

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008550.D
 Acq On : 28 Apr 2022 16:09
 Operator : KP/MD
 Sample : N2600-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

Quant Time: Apr 29 02:01:39 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)

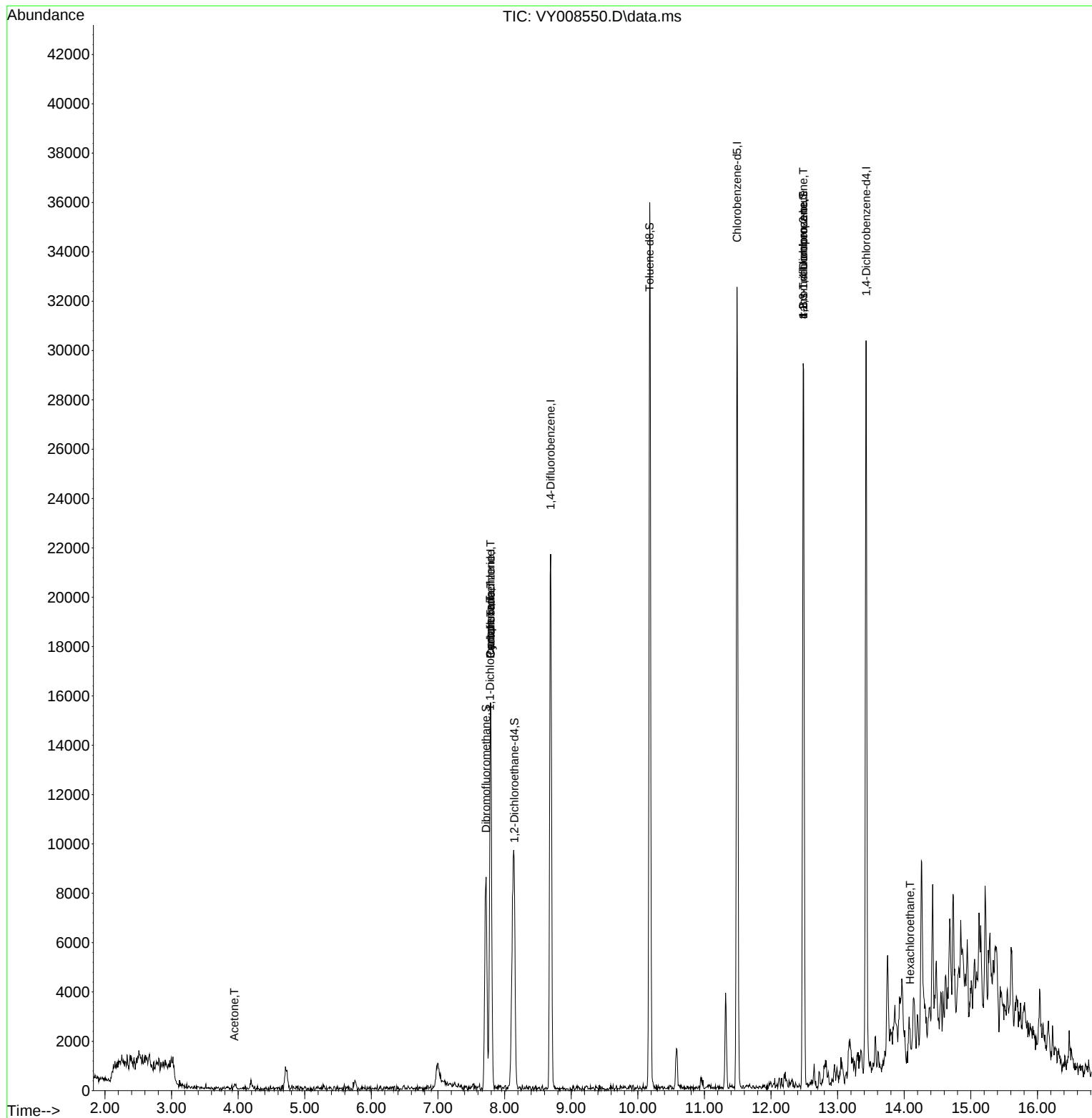
Internal Standards						
1) Pentafluorobenzene	7.789	168	12165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	20140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	6114	42.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.420%
35) Dibromofluoromethane	7.722	113	6124	47.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.220%
50) Toluene-d8	10.179	98	23573	45.703	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.400%
62) 4-Bromofluorobenzene	12.483	95	7454	42.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.180%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	49	Below Cal	#	77
16) Acetone	3.942	43	190	5.699	ug/l #	47
20) Methylene Chloride	4.710	84	742	Below Cal	#	64
31) Cyclohexane	7.789	56	242	1.028	ug/l #	48
36) 1,1-Dichloropropene	7.783	75	1037	5.016	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1452	6.759	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	4094	43.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4094	100.380	ug/l #	7
90) Hexachloroethane	14.087	117	250	2.755	ug/l #	6

