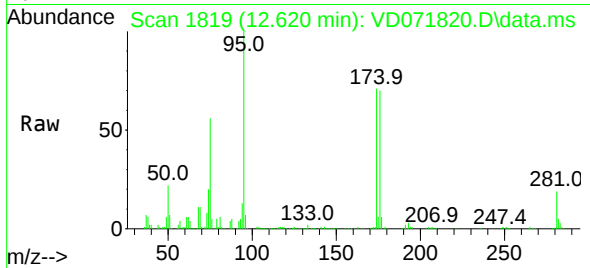




#81
trans-1,4-Dichloro-2-butene
Concen: 134.417 ug/l
RT: 12.620 min Scan# 1802
Delta R.T. 0.100 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Instrument :
MSVOA_D
ClientSampleId :
MH-1D

Tgt Ion: 75 Resp: 200517
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.4 33.9 50.9#



#95
Naphthalene
Concen: 1.559 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD071820.D
Acq: 28 Jan 2022 13:25

Tgt Ion: 128 Resp: 1305
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 4.6 8.4 12.6#

