

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008520.D
 Acq On : 27 Apr 2022 12:27
 Operator : KP/MD
 Sample : N2572-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14S

Quant Time: Apr 28 01:31:14 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)

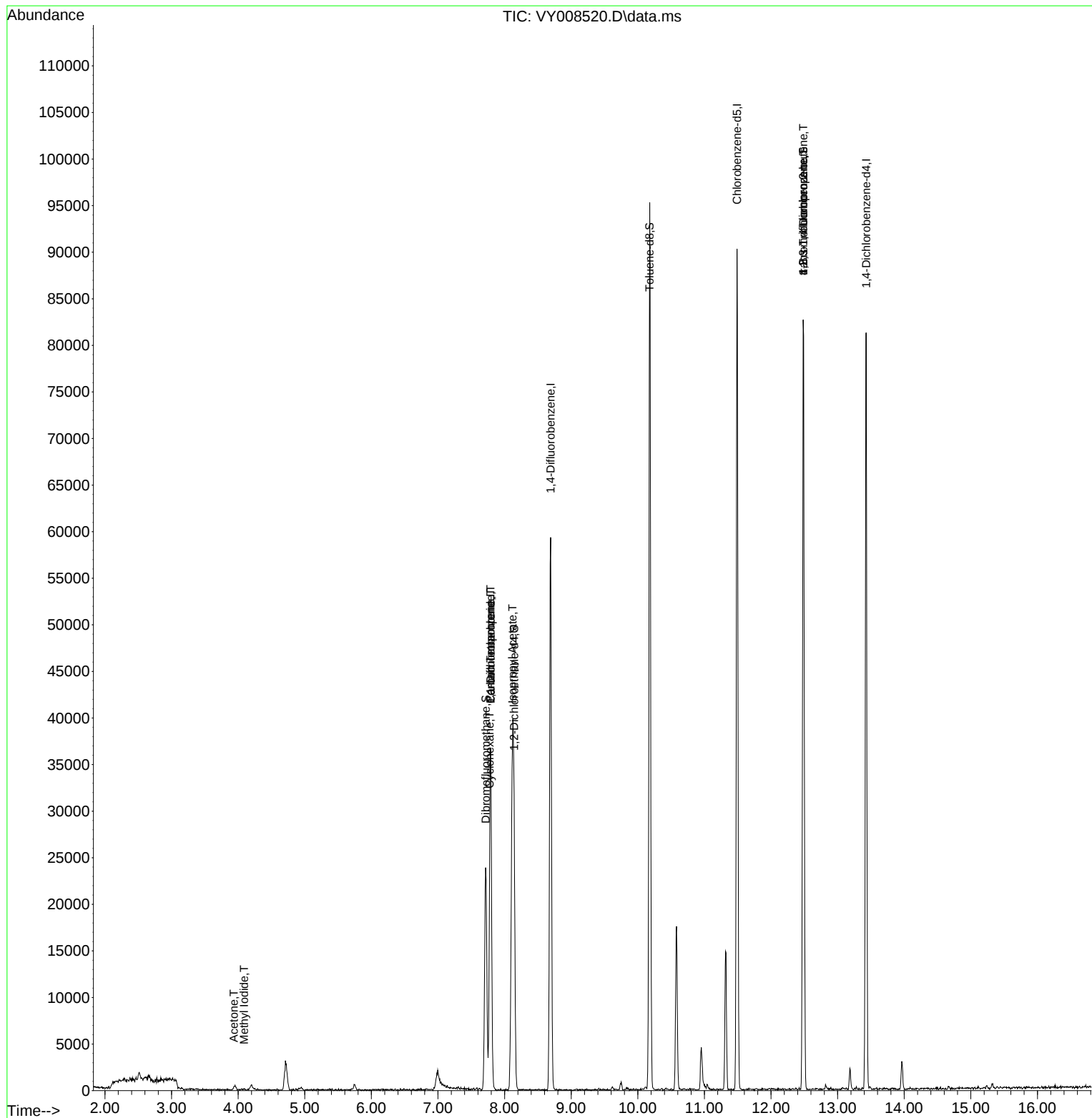
Internal Standards						
1) Pentafluorobenzene	7.789	168	29053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	52332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16257	47.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.120%
35) Dibromofluoromethane	7.716	113	16716	49.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.980%
50) Toluene-d8	10.179	98	62821	46.818	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.640%
62) 4-Bromofluorobenzene	12.483	95	18985	41.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.500%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	72	1.851	ug/l #	35
11) Tert butyl alcohol	4.942	59	172	Below Cal	#	77
16) Acetone	3.936	43	401	5.036	ug/l #	86
20) Methylene Chloride	4.710	84	2408	Below Cal		89
31) Cyclohexane	7.777	56	744	1.324	ug/l #	51
36) 1,1-Dichloropropene	7.789	75	2466	4.590	ug/l #	50
38) Carbon Tetrachloride	7.789	117	3057	5.477	ug/l #	15
43) Isopropyl Acetate	8.118	43	706	1.292	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	10916	41.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10916	96.317	ug/l #	7