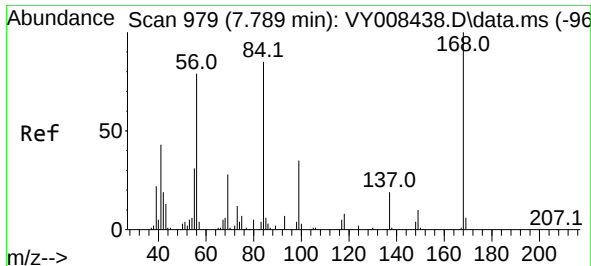
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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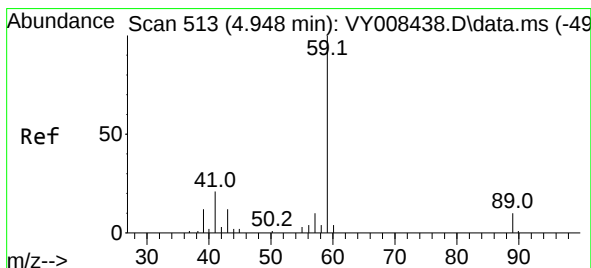
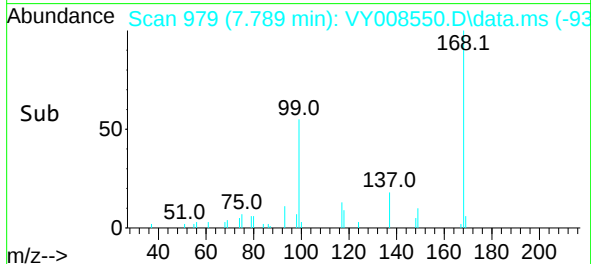
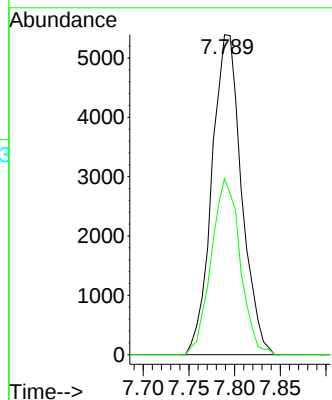
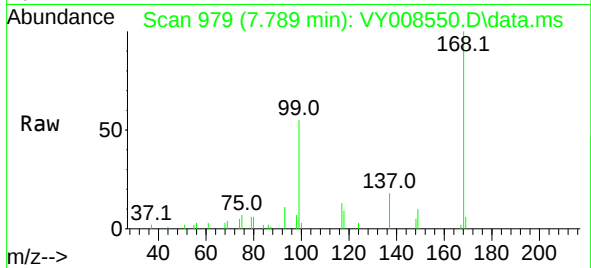




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

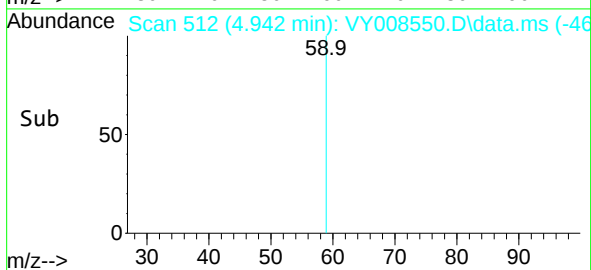
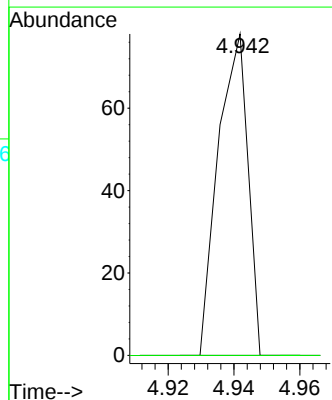
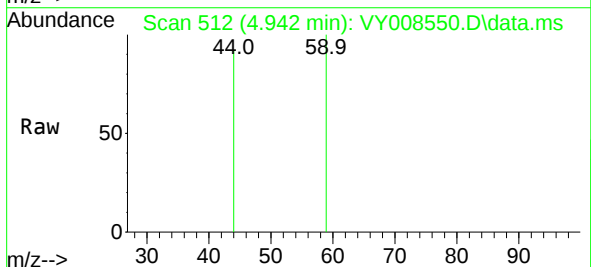
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

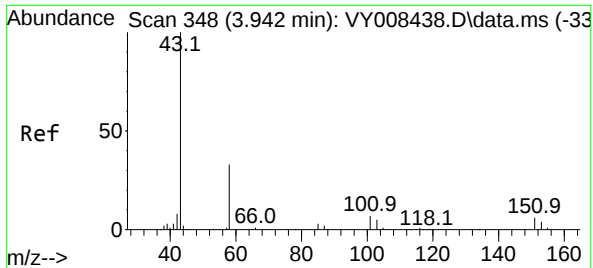
Tgt Ion:168 Resp: 12165
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion: 59 Resp: 49
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

