

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008563.D
 Acq On : 29 Apr 2022 16:47
 Operator : KP/MD
 Sample : N2600-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

Quant Time: Apr 30 00:38:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

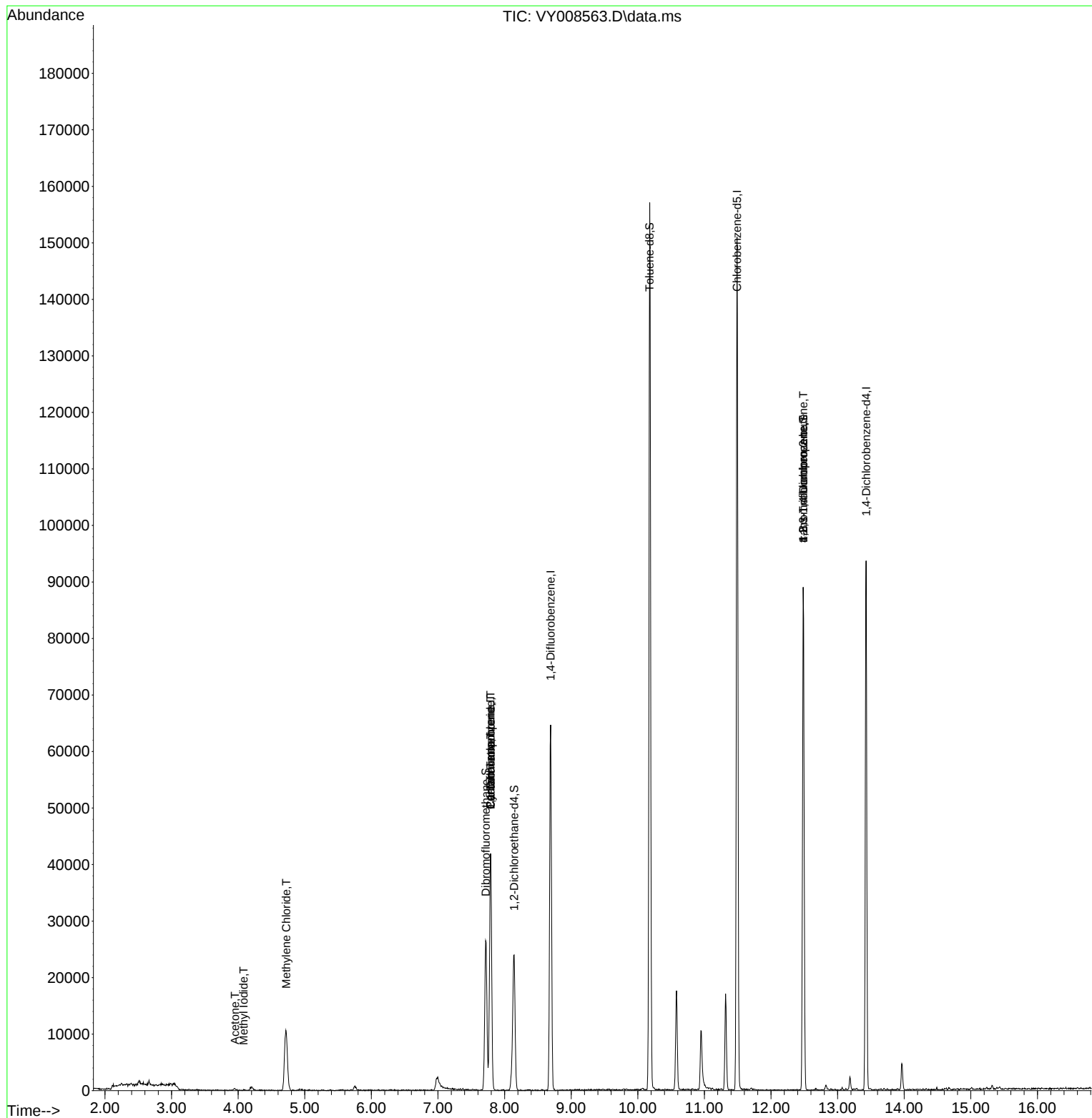
Internal Standards						
1) Pentafluorobenzene	7.789	168	32423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	57250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17615	46.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.340%
35) Dibromofluoromethane	7.716	113	18341	49.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	109051	73.019	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	146.040%#
62) 4-Bromofluorobenzene	12.483	95	21314	42.840	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.680%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	144	1.977	ug/l #	35
11) Tert butyl alcohol	4.966	59	384	Below Cal	#	77
16) Acetone	3.954	43	534	6.010	ug/l	100
20) Methylene Chloride	4.722	84	8485	13.907	ug/l #	74
31) Cyclohexane	7.789	56	740	1.180	ug/l #	34
36) 1,1-Dichloropropene	7.789	75	2595	4.415	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3238	5.303	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	11936	39.711	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11936	92.126	ug/l #	7