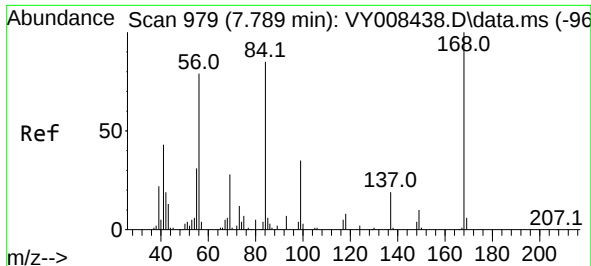
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
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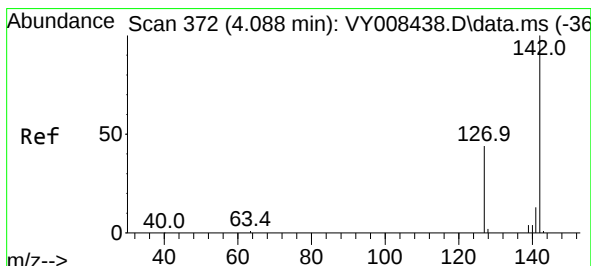
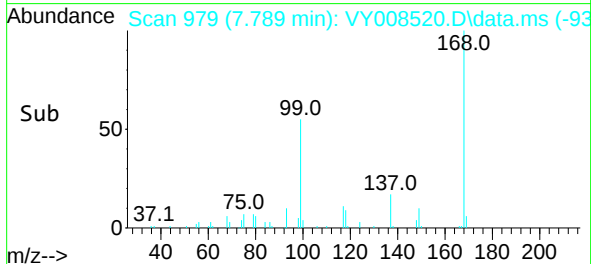
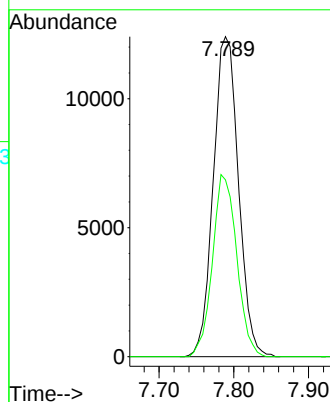
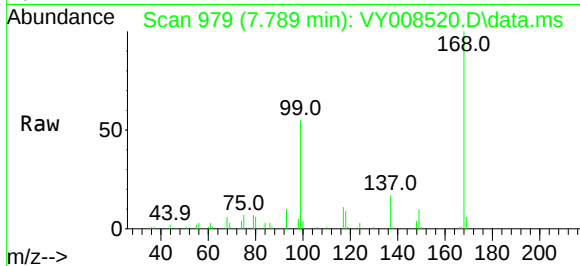




