

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071854.D
 Acq On : 31 Jan 2022 19:22
 Operator : VA/SY
 Sample : N1335-10
 Misc : 10.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-4D

Quant Time: Feb 01 04:05:35 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)

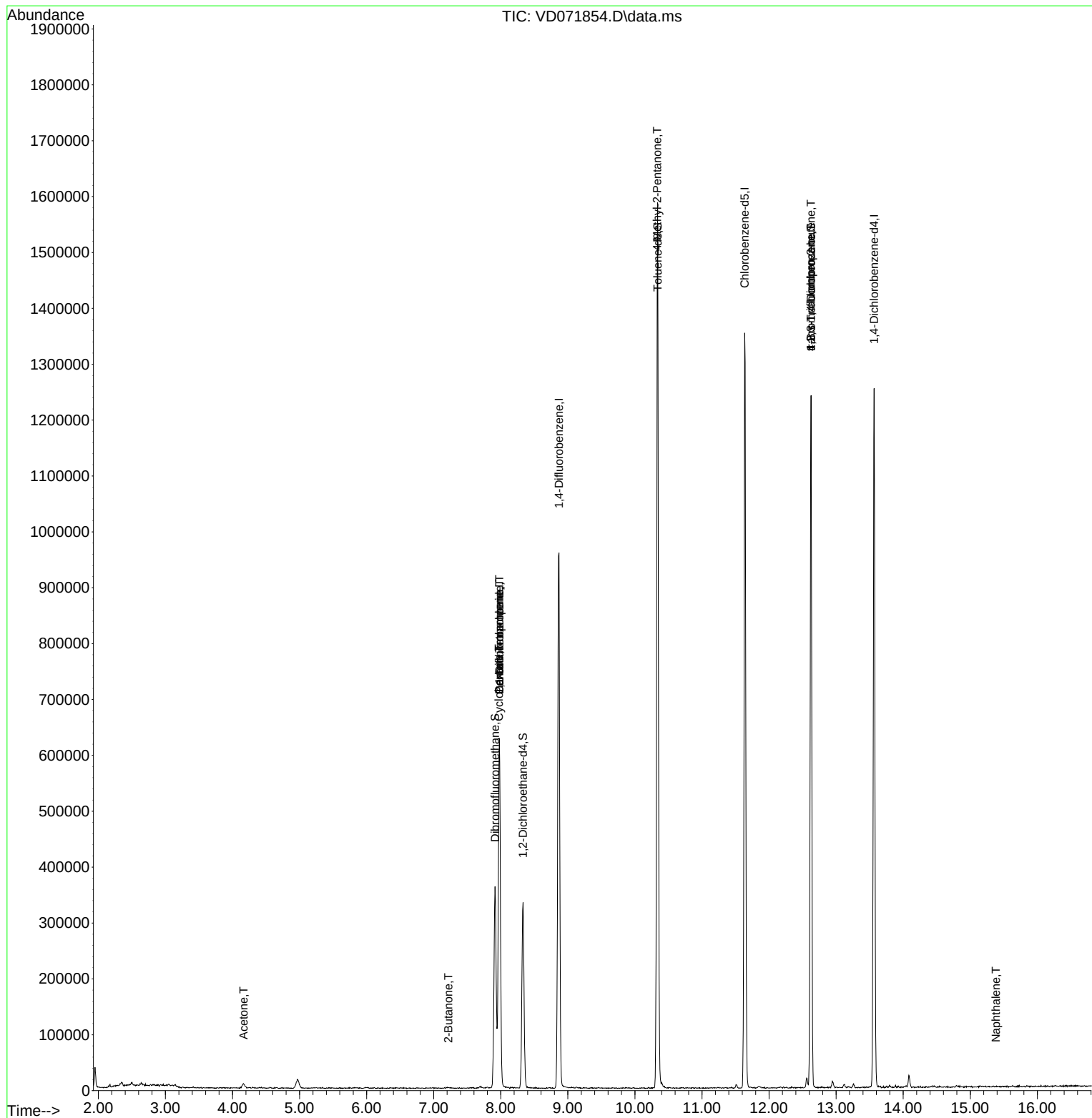
Internal Standards						
1) Pentafluorobenzene	7.979	168	418755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	785748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	726881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	305419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	266217	50.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.600%	
35) Dibromofluoromethane	7.914	113	252459	48.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.760%	
50) Toluene-d8	10.337	98	1012905	52.511	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.020%	
62) 4-Bromofluorobenzene	12.626	95	319161	47.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	394	Below Cal	#	74
16) Acetone	4.167	43	14030	9.683	ug/l #	78
20) Methylene Chloride	4.979	84	10806	Below Cal	#	80
25) 2-Butanone	7.220	43	2154	1.275	ug/l #	52
31) Cyclohexane	7.973	56	13260	1.312	ug/l #	38
36) 1,1-Dichloropropene	7.979	75	40176	4.532	ug/l #	50
38) Carbon Tetrachloride	7.979	117	47444	5.412	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	5951	1.535	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	180561	56.097	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	180561	137.929	ug/l #	7
95) Naphthalene	15.384	128	662	1.514	ug/l #	70

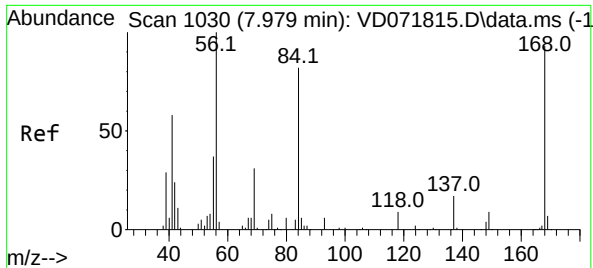
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 01 04:05:35 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