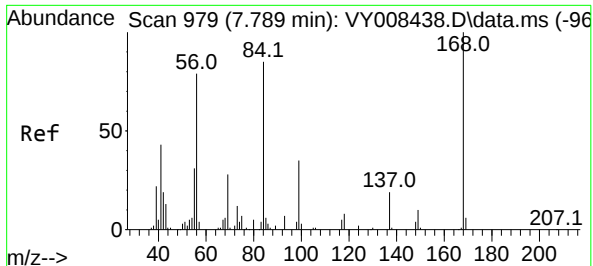
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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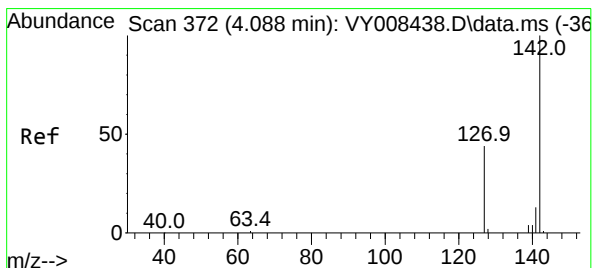
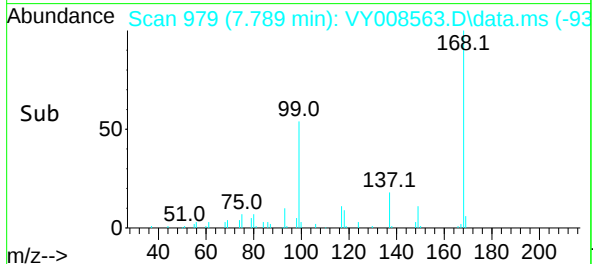
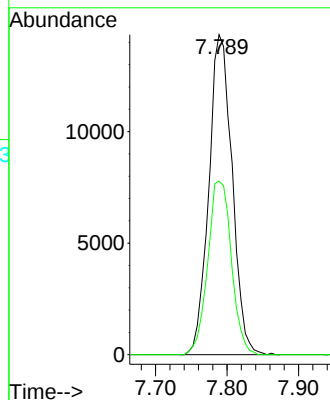
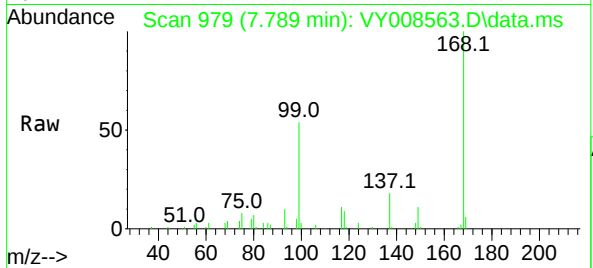




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

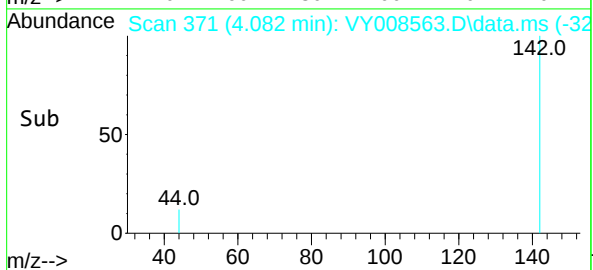
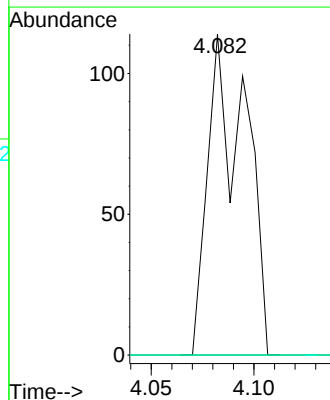
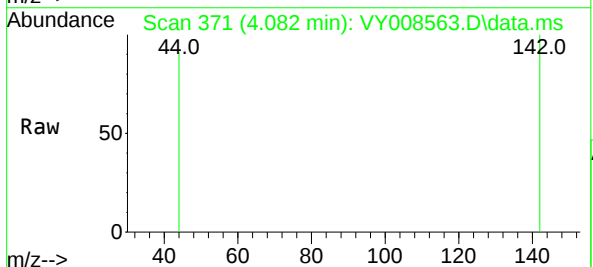
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

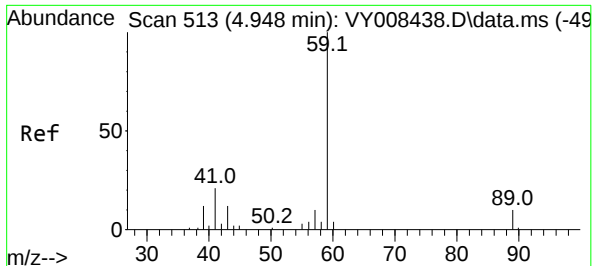
Tgt Ion:168 Resp: 32423
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.977 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.966 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY008563.D

