

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071920.D
 Acq On : 08 Feb 2022 16:17
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Feb 09 03:52:38 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)

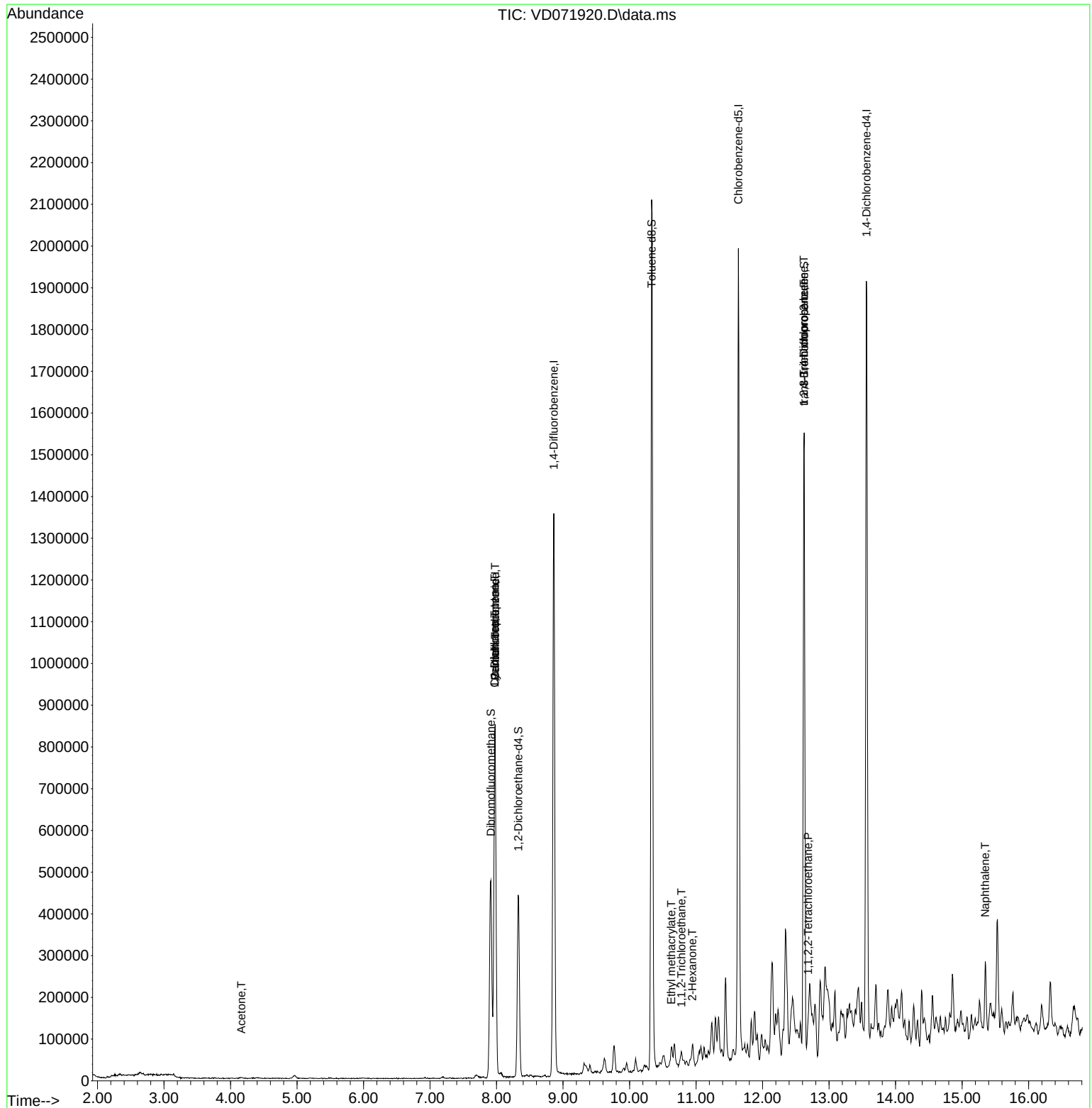
Internal Standards						
1) Pentafluorobenzene	7.979	168	585483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1069121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1014295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	467334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	354033	47.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.680%
35) Dibromofluoromethane	7.914	113	347656	49.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.332	98	1362089	51.897	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.800%
62) 4-Bromofluorobenzene	12.626	95	486378	53.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.232	59	317	Below Cal	#	74
16) Acetone	4.161	43	3968	1.959	ug/l	93
20) Methylene Chloride	4.967	84	5254	Below Cal	#	96
31) Cyclohexane	7.973	56	16367	1.159	ug/l	# 15
36) 1,1-Dichloropropene	7.973	75	53282	4.417	ug/l	# 50
38) Carbon Tetrachloride	7.979	117	62983	5.280	ug/l	# 18
55) 1,1,2-Trichloroethane	10.779	97	7854	1.346	ug/l	# 41
56) Ethyl methacrylate	10.626	69	12799	1.772	ug/l	87
59) 2-Hexanone	10.943	43	21980	5.742	ug/l	# 32
75) 1,1,2,2-Tetrachloroethane	12.684	83	13432	2.006	ug/l	# 26
76) 1,2,3-Trichloropropane	12.620	75	268176	54.451	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	268176	133.882	ug/l	# 7
95) Naphthalene	15.349	128	1097	1.519	ug/l	# 1