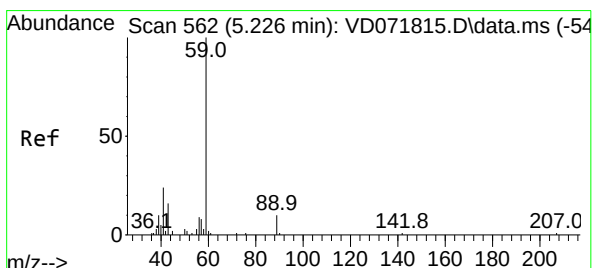
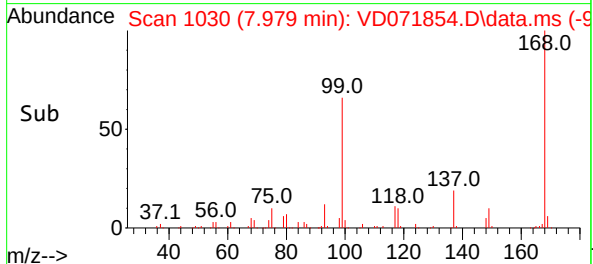
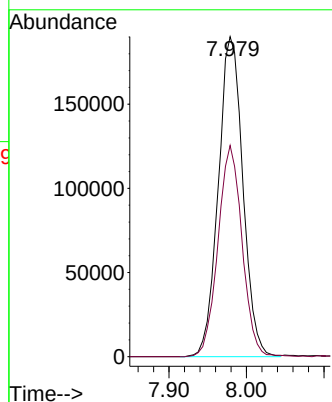
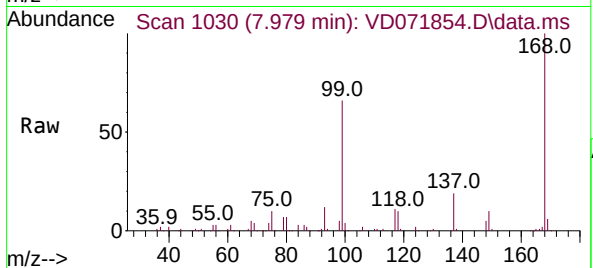




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

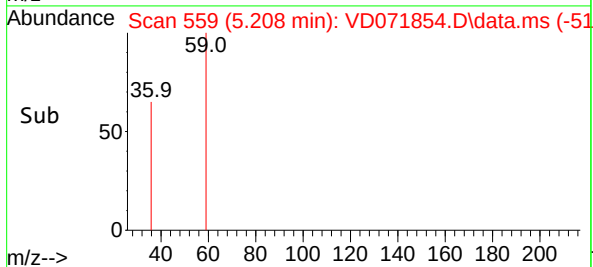
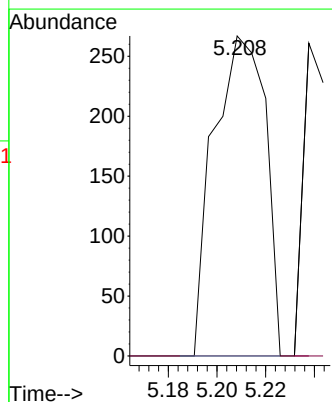
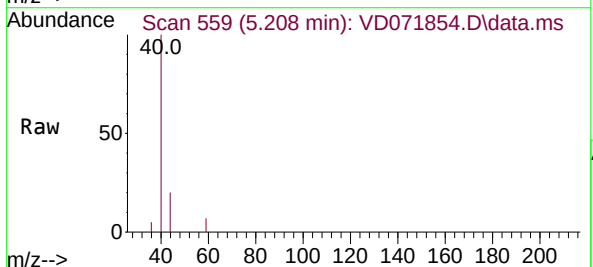
Instrument :
MSVOA_D
ClientSampleId :
MH-4D

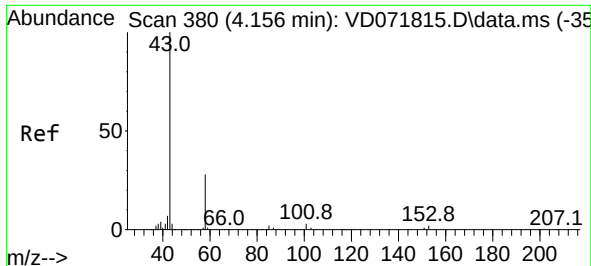
Tgt Ion:168 Resp: 418755
Ion Ratio Lower Upper
168 100
99 66.0 49.8 74.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 559
Delta R.T. -0.012 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 59 Resp: 394
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

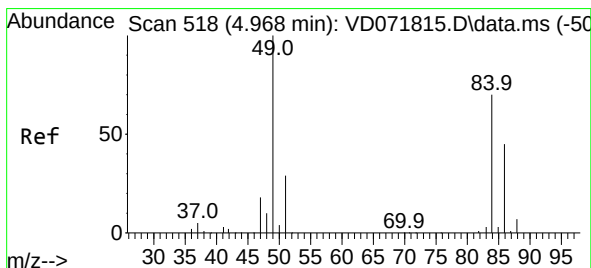
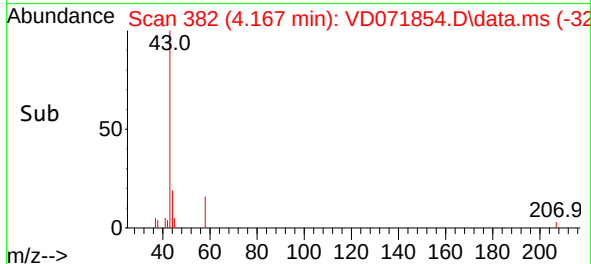
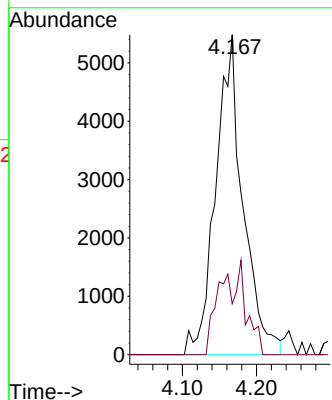
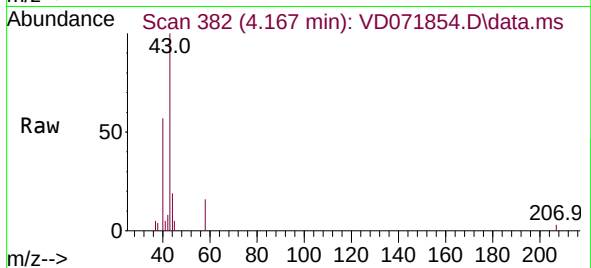