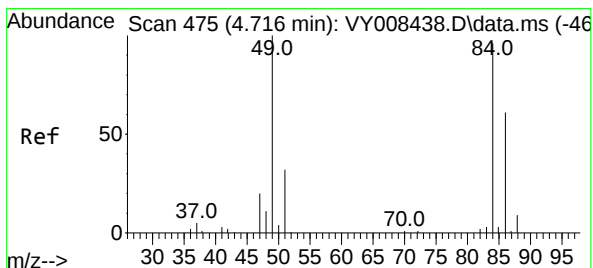
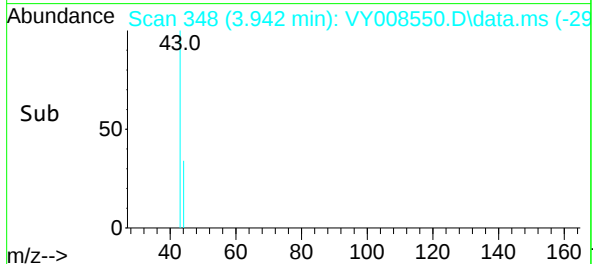
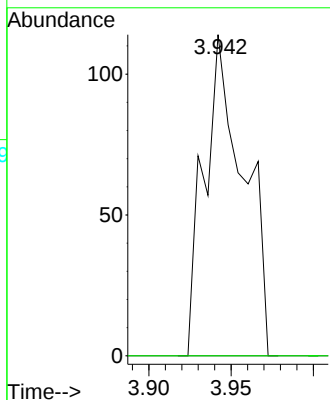
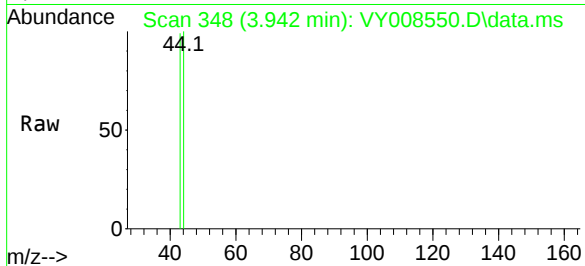




#16
Acetone
Concen: 5.699 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

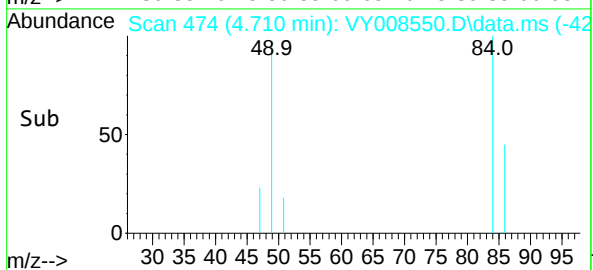
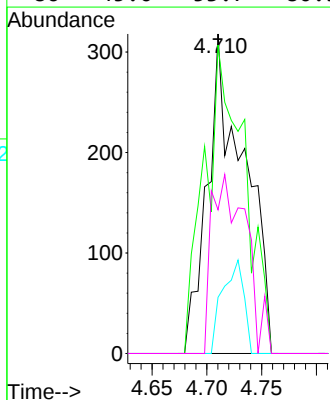
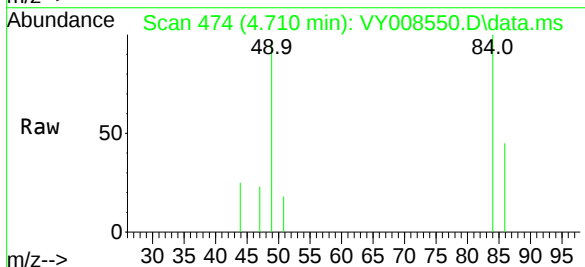
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

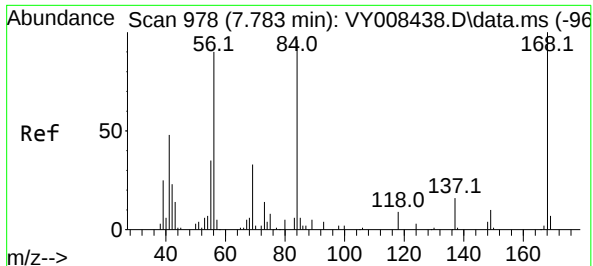
Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion: 84 Resp: 742
Ion Ratio Lower Upper
84 100
49 96.5 114.4 171.6#
51 17.6 35.3 52.9#
86 45.0 53.7 80.5#

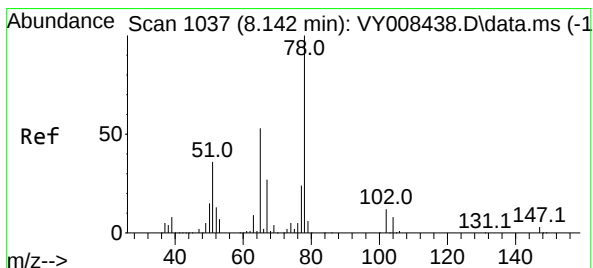
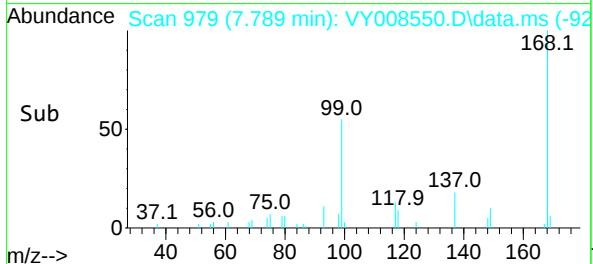
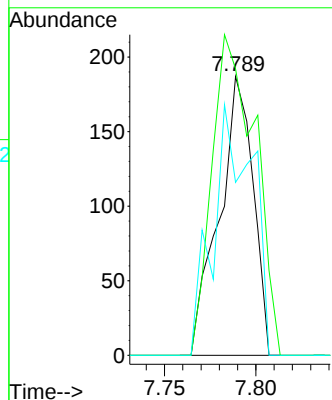
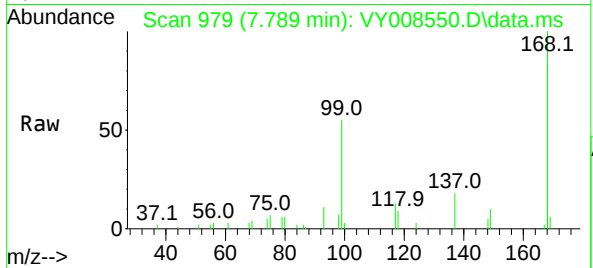