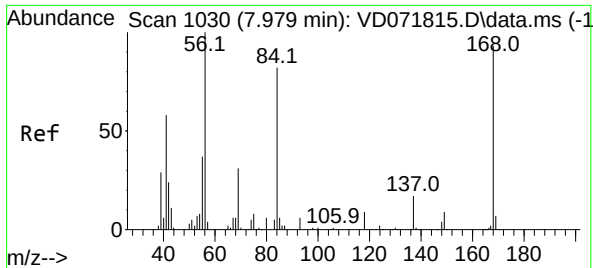
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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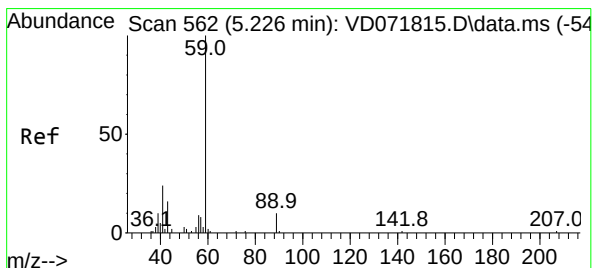
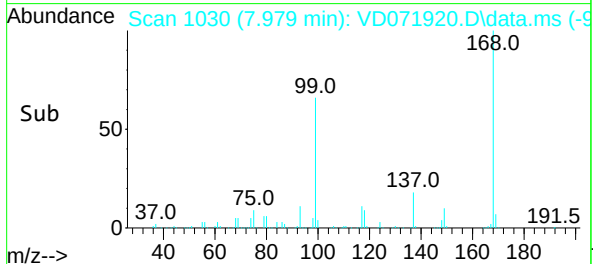
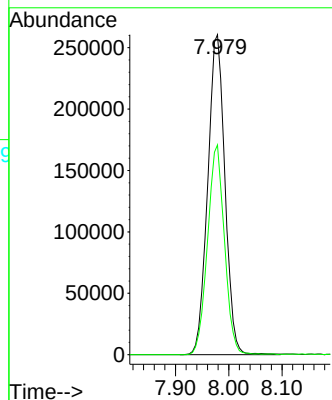
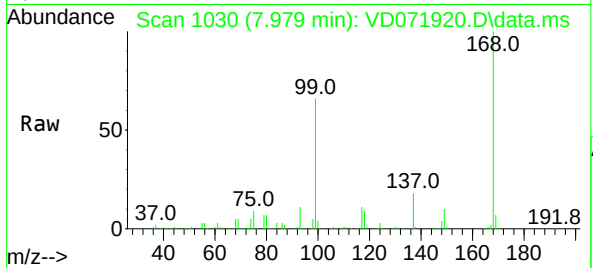




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

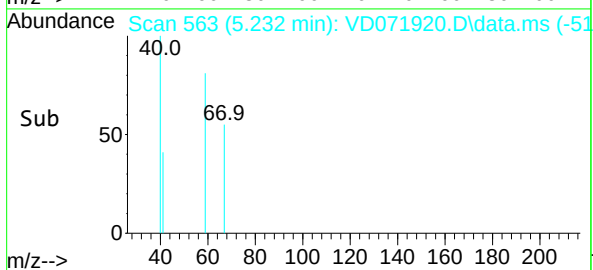
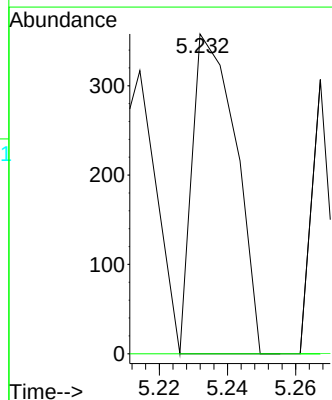
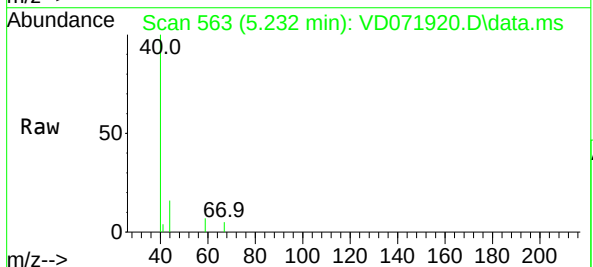
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

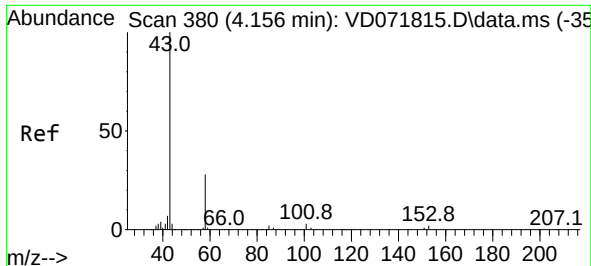
Tgt Ion:168 Resp: 585483
Ion Ratio Lower Upper
168 100
99 65.6 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

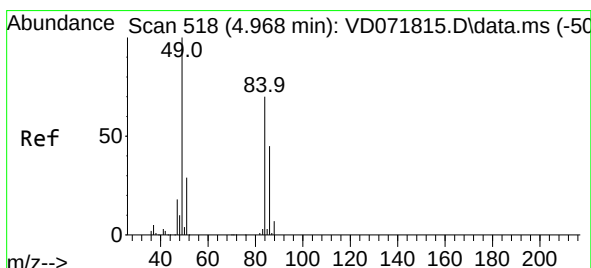
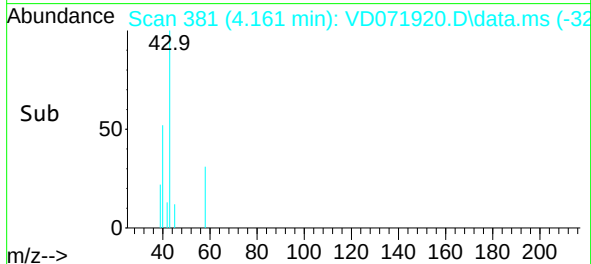
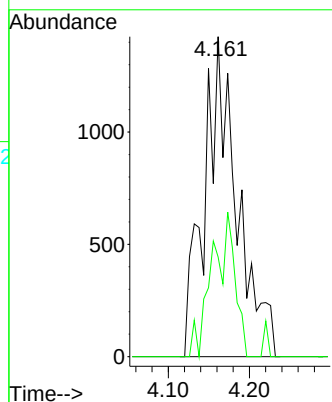
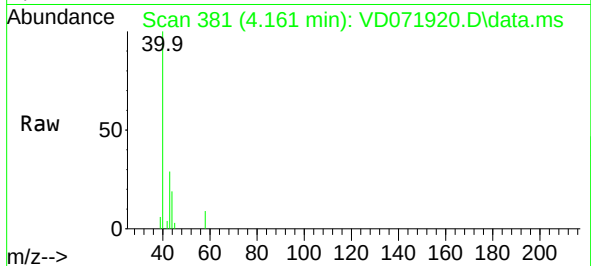