#16
Acetone
Concen: 9.683 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.011 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

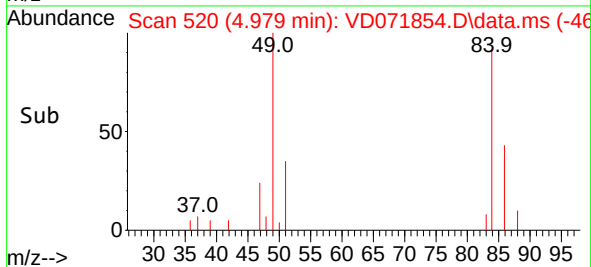
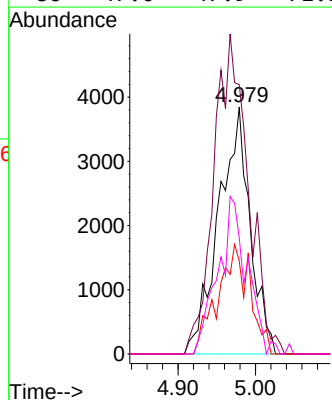
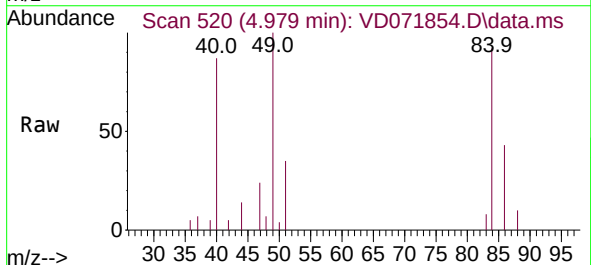
Instrument :
MSVOA_D
ClientSampleId :
MH-4D

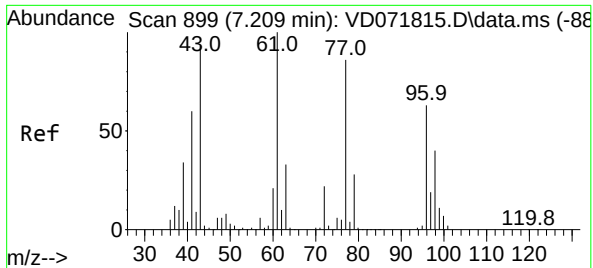
Tgt Ion: 43 Resp: 14030
Ion Ratio Lower Upper
43 100
58 15.9 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.011 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 84 Resp: 10806
Ion Ratio Lower Upper
84 100
49 109.1 112.8 169.2#
51 37.7 32.6 48.8
86 47.0 47.9 71.9#

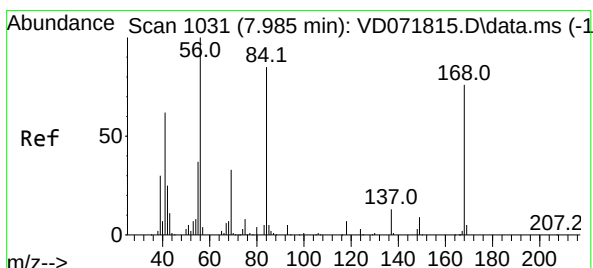
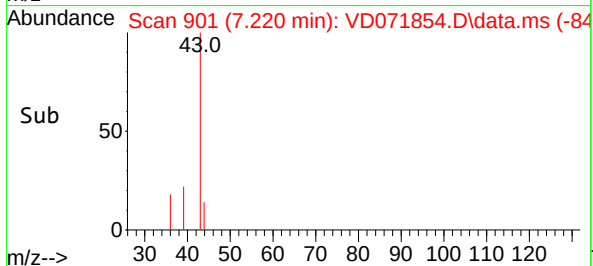
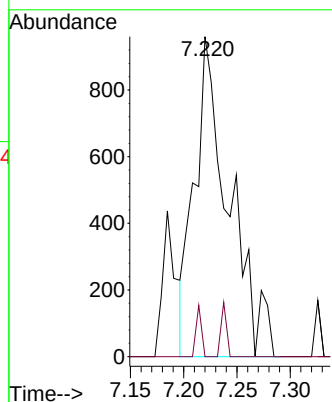
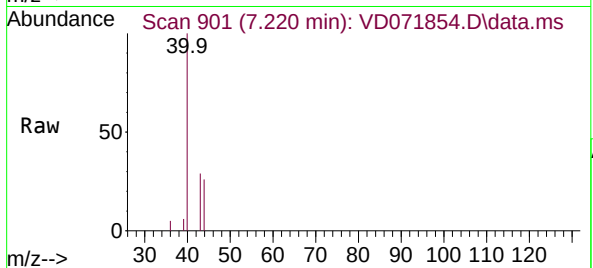




#25
2-Butanone
Concen: 1.275 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