Acq: 29 Apr 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

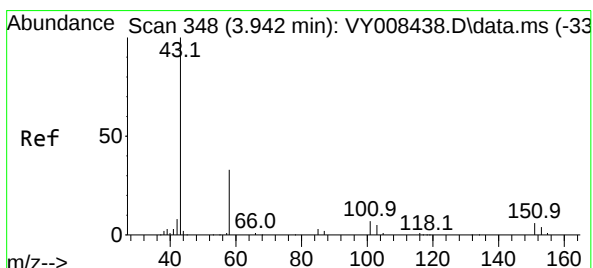
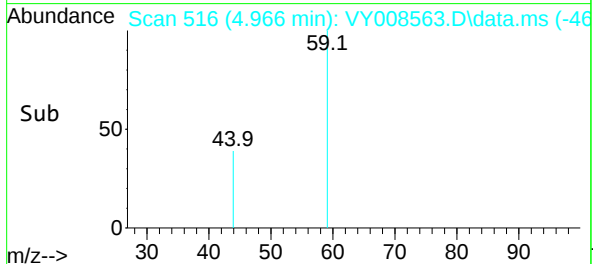
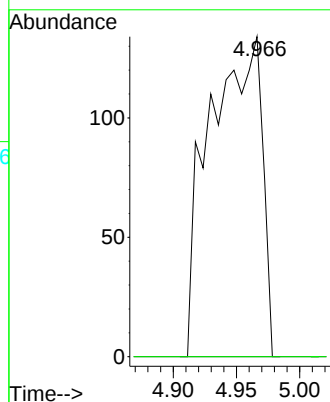
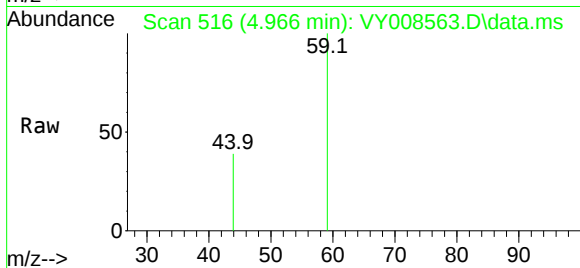
MH-15D

Tgt Ion: 59 Resp: 384

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.010 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY008563.D

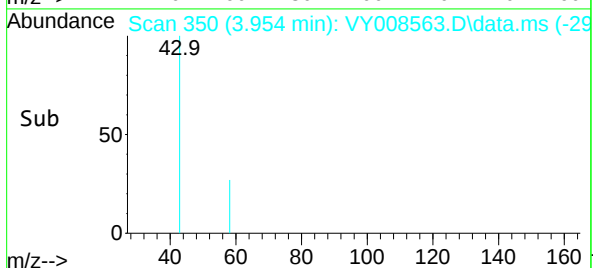
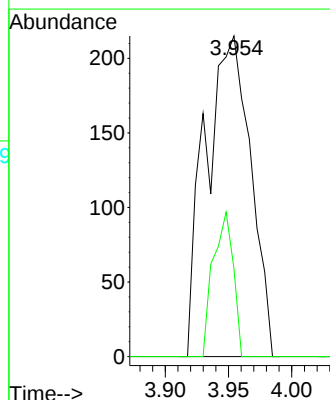
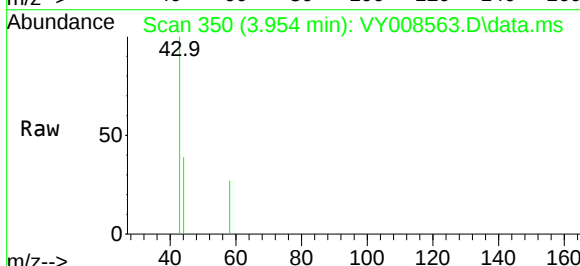
Acq: 29 Apr 2022 16:47

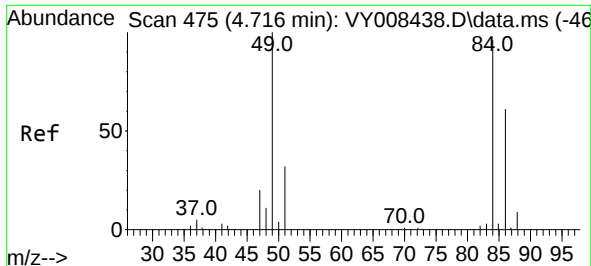
Tgt Ion: 43 Resp: 534

Ion Ratio Lower Upper

43 100

58 27.4 22.0 33.0

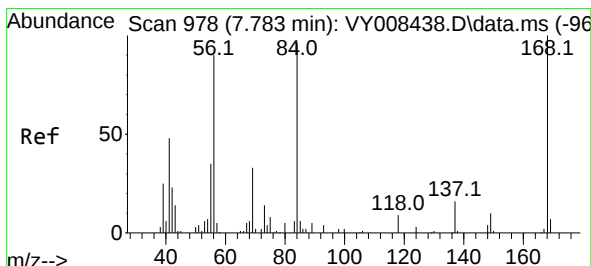
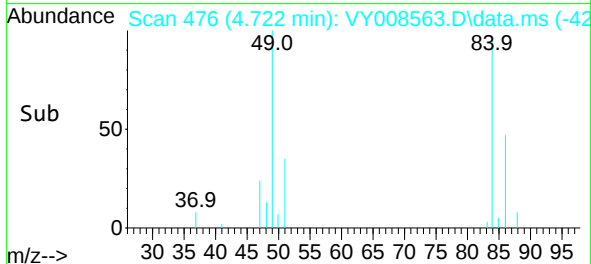
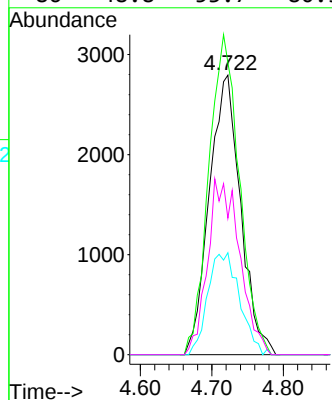
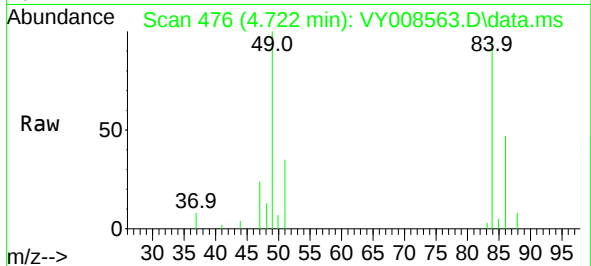