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

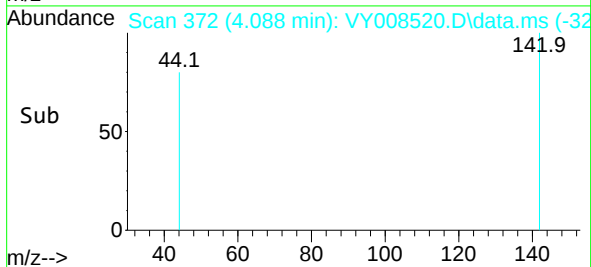
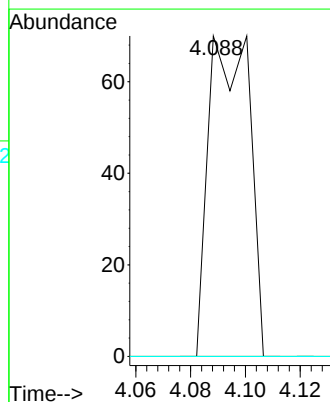
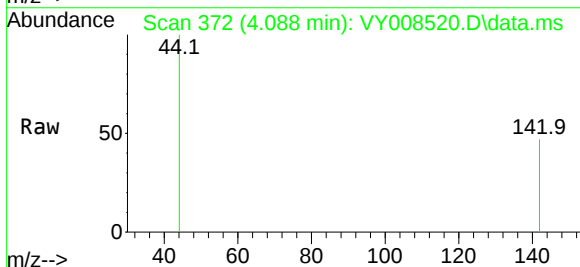
Instrument :
MSVOA_Y
ClientSampleId :
MH-14S

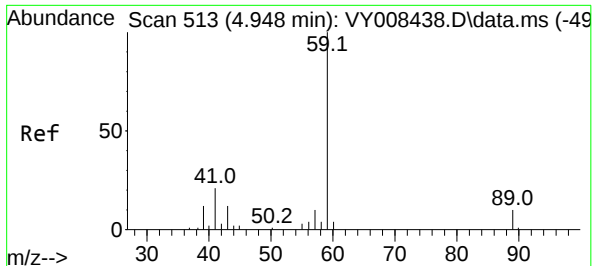
Tgt Ion:168 Resp: 29053
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#10
Methyl Iodide
Concen: 1.851 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

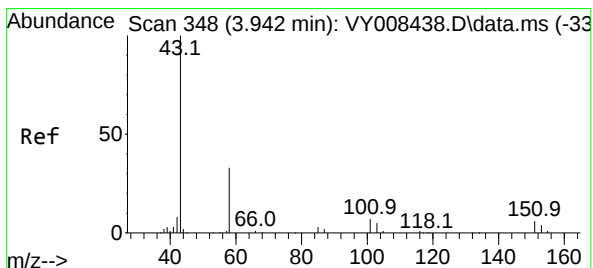
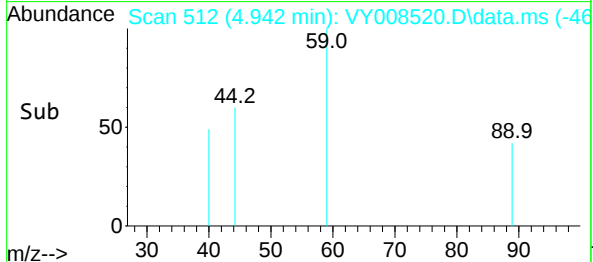
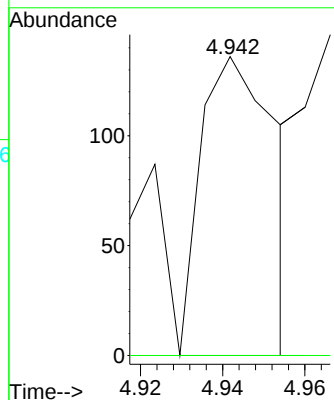
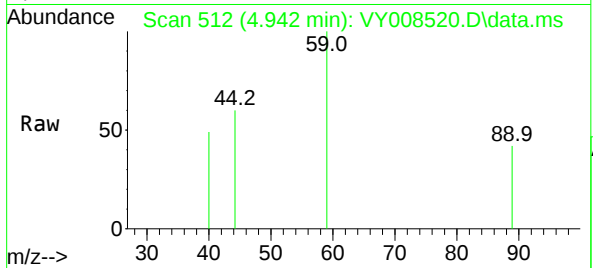