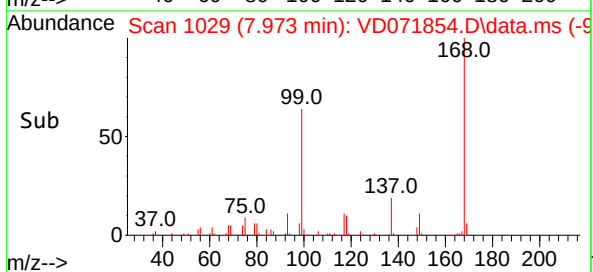
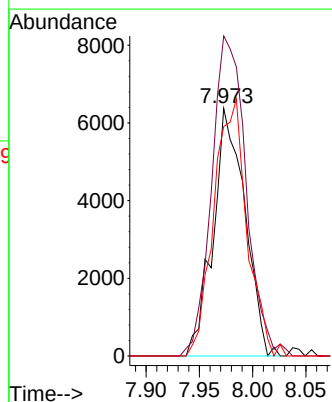
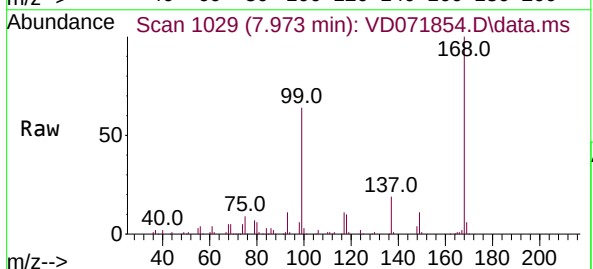
Instrument :
MSVOA_D
ClientSampleId :
MH-4D

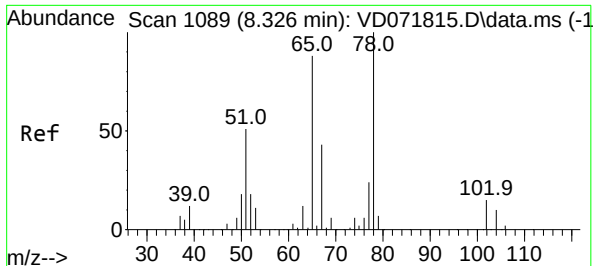
Tgt Ion: 43 Resp: 2154
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.312 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 56 Resp: 13260
Ion Ratio Lower Upper
56 100
69 129.3 25.4 38.2#
84 92.7 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 50.297 ug/l

RT: 8.332 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD071854.D

Acq: 31 Jan 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

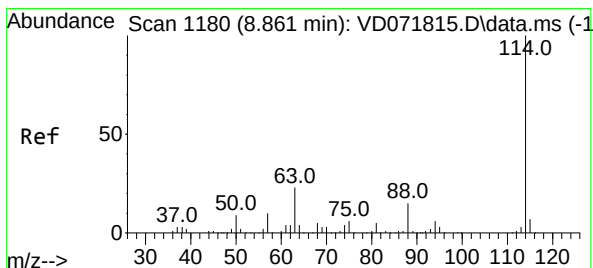
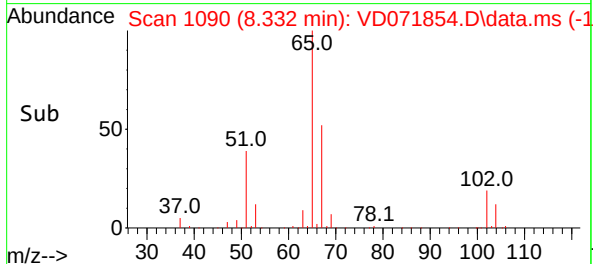
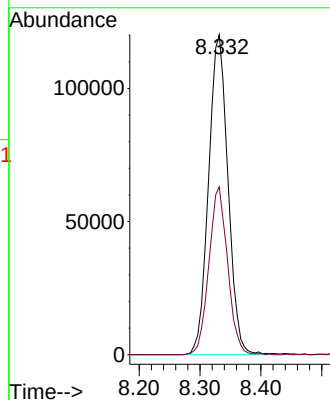
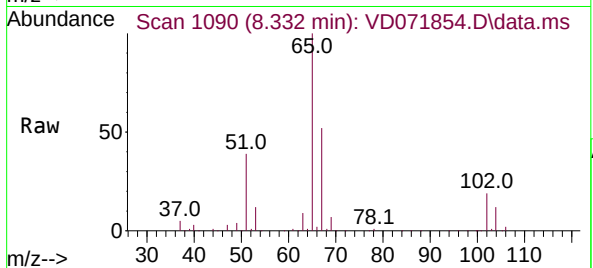
MH-4D

Tgt Ion: 65 Resp: 266217

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VD071854.D

Acq: 31 Jan 2022 19:22

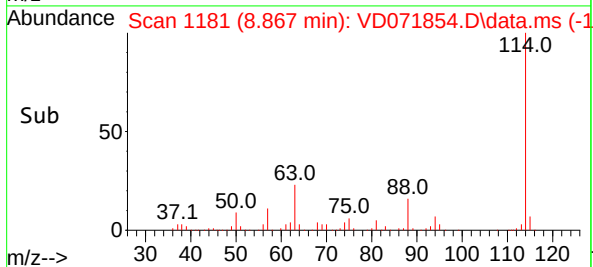
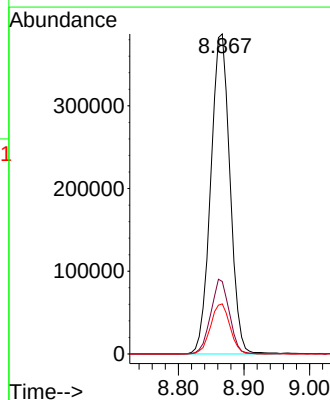
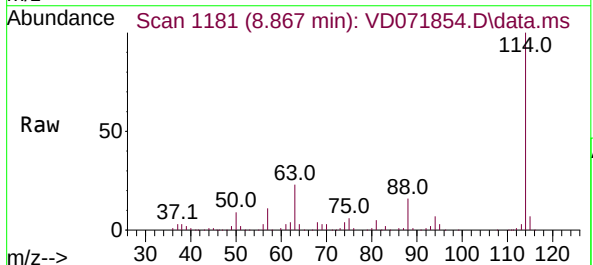
Tgt Ion: 114 Resp: 785748

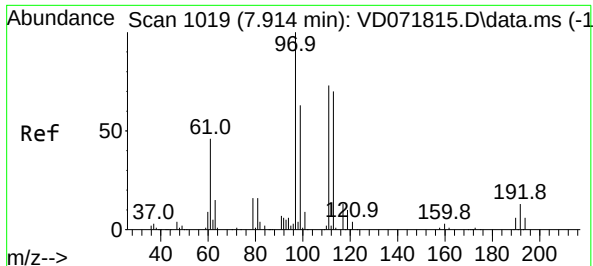
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.879 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071854.D