#16
Acetone
Concen: 1.959 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

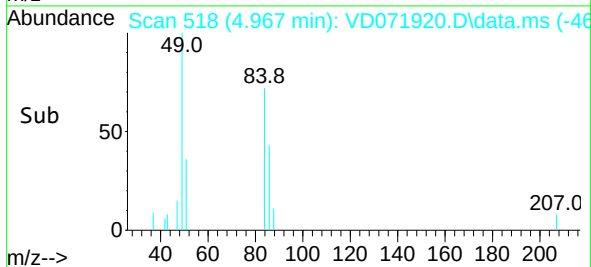
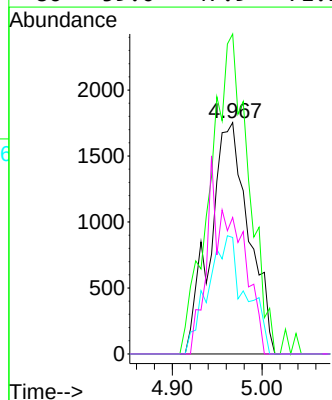
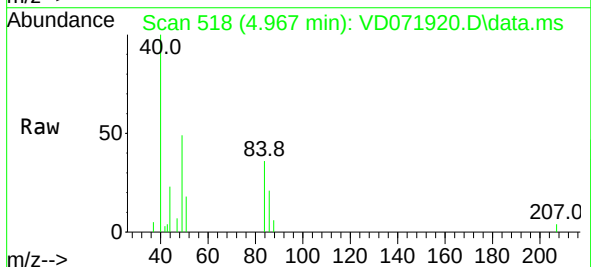
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

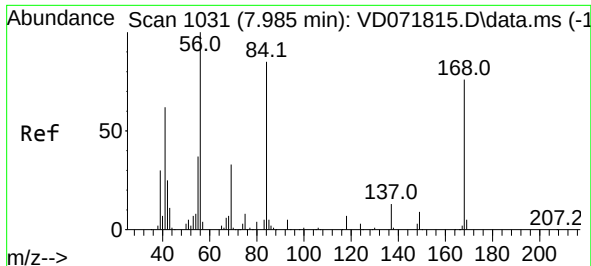
Tgt Ion: 43 Resp: 3968
Ion Ratio Lower Upper
43 100
58 31.2 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.000 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

Tgt Ion: 84 Resp: 5254
Ion Ratio Lower Upper
84 100
49 138.3 112.8 169.2
51 50.4 32.6 48.8#
86 59.0 47.9 71.9

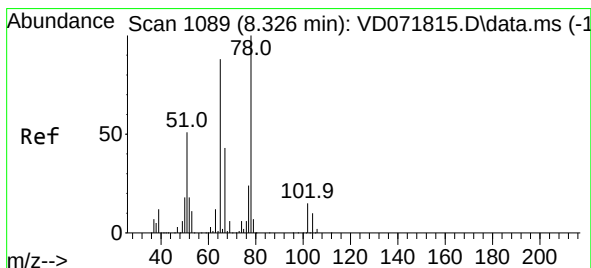
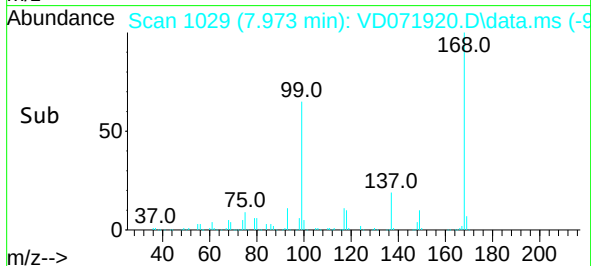
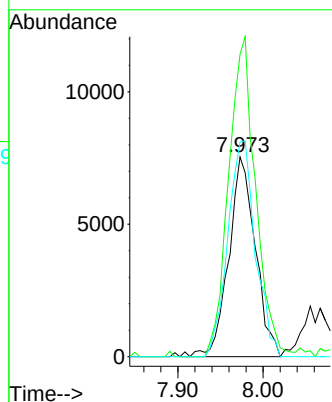
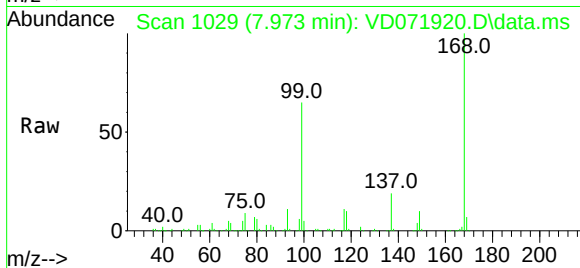




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

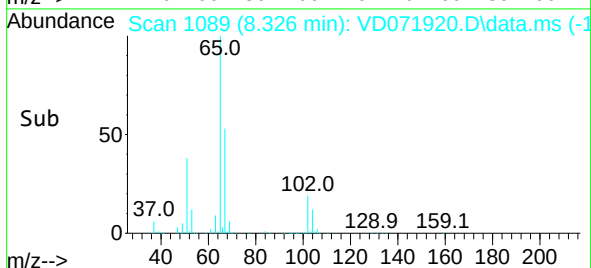
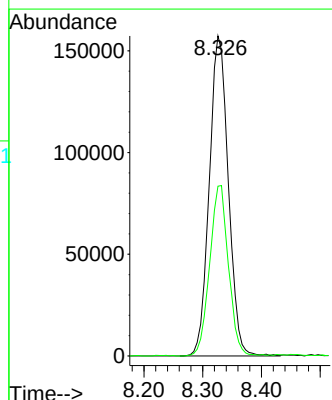
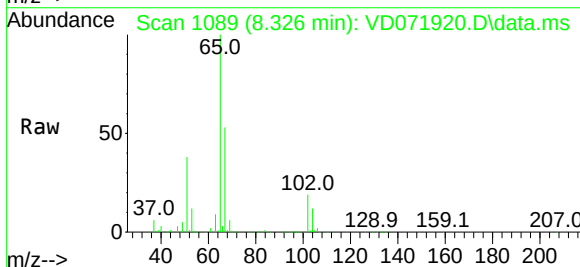
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

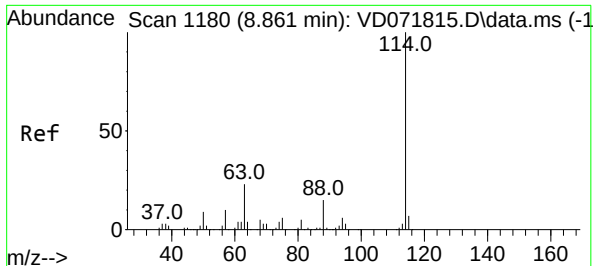
Tgt Ion: 56 Resp: 16367
Ion Ratio Lower Upper
56 100
69 151.4 25.4 38.2#
84 107.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.841 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

Tgt Ion: 65 Resp: 354033
Ion Ratio Lower Upper
65 100
67 52.5 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: VD071920.D