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

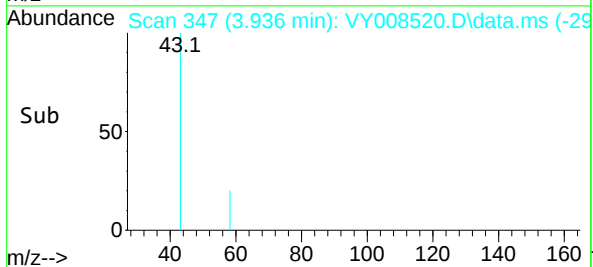
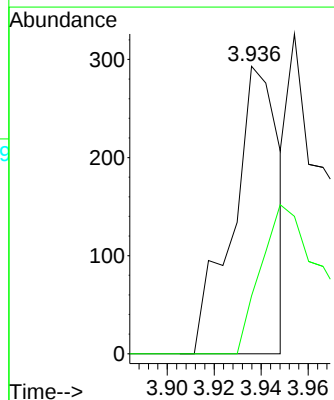
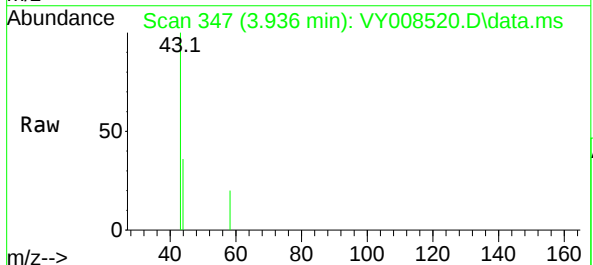
Instrument :
MSVOA_Y
ClientSampleId :
MH-14S

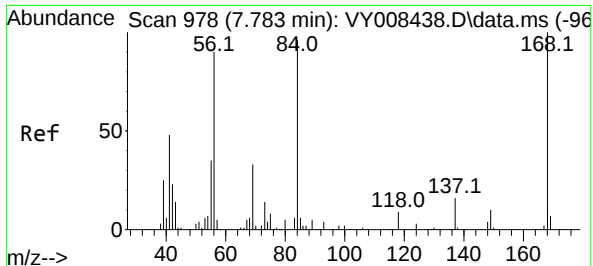
Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 5.036 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
58 20.1 22.0 33.0#

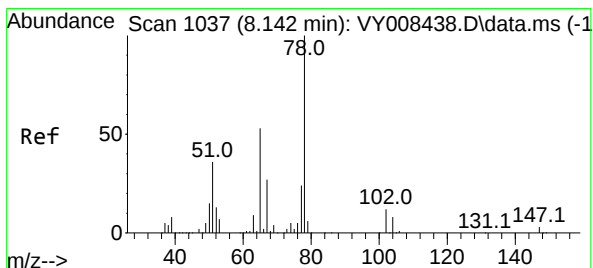
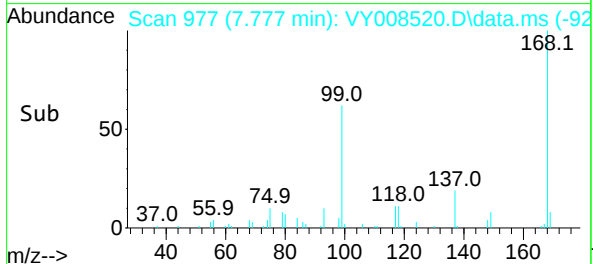
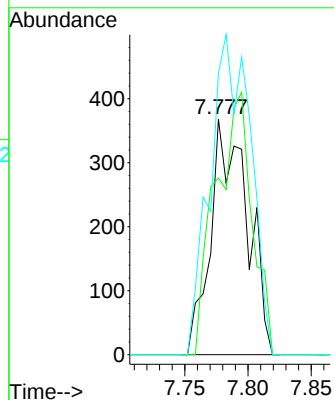
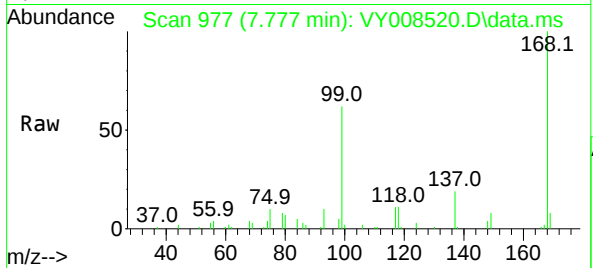