Acq: 31 Jan 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

MH-4D

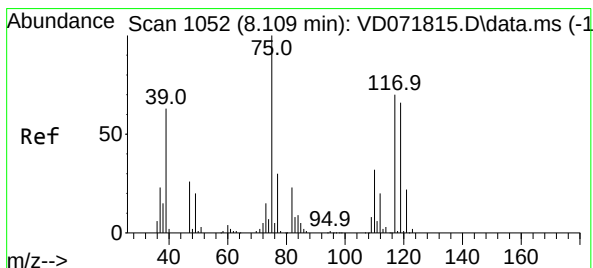
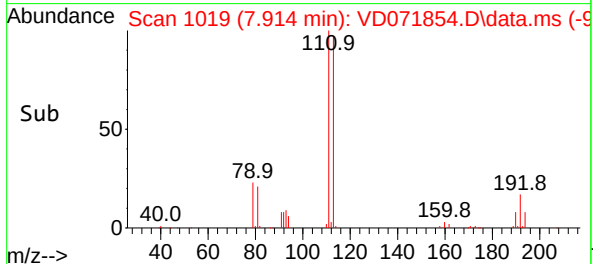
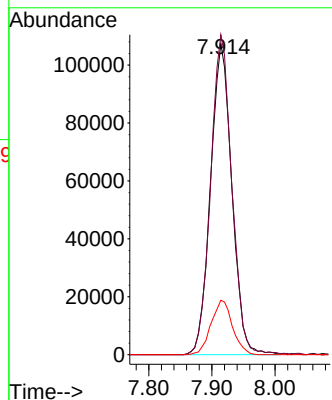
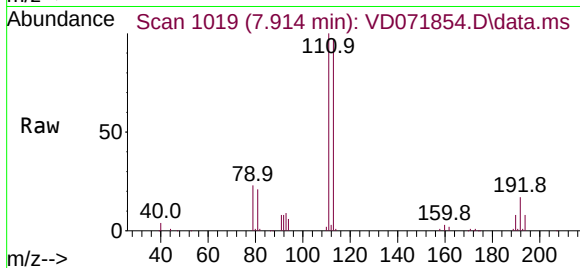
Tgt Ion:113 Resp: 252459

Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.532 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.136 min

Lab File: VD071854.D

Acq: 31 Jan 2022 19:22

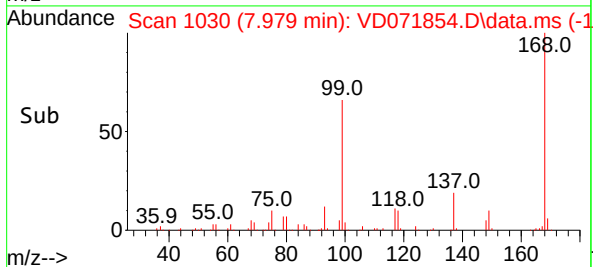
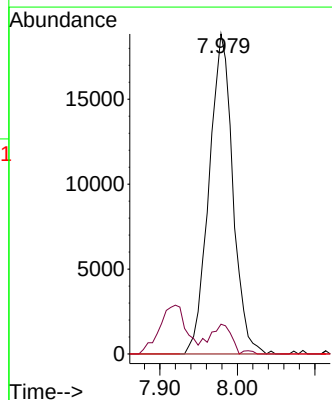
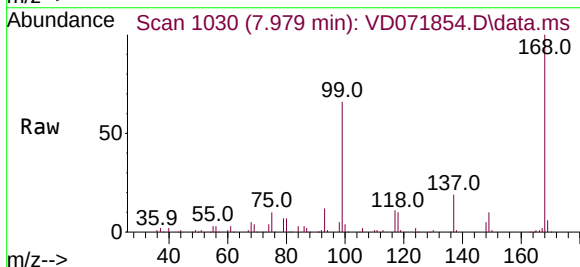
Tgt Ion: 75 Resp: 40176

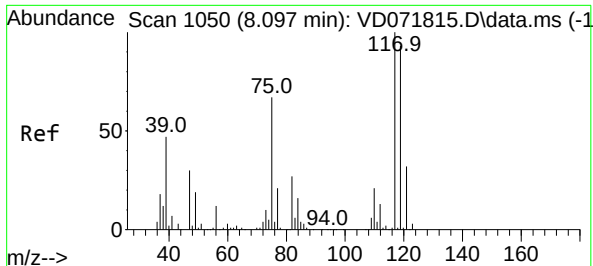
Ion Ratio Lower Upper

75 100

110 7.4 16.4 49.1#

77 0.0 24.2 36.2#

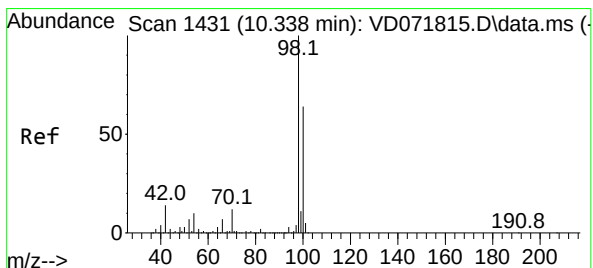
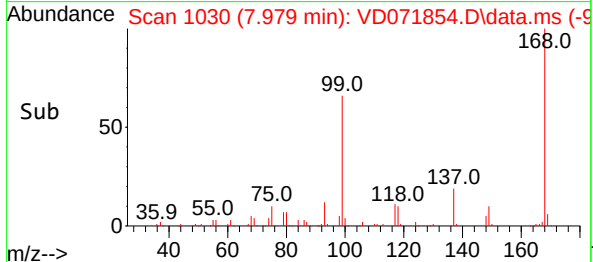
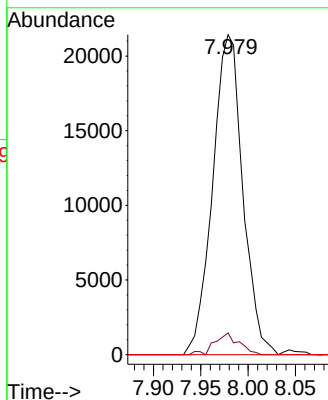
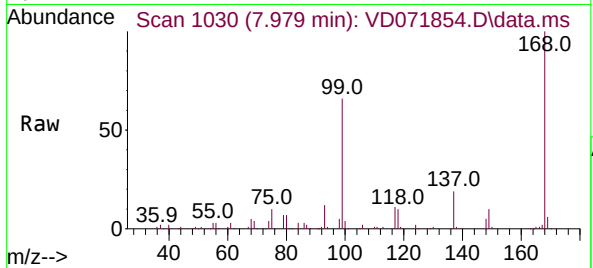