Acq: 08 Feb 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

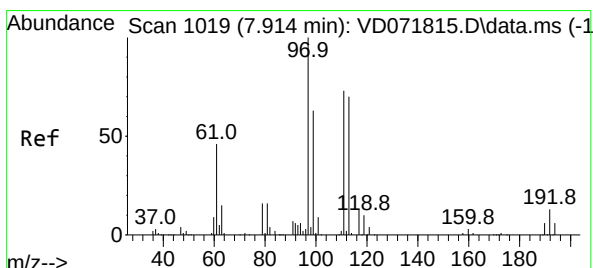
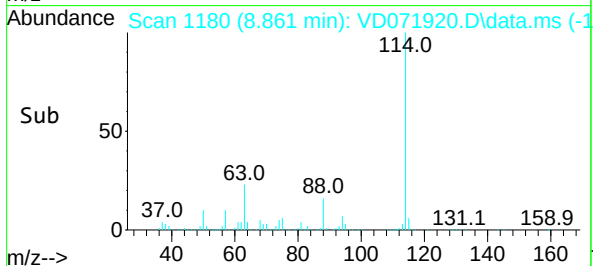
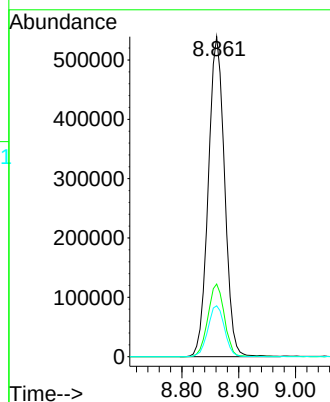
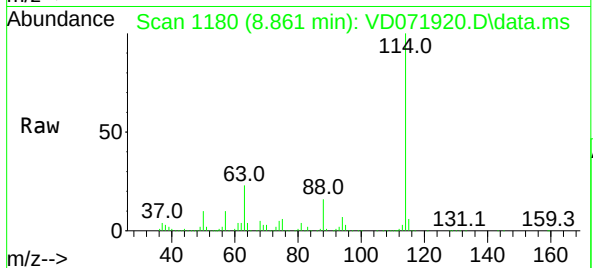
Tgt Ion:114 Resp: 1069121

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.470 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071920.D

Acq: 08 Feb 2022 16:17

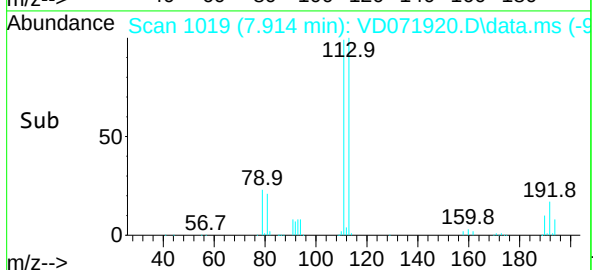
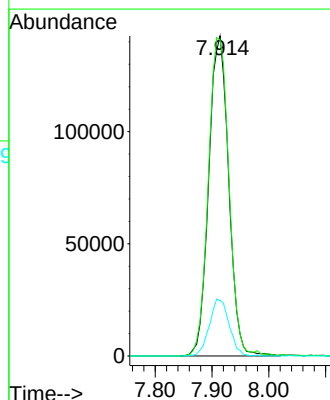
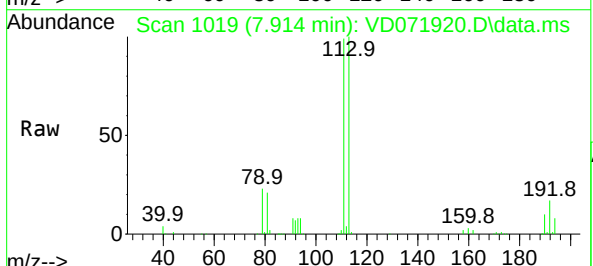
Tgt Ion:113 Resp: 347656

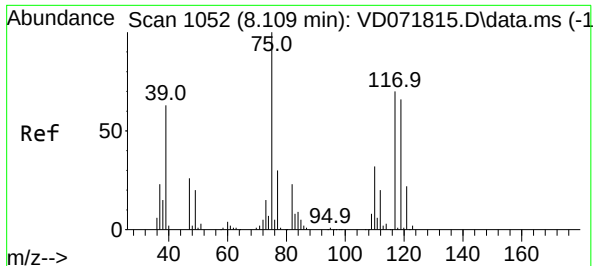
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.6 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.417 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.141 min

Lab File: VD071920.D

Acq: 08 Feb 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

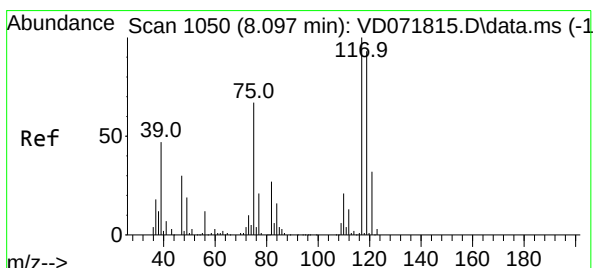
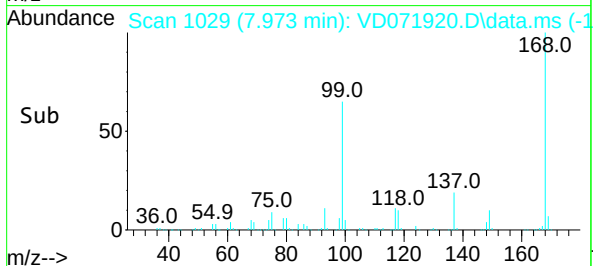
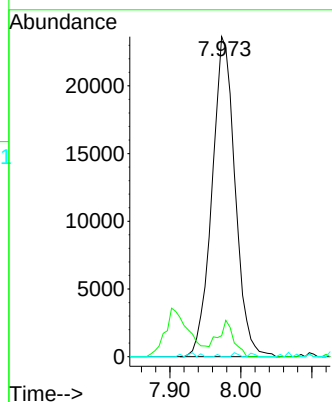
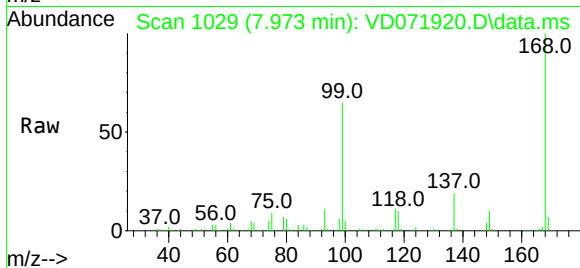
Tgt Ion: 75 Resp: 53282

Ion Ratio Lower Upper

75 100

110 7.6 16.4 49.1#

77 0.1 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.280 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD071920.D