#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

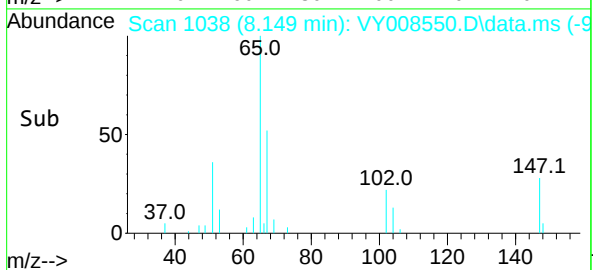
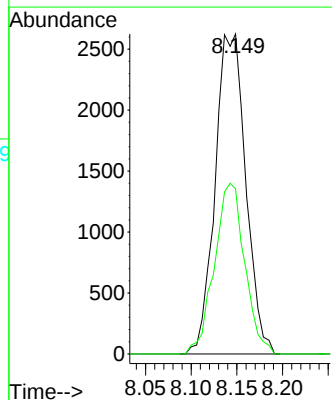
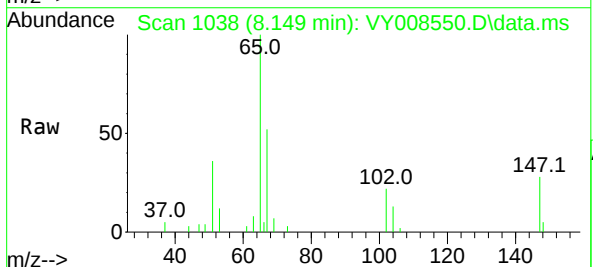
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

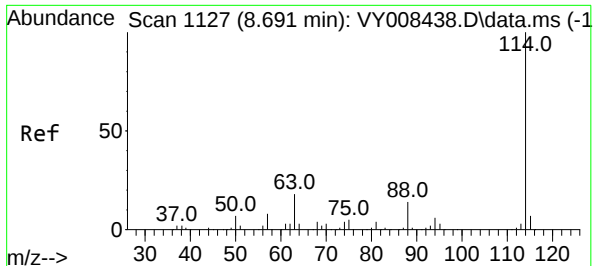
Tgt Ion: 56 Resp: 242
Ion Ratio Lower Upper
56 100
69 102.7 26.7 40.1#
84 62.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 42.715 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion: 65 Resp: 6114
Ion Ratio Lower Upper
65 100
67 52.7 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: VY008550.D

Acq: 28 Apr 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

MH-15S

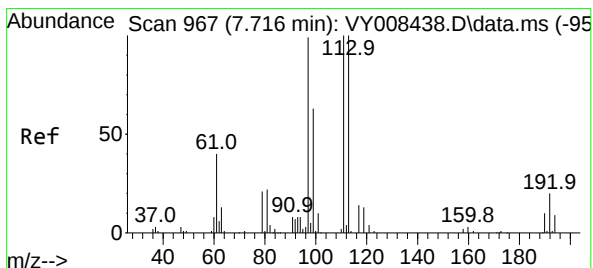
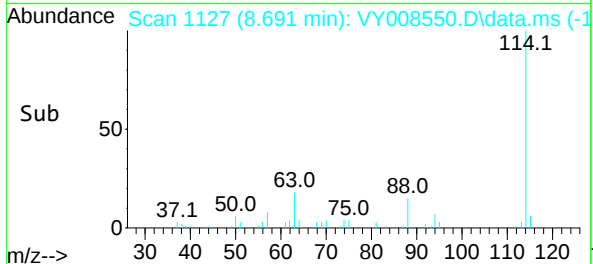
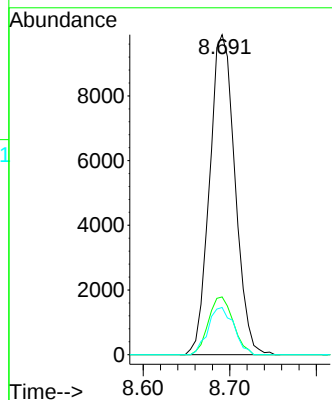
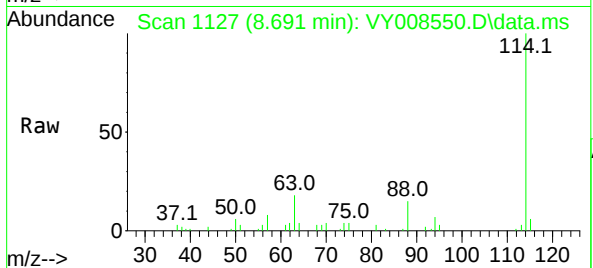
Tgt Ion:114 Resp: 20140