#38
Carbon Tetrachloride
Concen: 5.412 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

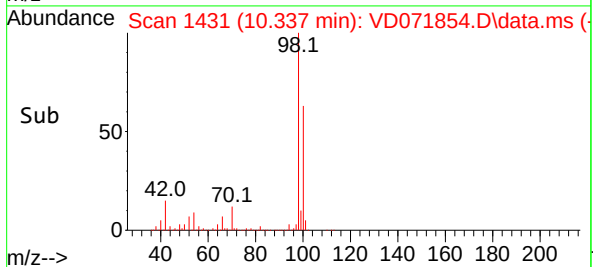
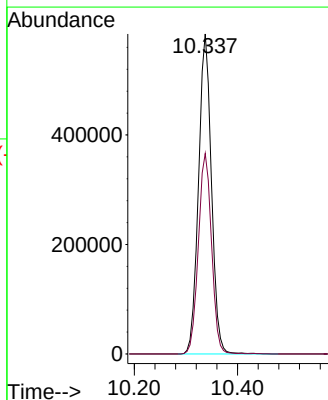
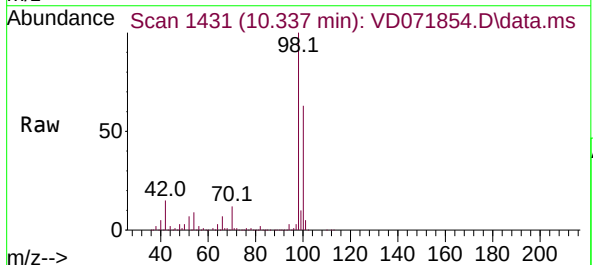
Instrument :
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ClientSampleId :
MH-4D

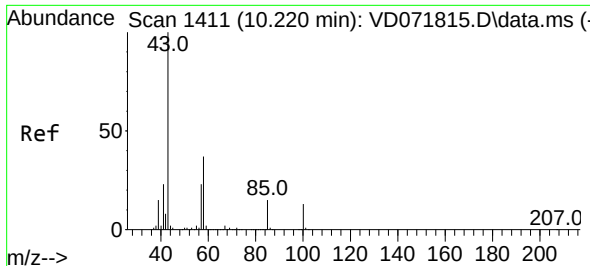
Tgt Ion:117 Resp: 47444
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.511 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 98 Resp: 1012905
Ion Ratio Lower Upper
98 100
100 64.0 52.4 78.6

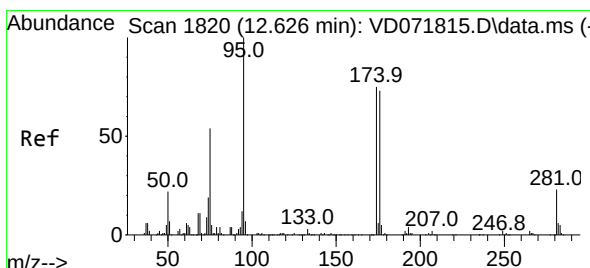
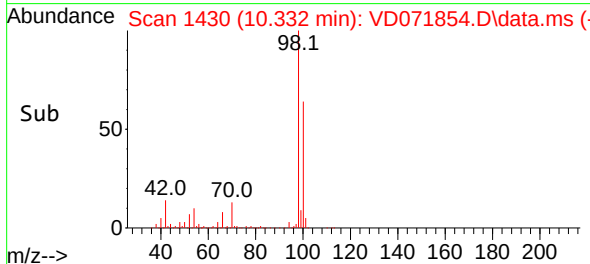
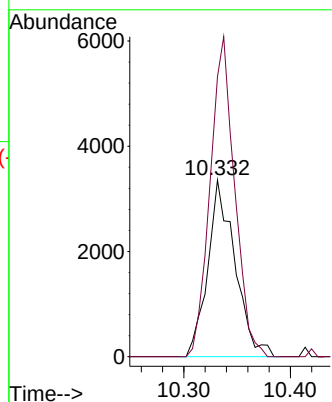
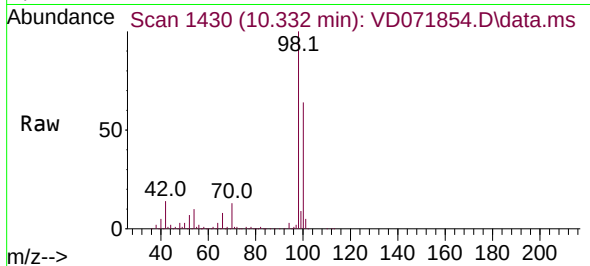




#51
4-Methyl-2-Pentanone
Concen: 1.535 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