#20
Methylene Chloride
Concen: 13.907 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

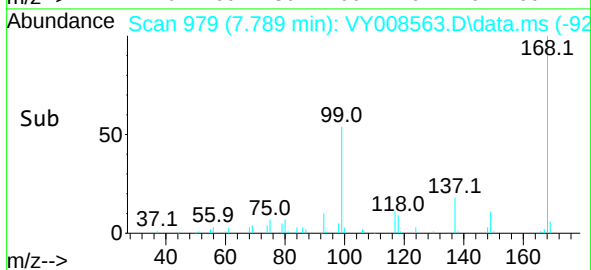
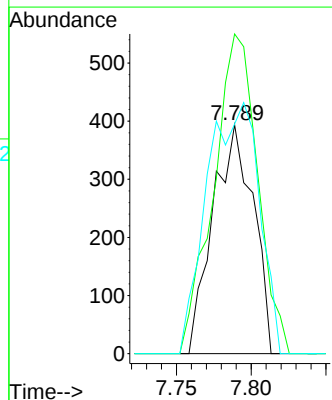
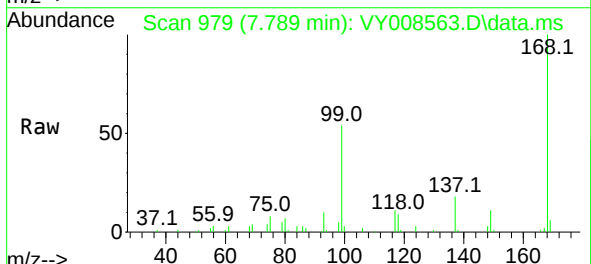
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

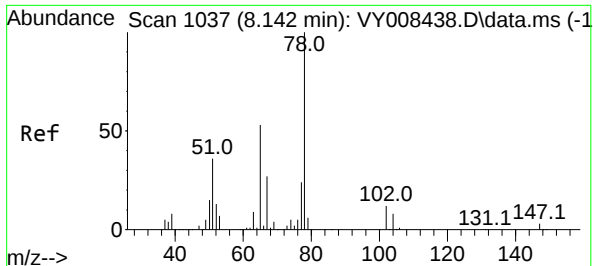
Tgt Ion: 84 Resp: 8485
Ion Ratio Lower Upper
84 100
49 104.4 114.4 171.6#
51 36.5 35.3 52.9
86 48.8 53.7 80.5#



#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Tgt Ion: 56 Resp: 740
Ion Ratio Lower Upper
56 100
69 139.6 26.7 40.1#
84 100.3 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 46.173 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008563.D

Acq: 29 Apr 2022 16:47

Instrument :

MSVOA_Y

ClientSampleId :

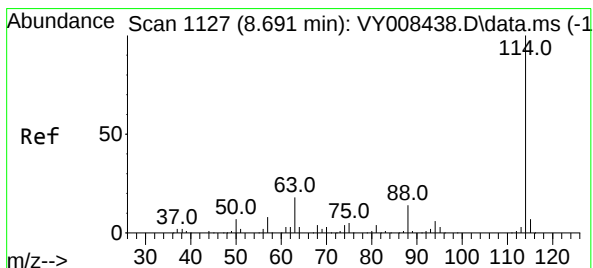
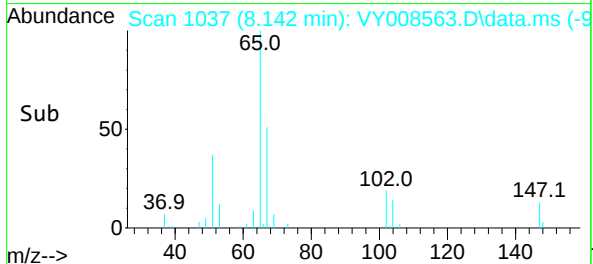
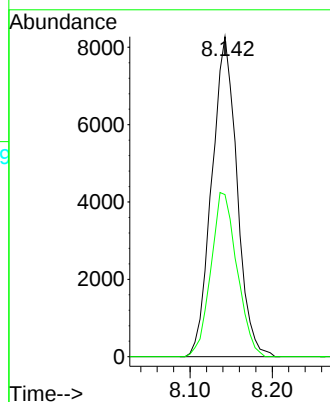
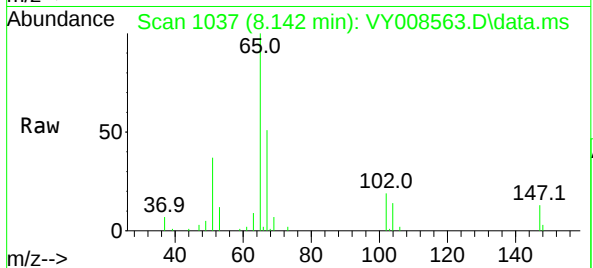
MH-15D