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.115 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008550.D

Acq: 28 Apr 2022 16:09

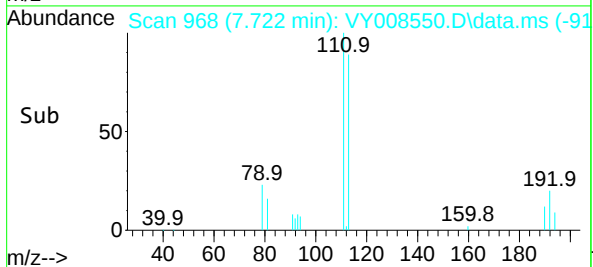
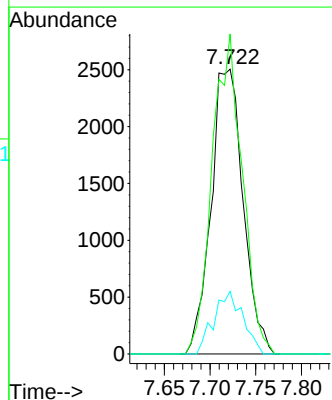
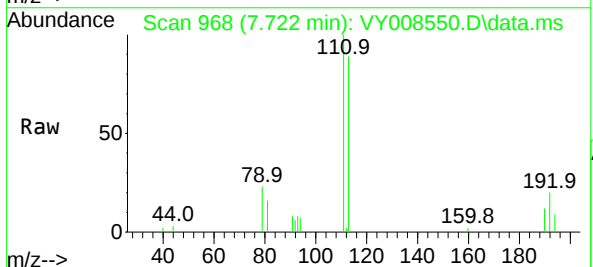
Tgt Ion:113 Resp: 6124

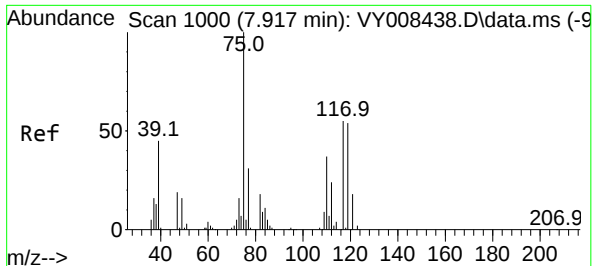
Ion Ratio Lower Upper

113 100

111 105.2 82.6 124.0

192 19.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.016 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008550.D

Acq: 28 Apr 2022 16:09

Instrument :

MSVOA_Y

ClientSampleId :

MH-15S

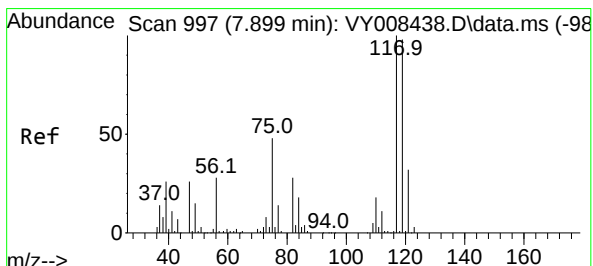
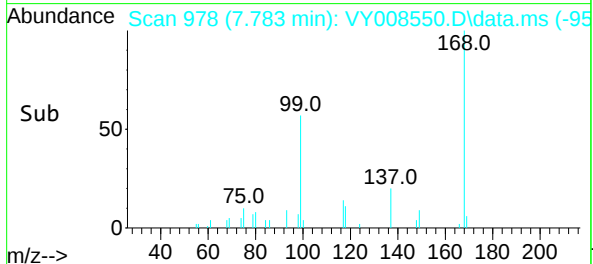
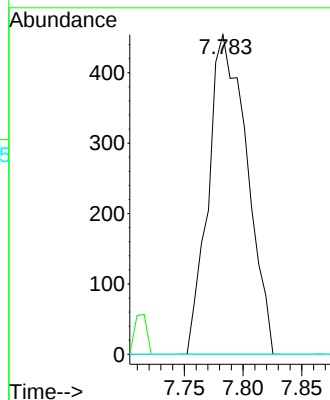
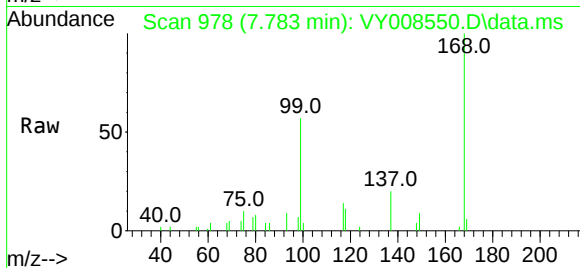
Tgt Ion: 75 Resp: 1037

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.759 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008550.D