#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

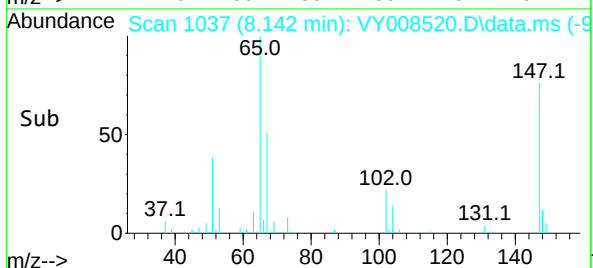
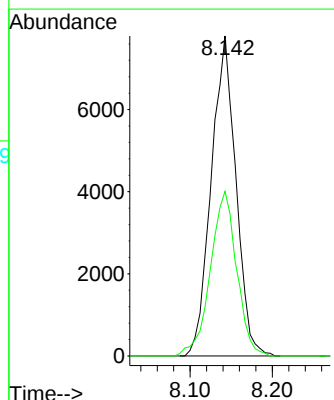
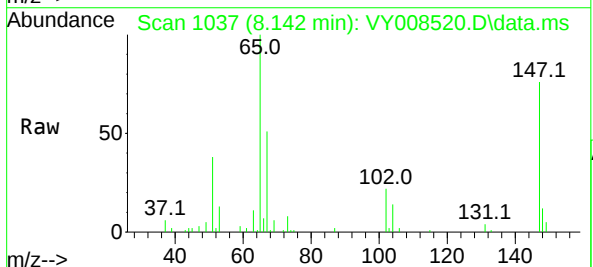
Instrument :
MSVOA_Y
ClientSampleId :
MH-14S

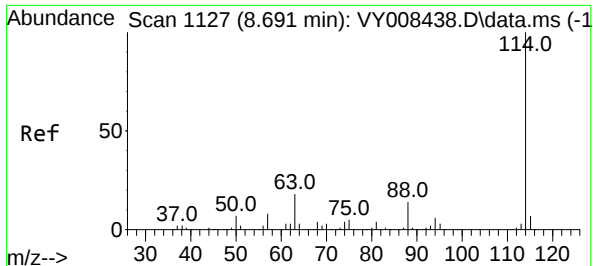
Tgt Ion: 56 Resp: 744
Ion Ratio Lower Upper
56 100
69 75.0 26.7 40.1#
84 119.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 47.557 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion: 65 Resp: 16257
Ion Ratio Lower Upper
65 100
67 54.7 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: VY008520.D