Tgt Ion: 65 Resp: 17615

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008563.D

Acq: 29 Apr 2022 16:47

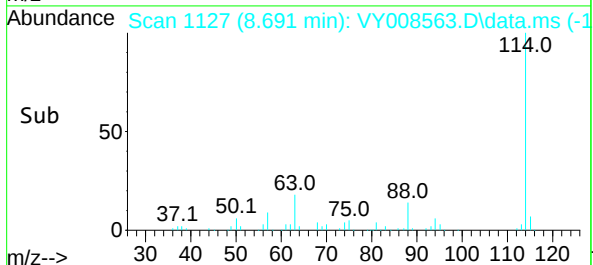
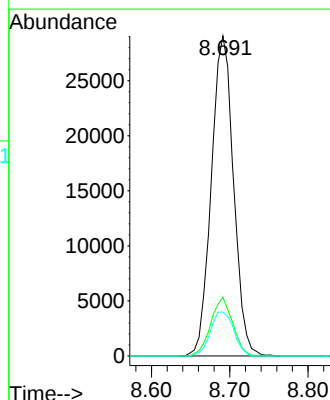
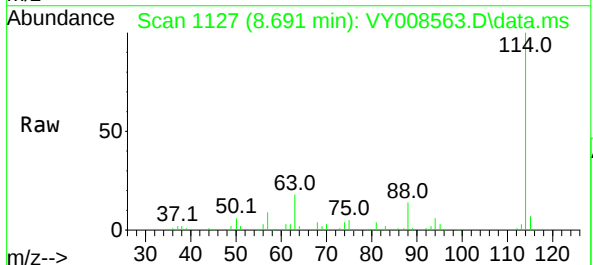
Tgt Ion: 114 Resp: 57250

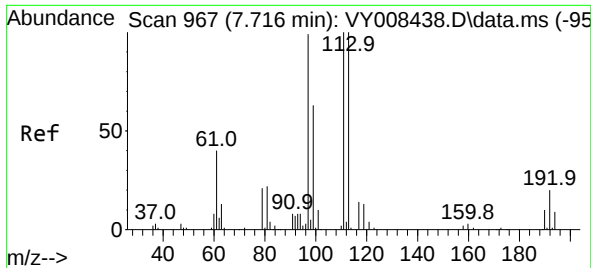
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.8 0.0 31.8

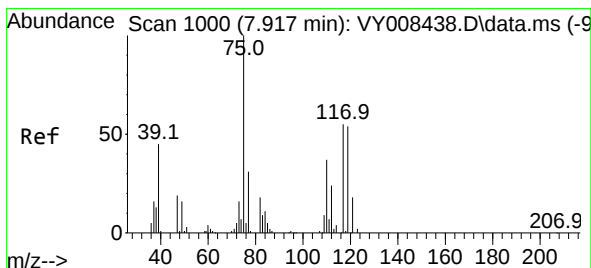
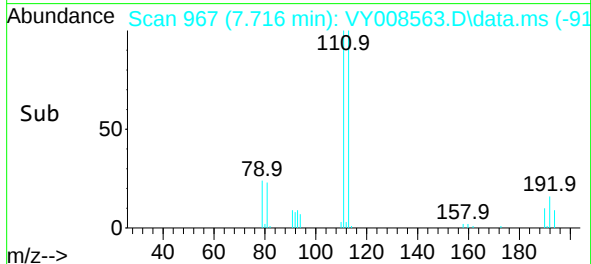
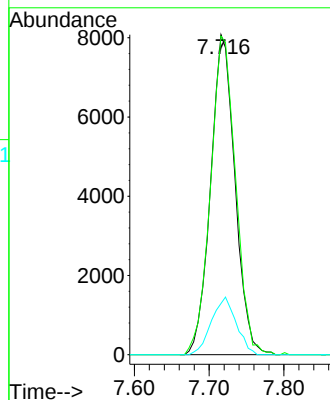
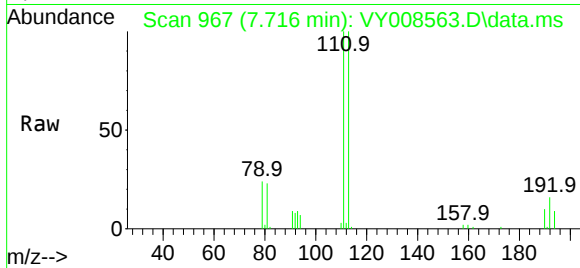




#35
Dibromofluoromethane
Concen: 49.640 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