Acq: 28 Apr 2022 16:09

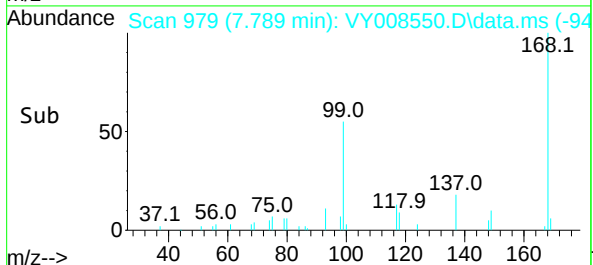
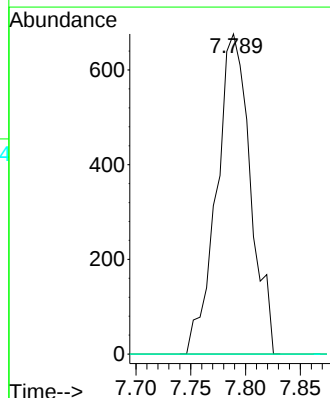
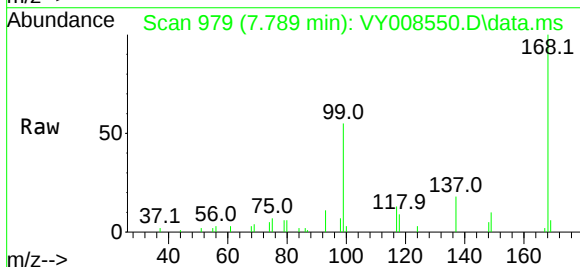
Tgt Ion: 117 Resp: 1452

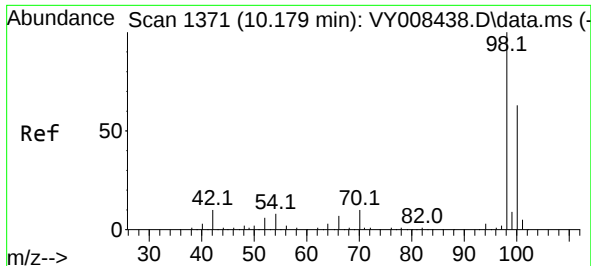
Ion Ratio Lower Upper

117 100

119 0.0 77.9 116.9#

121 0.0 24.8 37.2#

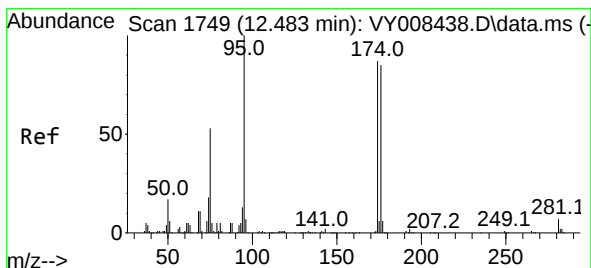
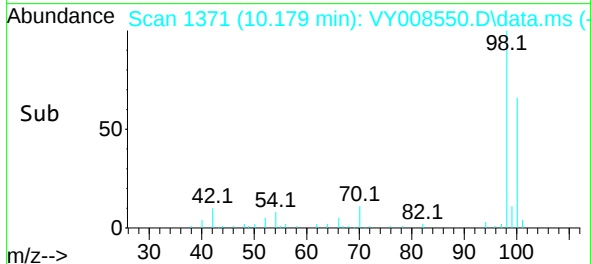
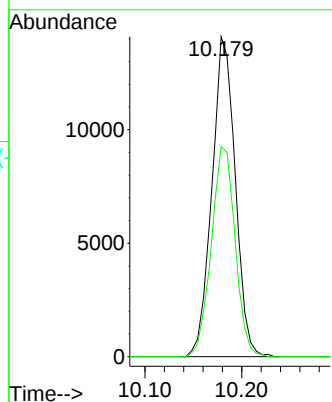
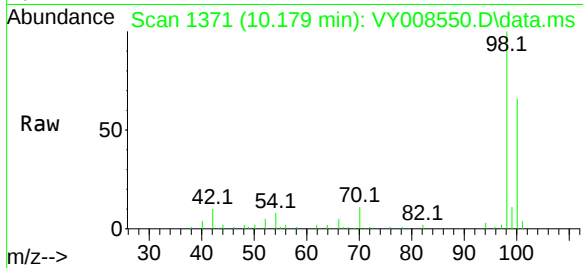




#50
Toluene-d8
Concen: 45.703 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

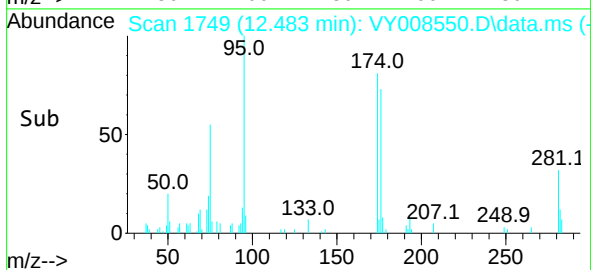
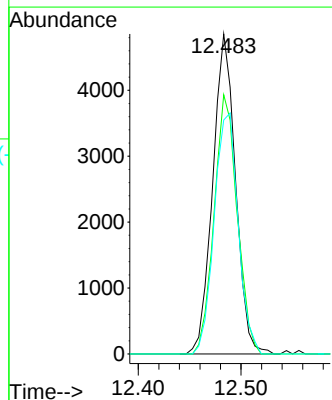
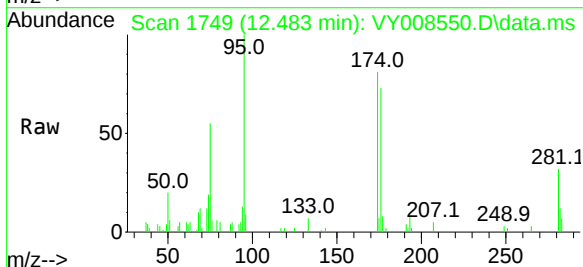
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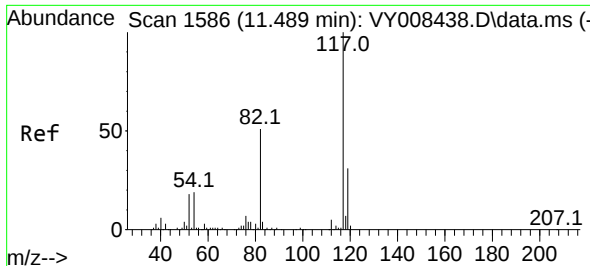
Tgt Ion: 98 Resp: 23573
Ion Ratio Lower Upper
98 100
100 67.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion: 95 Resp: 7454
Ion Ratio Lower Upper
95 100
174 82.2 0.0 177.0
176 79.0 0.0 175.8