Acq: 08 Feb 2022 16:17

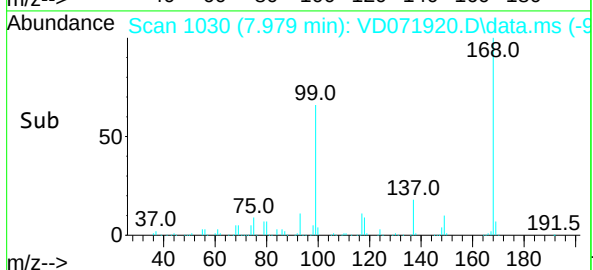
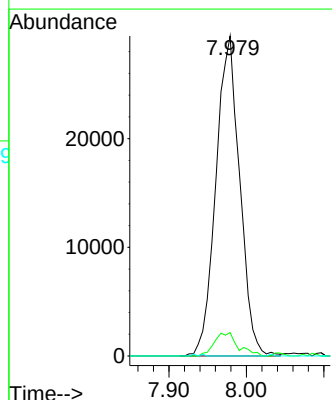
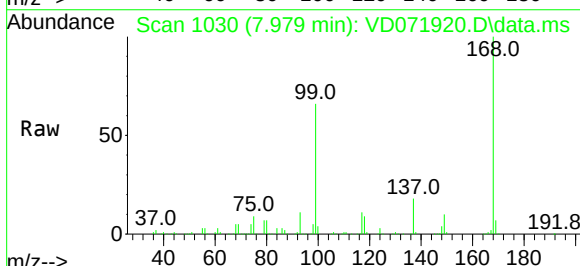
Tgt Ion: 117 Resp: 62983

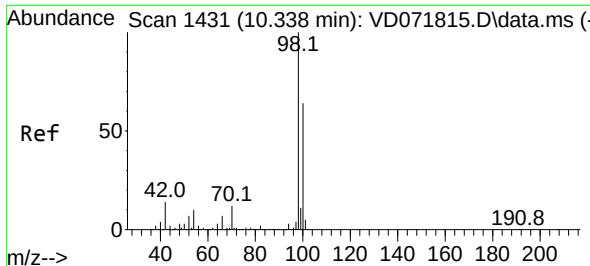
Ion Ratio Lower Upper

117 100

119 7.3 75.8 113.6#

121 0.0 24.5 36.7#

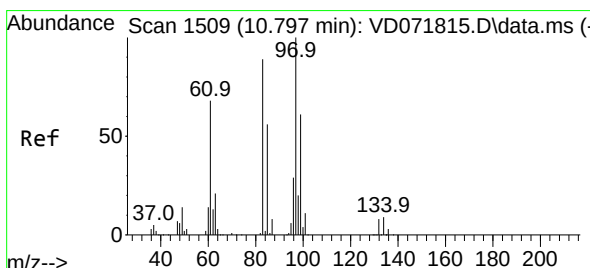
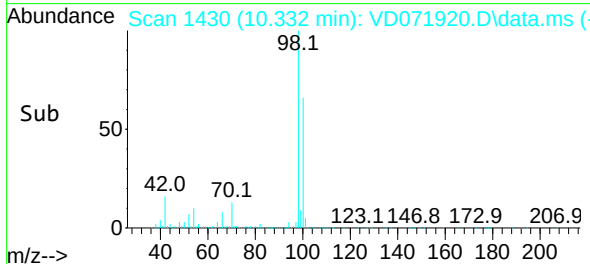
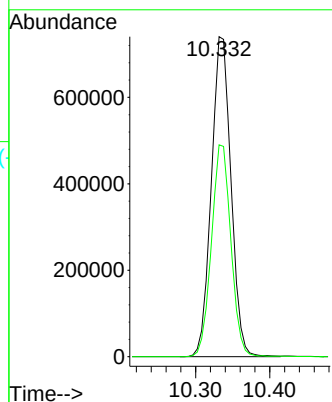
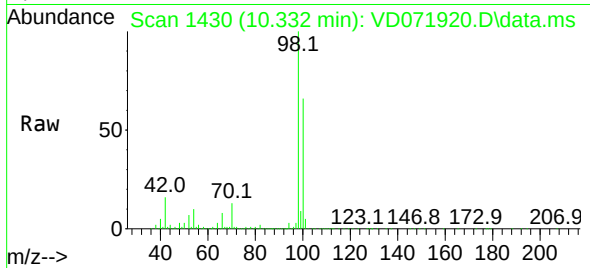




#50
Toluene-d8
Concen: 51.897 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

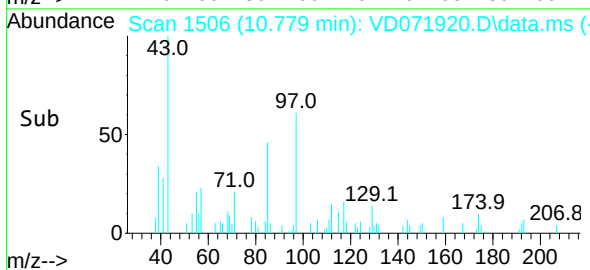
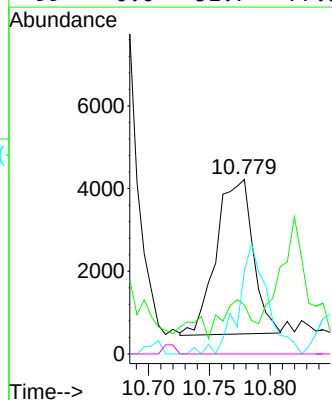
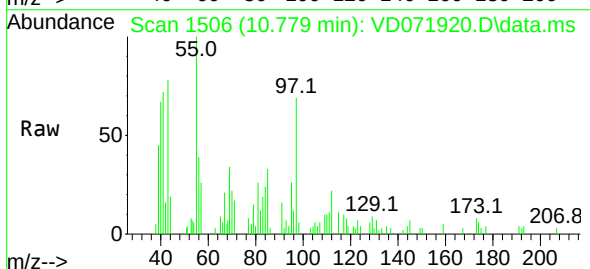
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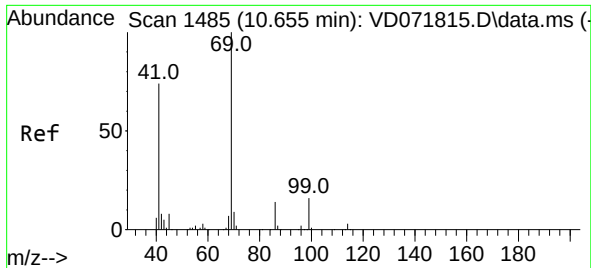
Tgt Ion: 98 Resp: 1362089
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#55
1,1,2-Trichloroethane
Concen: 1.346 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.018 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