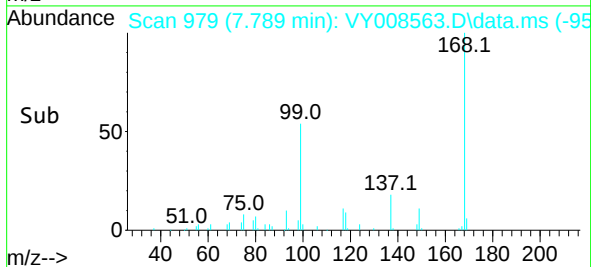
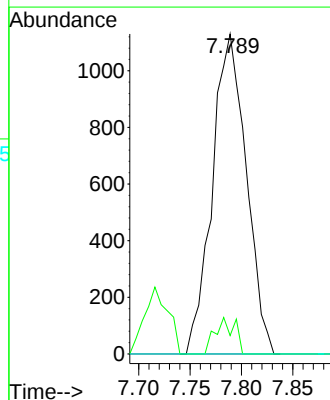
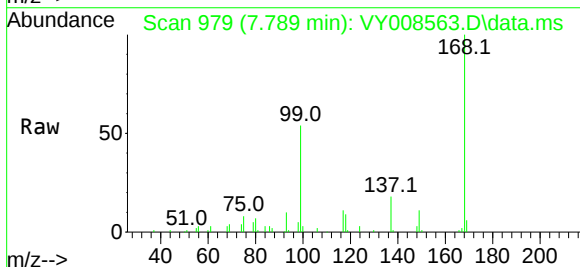
Instrument :
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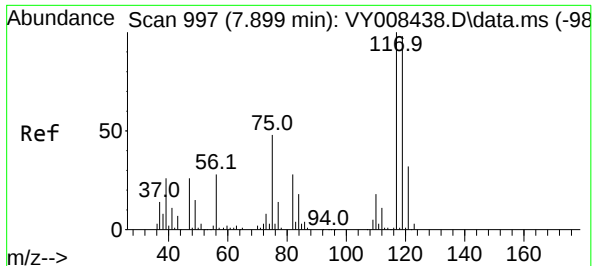
Tgt Ion:113 Resp: 18341
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.415 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

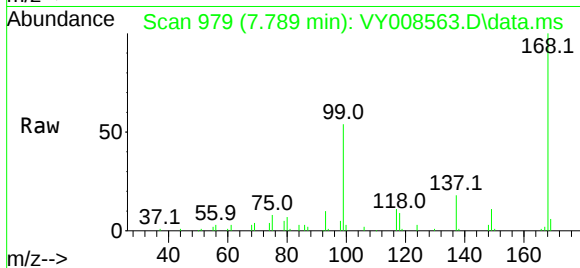
Tgt Ion: 75 Resp: 2595
Ion Ratio Lower Upper
75 100
110 6.6 17.1 51.2#
77 0.0 24.4 36.6#



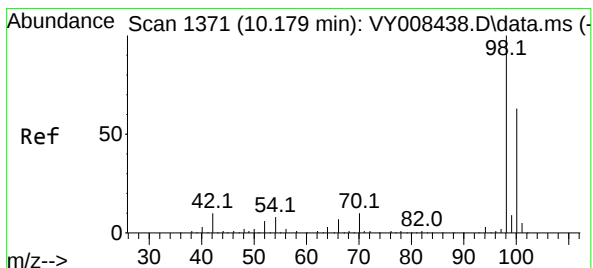
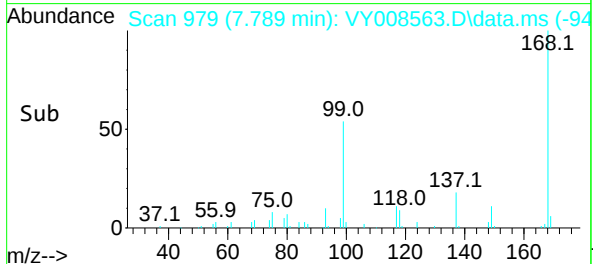
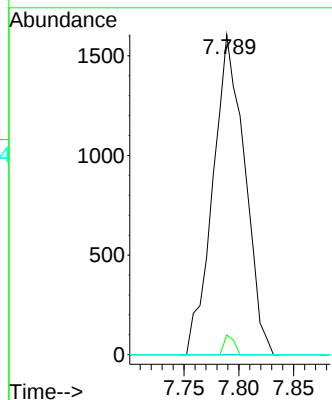


#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

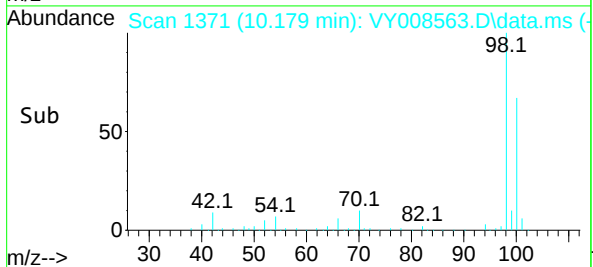
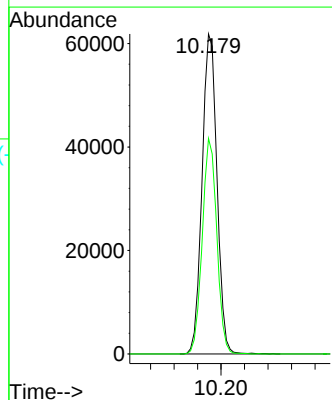
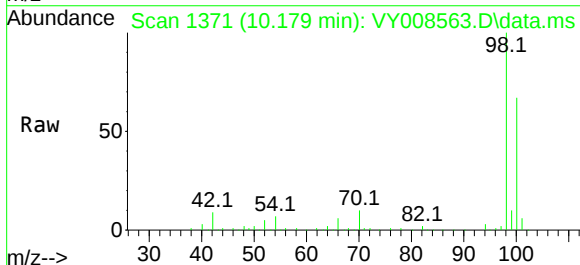