Acq: 27 Apr 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

MH-14S

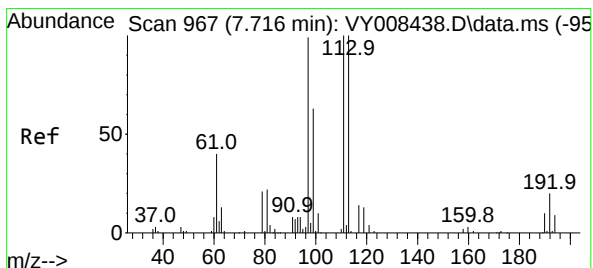
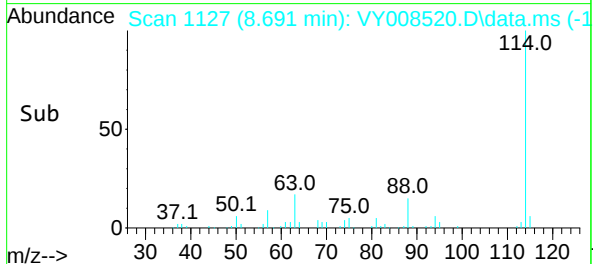
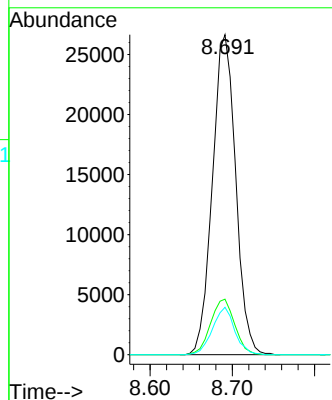
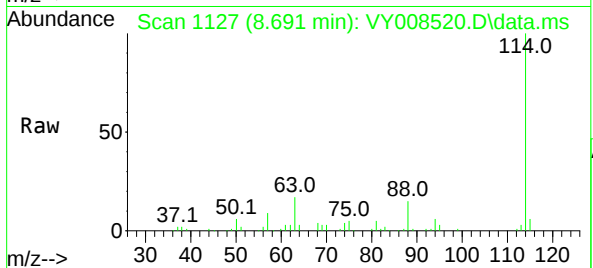
Tgt Ion:114 Resp: 52332

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.493 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008520.D

Acq: 27 Apr 2022 12:27

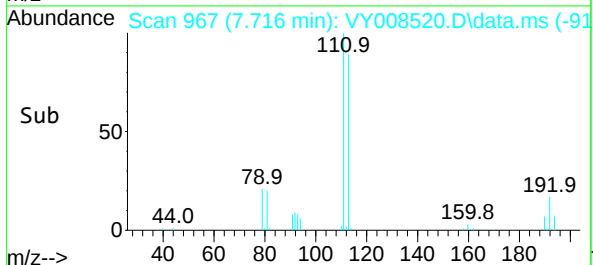
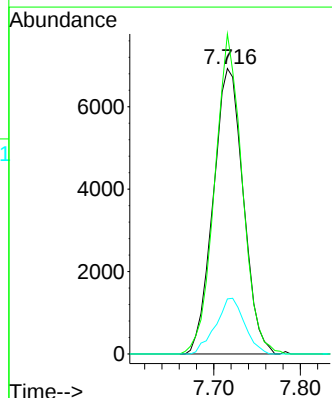
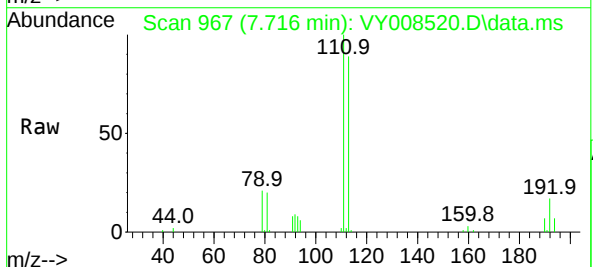
Tgt Ion:113 Resp: 16716

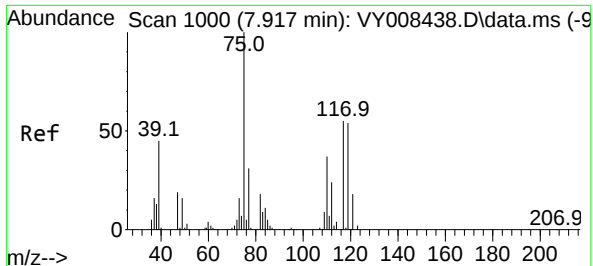
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 18.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.590 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008520.D