Tgt Ion: 97 Resp: 7854
Ion Ratio Lower Upper
97 100
83 14.4 69.0 103.4#
85 53.9 42.6 63.8
99 0.0 51.7 77.5#

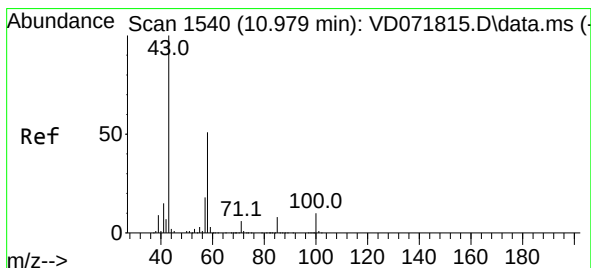
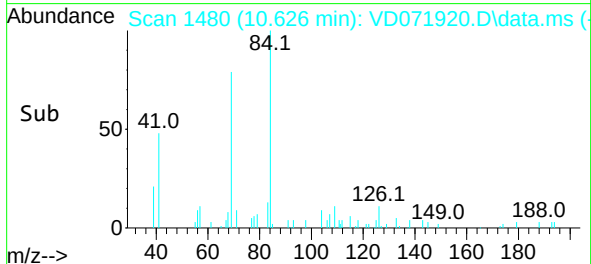
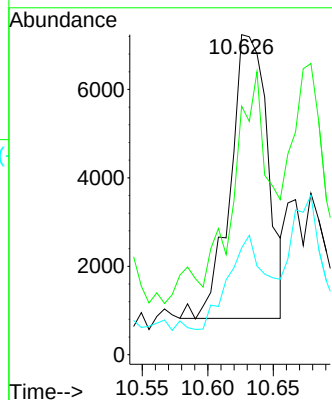
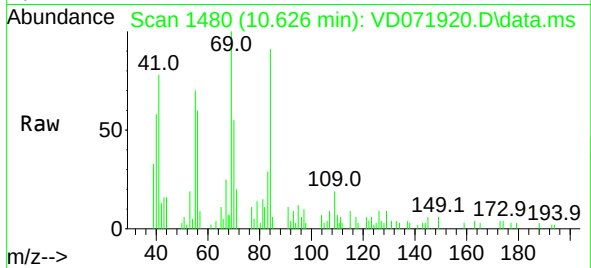




#56
Ethyl methacrylate
Concen: 1.772 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. -0.030 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

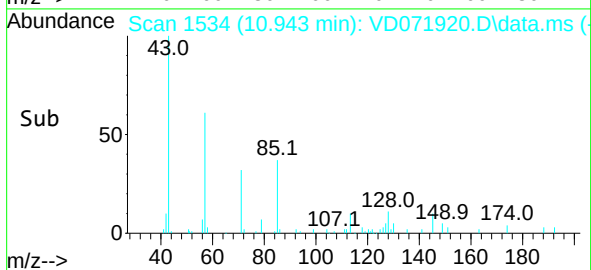
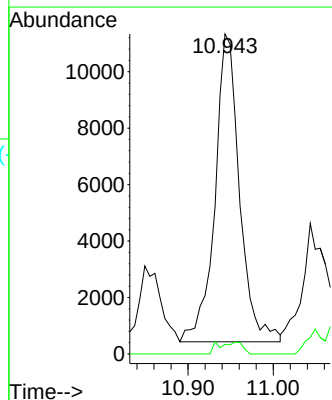
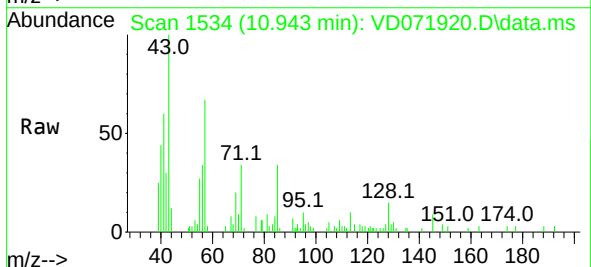
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

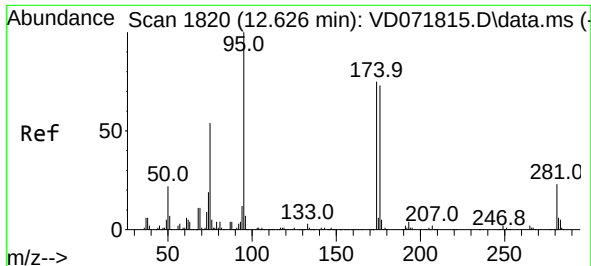
Tgt Ion: 69 Resp: 12799
Ion Ratio Lower Upper
69 100
41 67.3 63.0 94.6
39 34.6 33.8 50.8



#59
2-Hexanone
Concen: 5.742 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.036 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

Tgt Ion: 43 Resp: 21980
Ion Ratio Lower Upper
43 100
58 3.7 25.3 75.9#

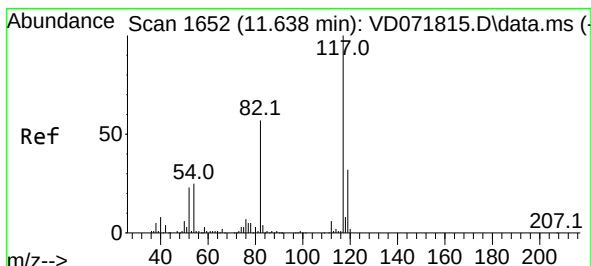
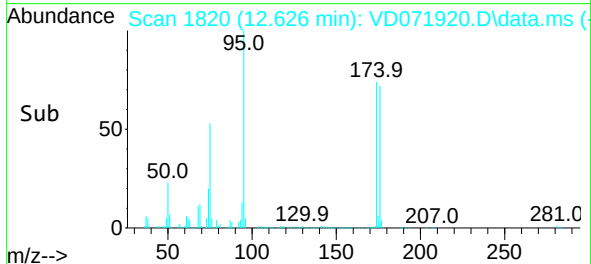
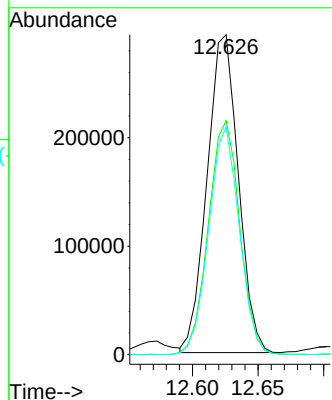
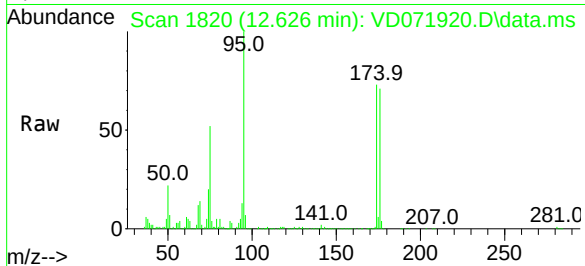