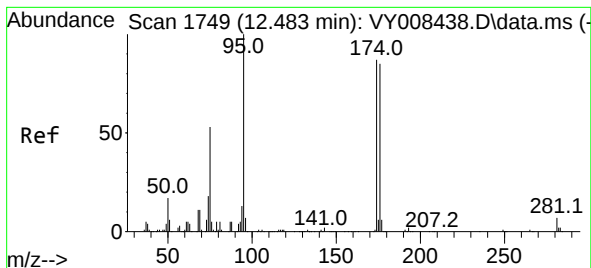
Tgt Ion:117 Resp: 3238
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 73.019 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Tgt Ion: 98 Resp: 109051
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

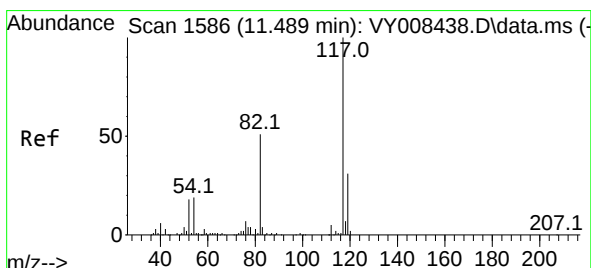
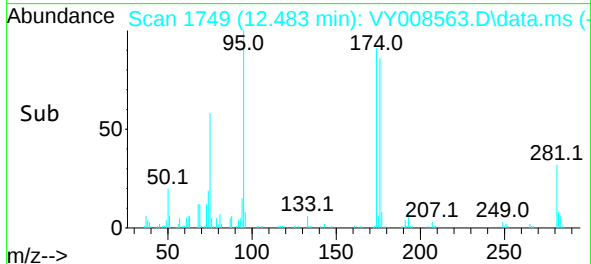
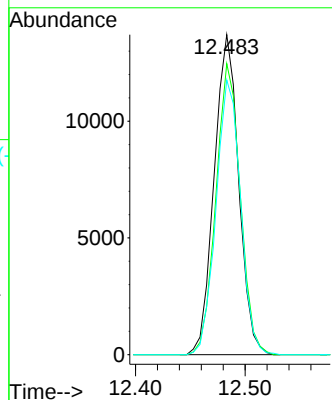
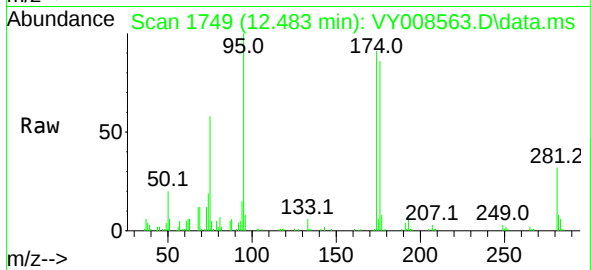




#62
4-Bromofluorobenzene
Concen: 42.840 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

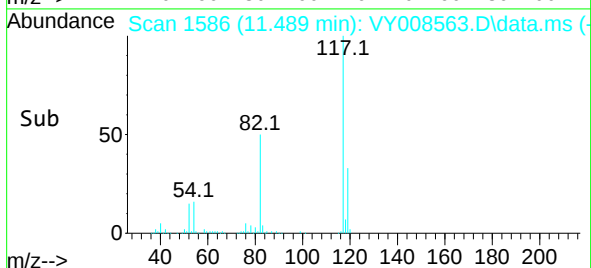
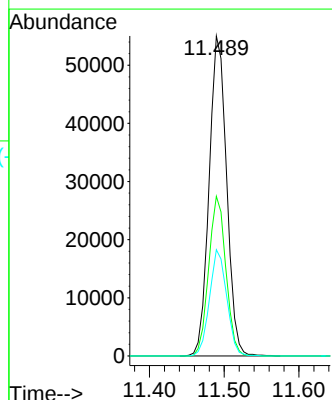
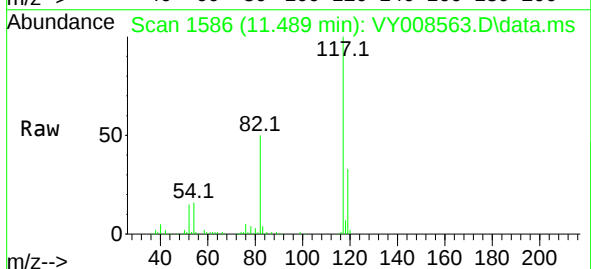
Instrument :
MSVOA_Y
ClientSampleId :
MH-15D