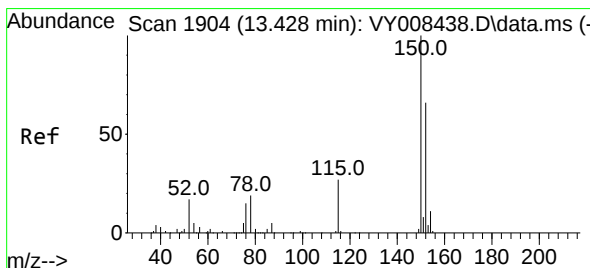
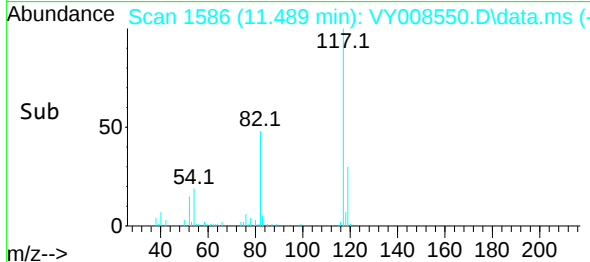
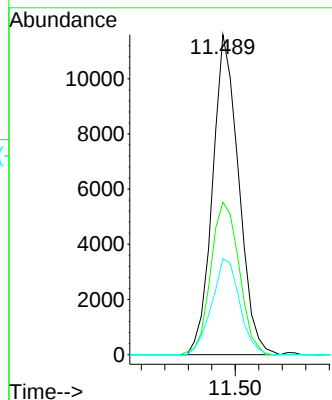
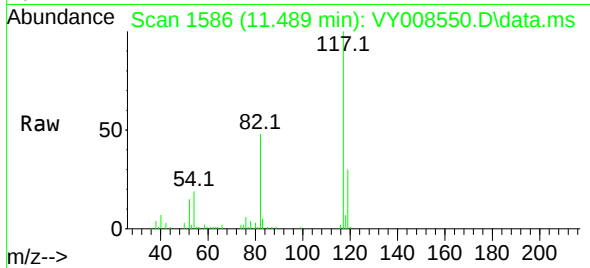




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

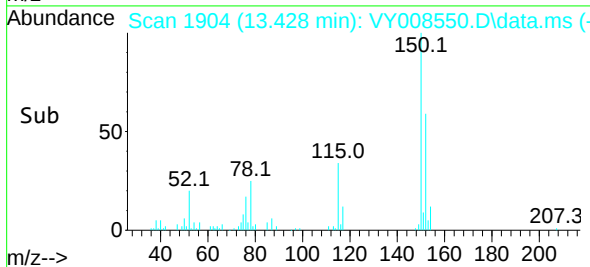
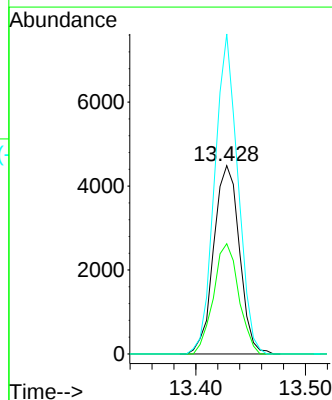
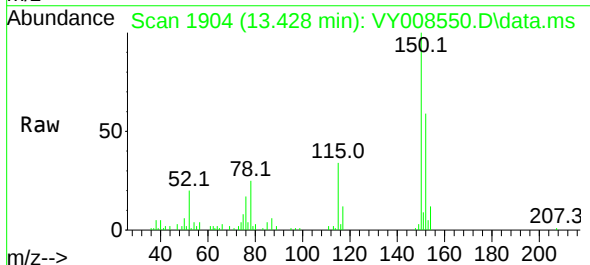
Instrument :
MSVOA_Y
ClientSampleId :
MH-15S

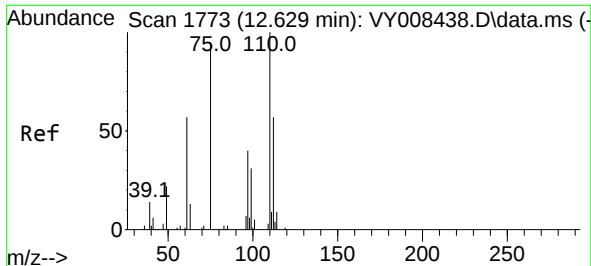
Tgt Ion:117 Resp: 17873
Ion Ratio Lower Upper
117 100
82 47.7 43.0 64.4
119 30.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008550.D
Acq: 28 Apr 2022 16:09