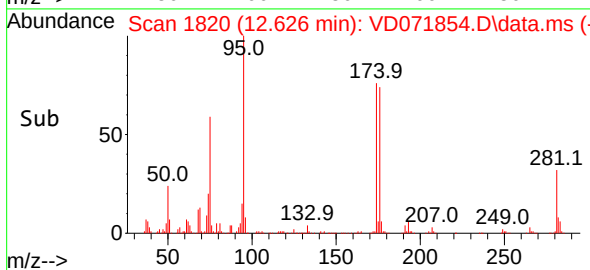
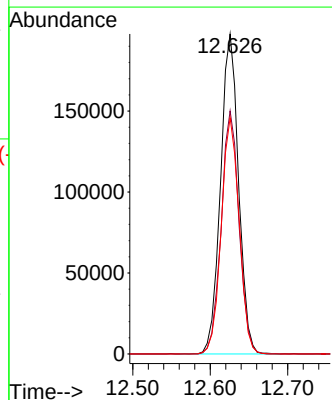
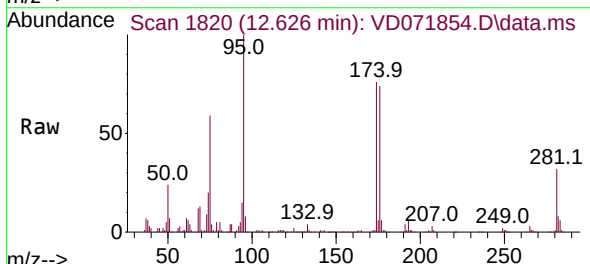
Instrument :
MSVOA_D
ClientSampleId :
MH-4D

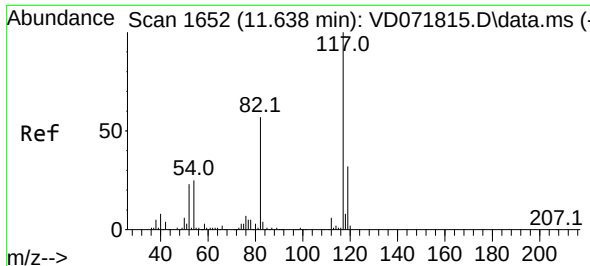
Tgt Ion: 43 Resp: 5951
Ion Ratio Lower Upper
43 100
58 163.7 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 47.381 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 95 Resp: 319161
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 73.2 0.0 145.4

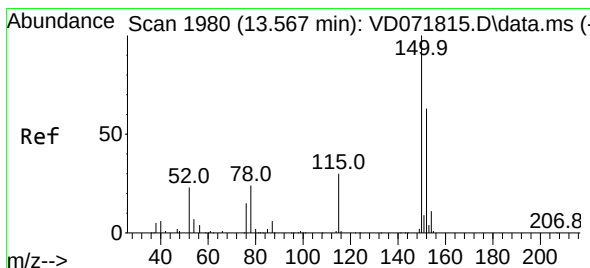
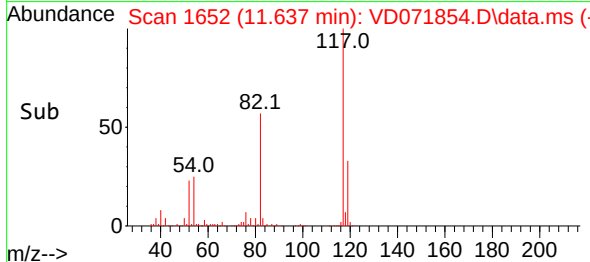
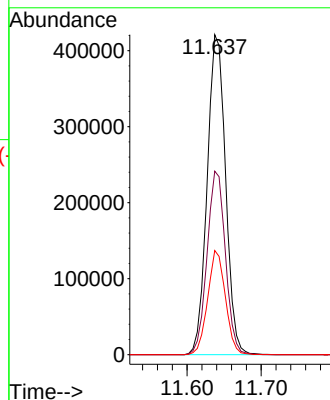
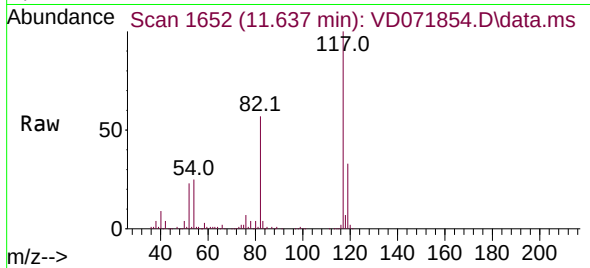




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

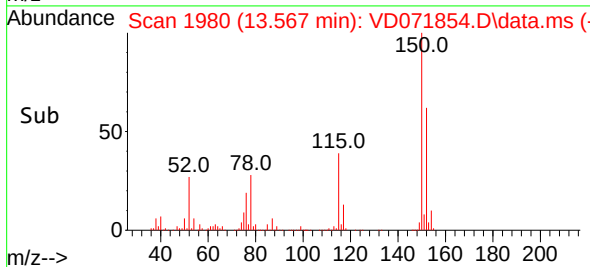
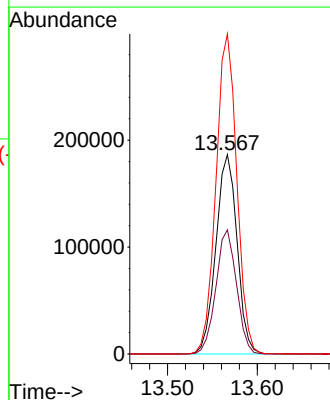
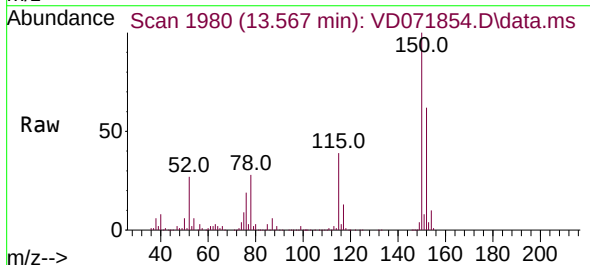
Instrument :
MSVOA_D
ClientSampleId :
MH-4D