#62
4-Bromofluorobenzene
Concen: 53.067 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

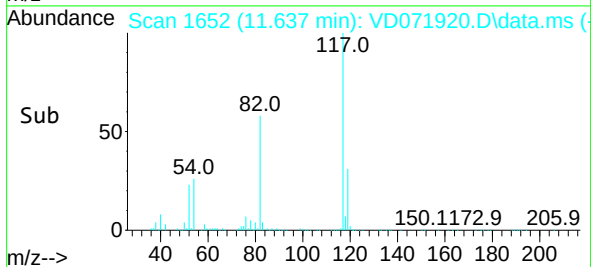
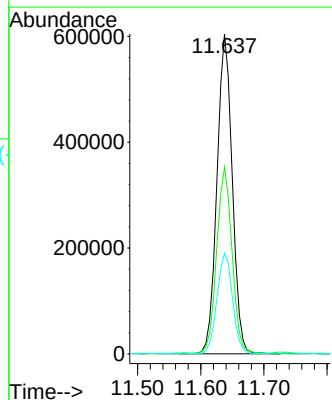
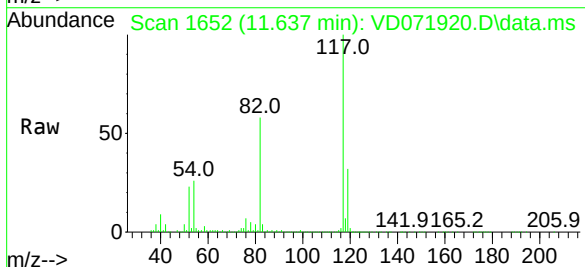
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

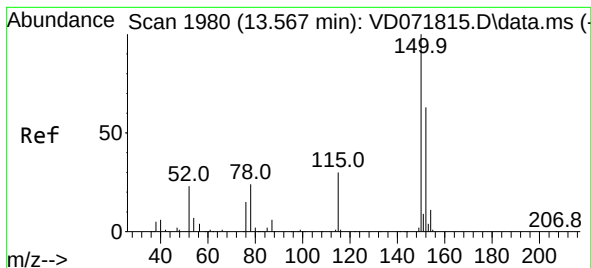
Tgt Ion: 95 Resp: 486378
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.8
176 70.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

Tgt Ion: 117 Resp: 1014295
Ion Ratio Lower Upper
117 100
82 58.2 45.3 67.9
119 31.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1980

Delta R.T. -0.006 min

Lab File: VD071920.D

Acq: 08 Feb 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

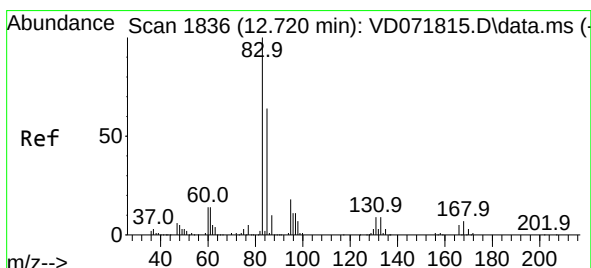
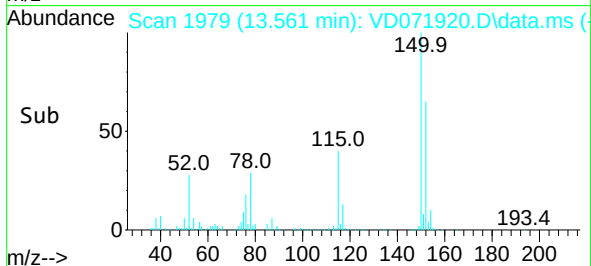
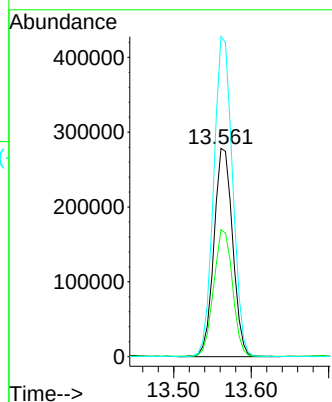
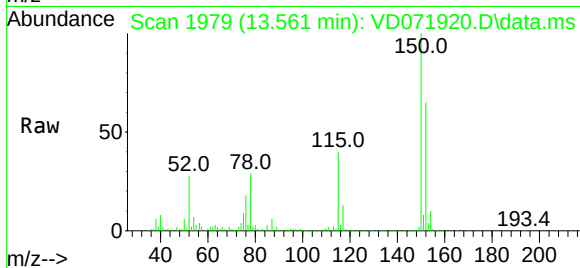
Tgt Ion:152 Resp: 467334

Ion Ratio Lower Upper

152 100

115 61.0 31.3 93.8

150 154.6 0.0 348.6



#75

1,1,2,2-Tetrachloroethane

Concen: 2.006 ug/l

RT: 12.684 min Scan# 1830

Delta R.T. -0.036 min

Lab File: VD071920.D

Acq: 08 Feb 2022 16:17

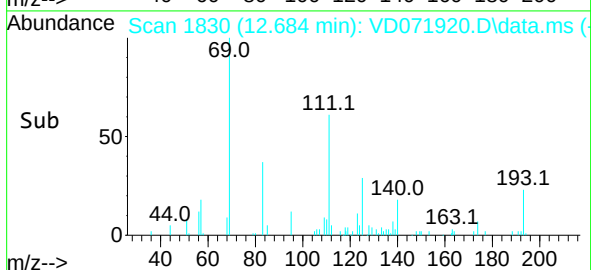
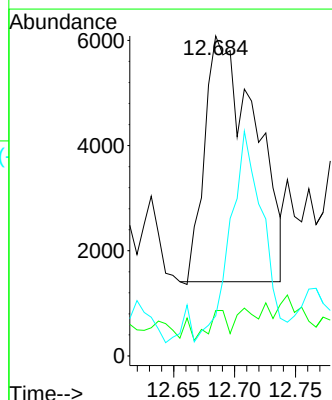
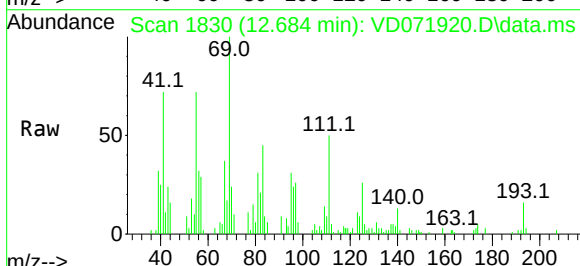
Tgt Ion: 83 Resp: 13432