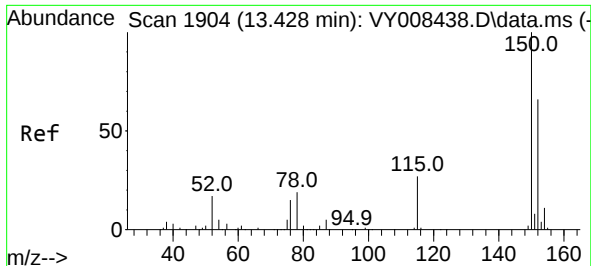
Tgt Ion: 95 Resp: 21314
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 85.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008563.D
Acq: 29 Apr 2022 16:47

Tgt Ion: 117 Resp: 89433
Ion Ratio Lower Upper
117 100
82 49.9 43.0 64.4
119 33.2 25.4 38.0

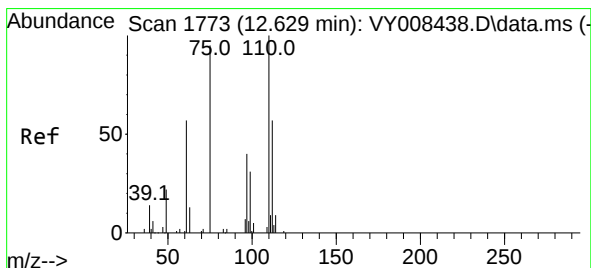
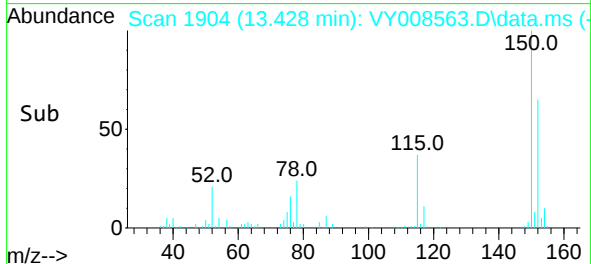
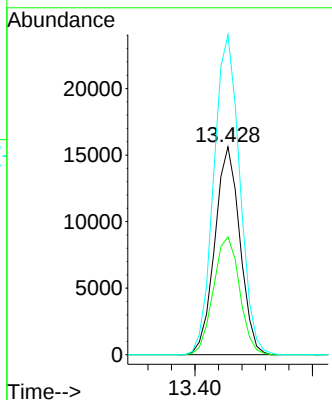
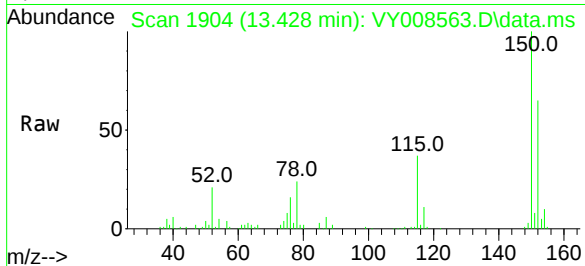




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008563.D
 Acq: 29 Apr 2022 16:47

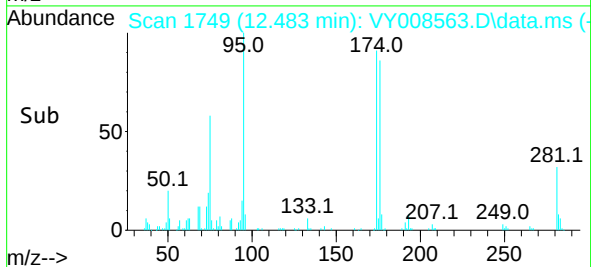
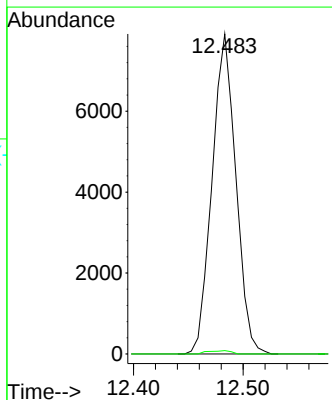
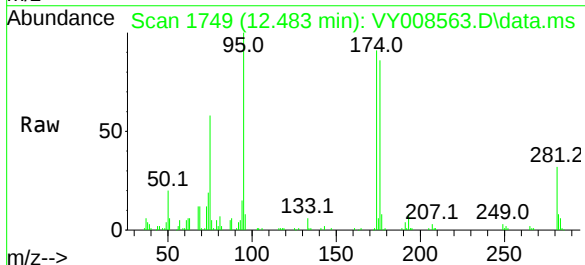
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

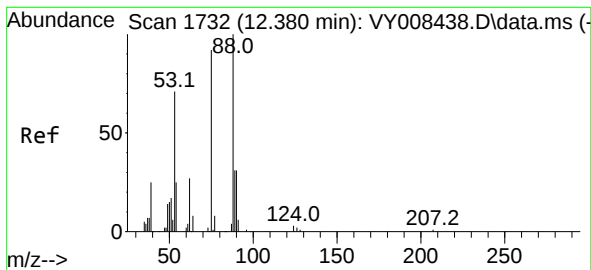
Tgt Ion:152 Resp: 23225
 Ion Ratio Lower Upper
 152 100
 115 59.0 28.2 84.7
 150 158.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.711 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008563.D
 Acq: 29 Apr 2022 16:47

Tgt Ion: 75 Resp: 11936
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.126 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008563.D
 Acq: 29 Apr 2022 16:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15D

Tgt Ion: 75 Resp: 11936
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