Tgt Ion:152 Resp: 7311
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 153.4 0.0 347.6

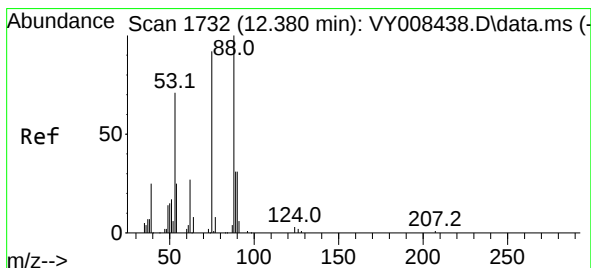
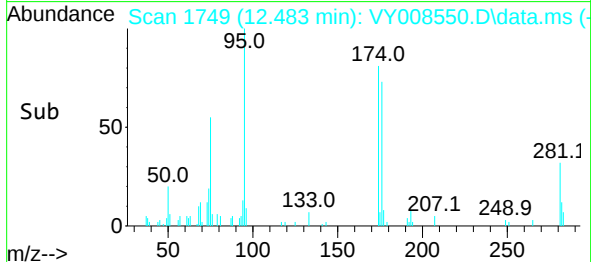
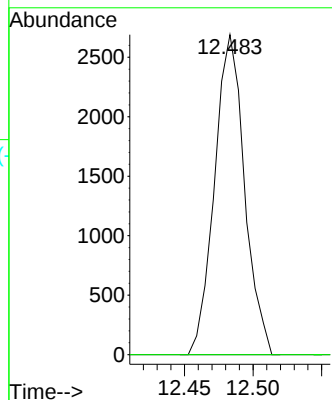
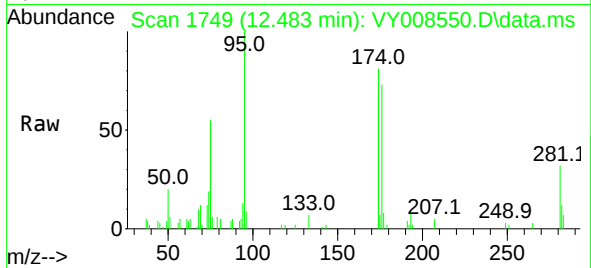




#76
 1,2,3-Trichloropropane
 Concen: 43.269 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008550.D
 Acq: 28 Apr 2022 16:09

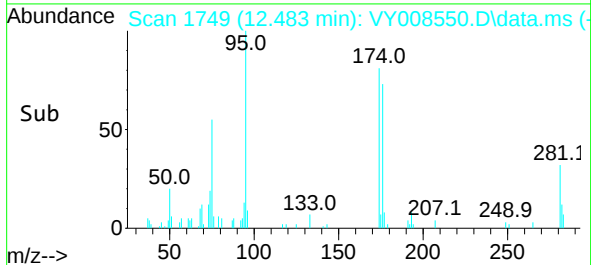
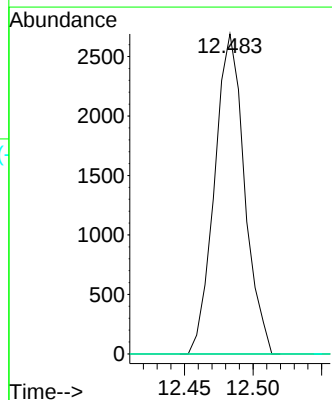
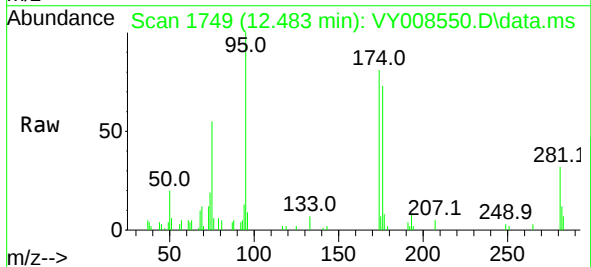
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

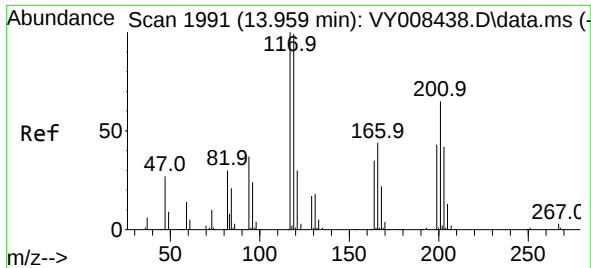
Tgt Ion: 75 Resp: 4094
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.380 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY008550.D
 Acq: 28 Apr 2022 16:09

Tgt Ion: 75 Resp: 4094
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#





#90
 Hexachloroethane
 Concen: 2.755 ug/l
 RT: 14.087 min Scan# 20
 Delta R.T. 0.128 min
 Lab File: VY008550.D
 Acq: 28 Apr 2022 16:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-15S

Tgt Ion:117 Resp: 250
 Ion Ratio Lower Upper
 117 100
 201 0.0 43.0 128.8#