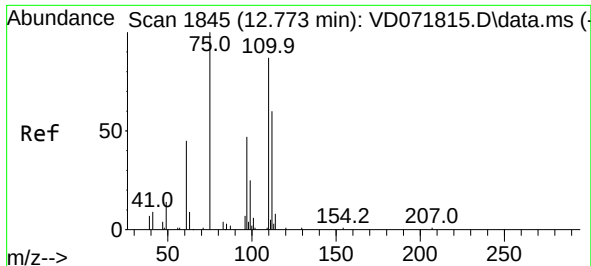
Tgt Ion:117 Resp: 726881
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 32.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

Tgt Ion:152 Resp: 305419
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.6 0.0 348.6

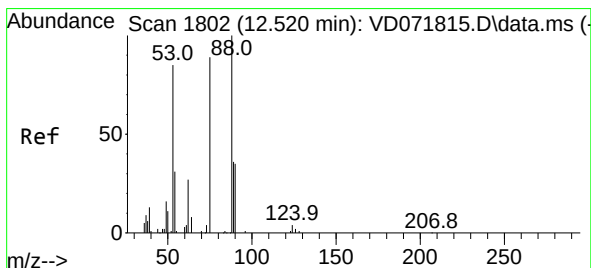
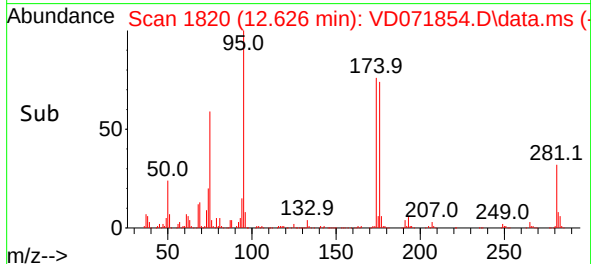
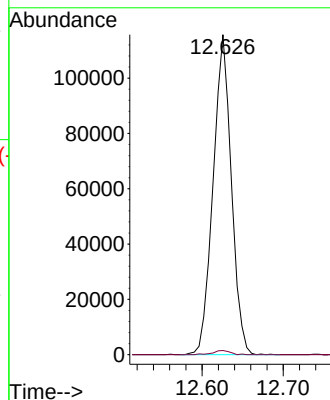
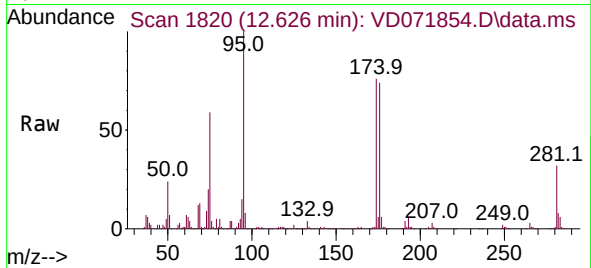




#76
1,2,3-Trichloropropane
Concen: 56.097 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

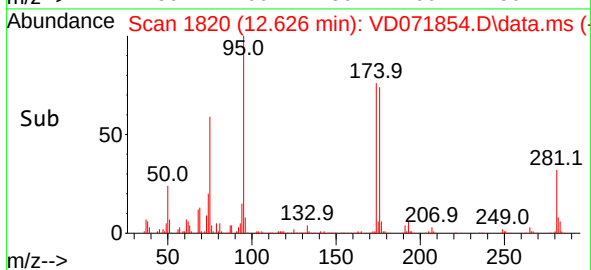
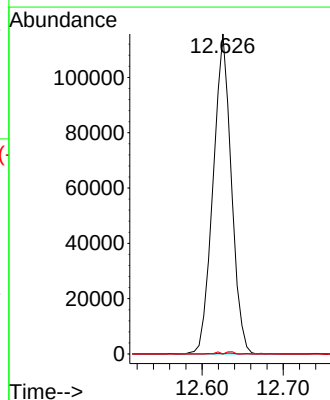
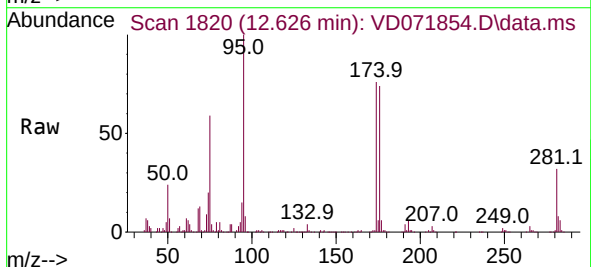
Instrument :
MSVOA_D
ClientSampleId :
MH-4D

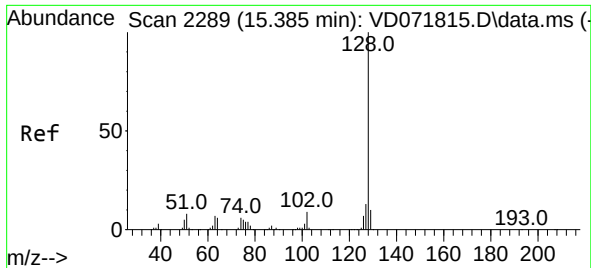
Tgt Ion: 75 Resp: 180561
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.929 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071854.D
Acq: 31 Jan 2022 19:22

Tgt Ion: 75 Resp: 180561
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.3 33.9 50.9#





#95

Naphthalene

Concen: 1.514 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD071854.D

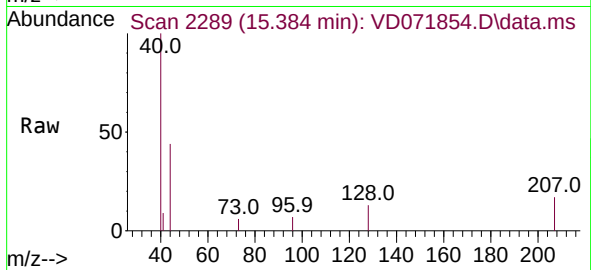
Acq: 31 Jan 2022 19:22

Instrument :

MSVOA_D

ClientSampleId :

MH-4D



Tgt Ion:128 Resp: 662

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.4 12.6#