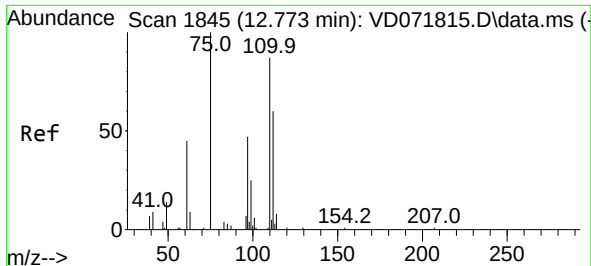
Ion Ratio Lower Upper

83 100

131 3.9 5.0 14.9#

85 0.0 32.6 98.0#

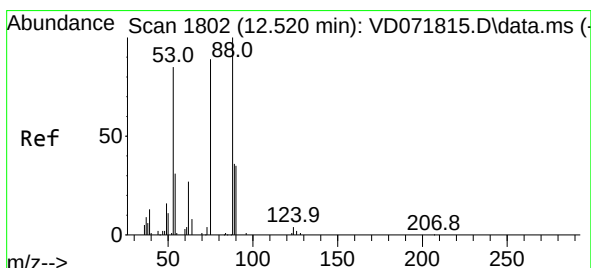
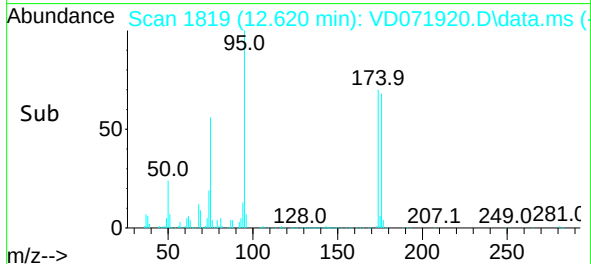
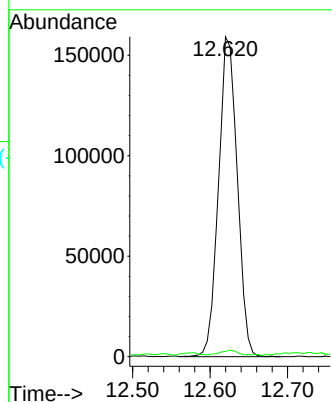
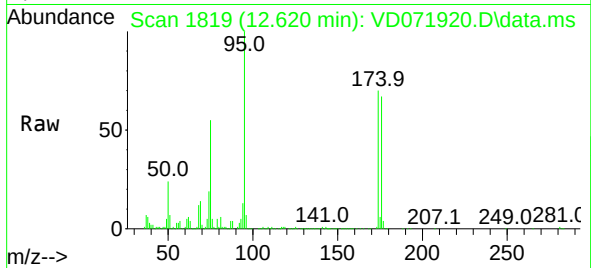




#76
1,2,3-Trichloropropane
Concen: 54.451 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

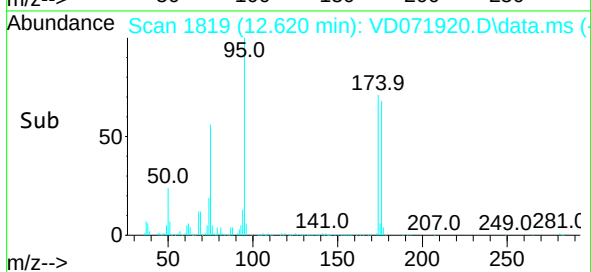
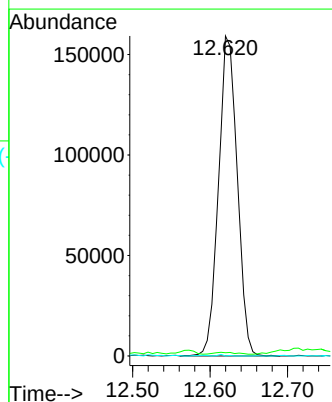
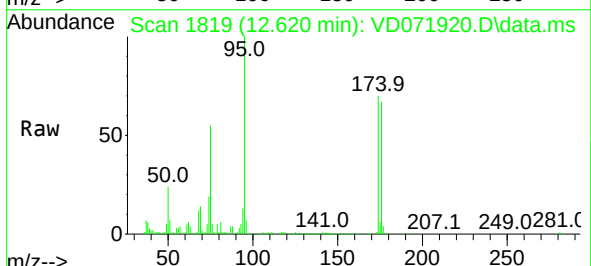
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

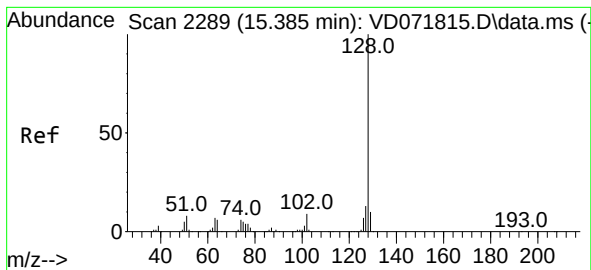
Tgt Ion: 75 Resp: 268176
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.882 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071920.D
Acq: 08 Feb 2022 16:17

Tgt Ion: 75 Resp: 268176
Ion Ratio Lower Upper
75 100
53 0.7 86.5 129.7#
89 0.2 33.9 50.9#





#95

Naphthalene

Concen: 1.519 ug/l

RT: 15.349 min Scan# 21

Delta R.T. -0.036 min

Lab File: VD071920.D

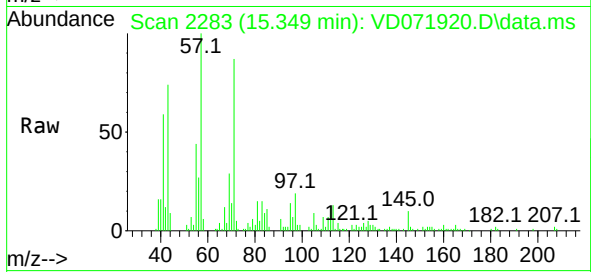
Acq: 08 Feb 2022 16:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



Tgt Ion:128 Resp: 1097

Ion Ratio Lower Upper

128 100

127 110.0 10.3 15.5#

129 160.8 8.4 12.6#