Acq: 27 Apr 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

MH-14S

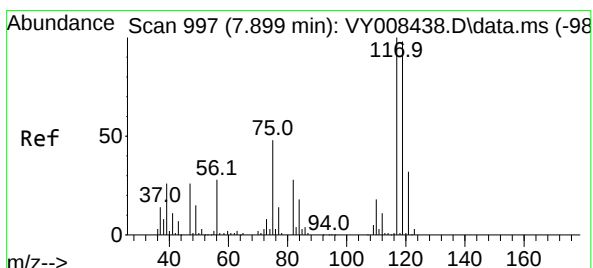
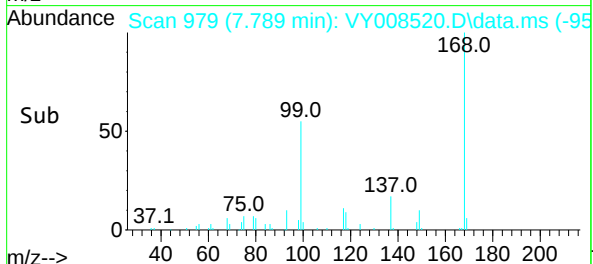
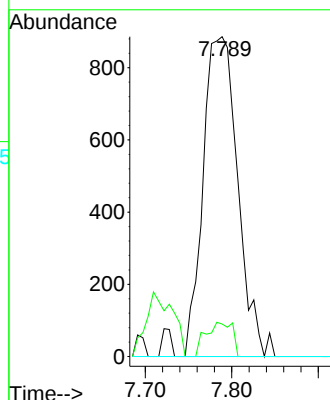
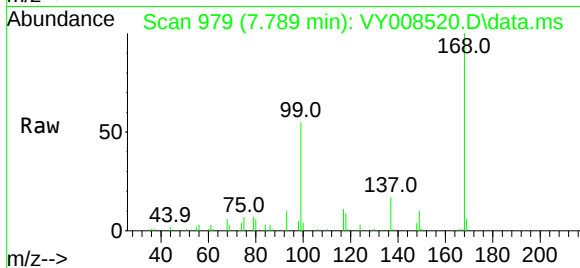
Tgt Ion: 75 Resp: 2466

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.477 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008520.D

Acq: 27 Apr 2022 12:27

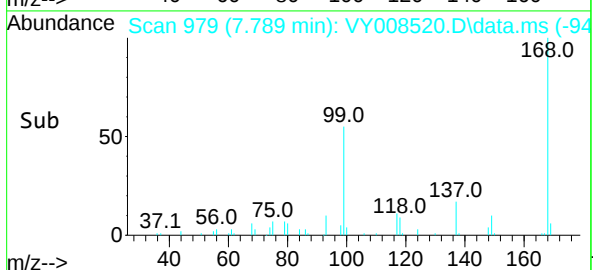
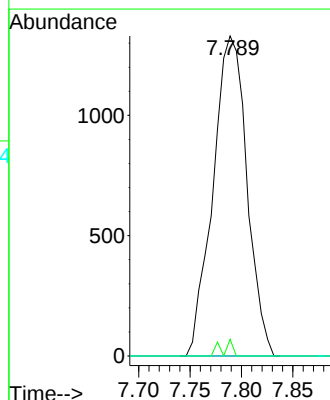
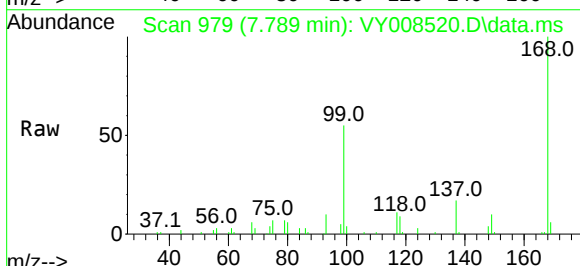
Tgt Ion: 117 Resp: 3057

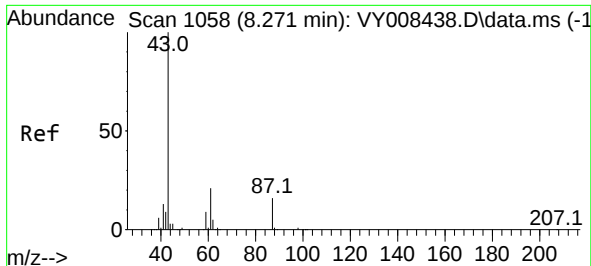
Ion Ratio Lower Upper

117 100

119 5.2 77.9 116.9#

121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 1.292 ug/l

RT: 8.118 min Scan# 1033

Delta R.T. -0.153 min

Lab File: VY008520.D

Acq: 27 Apr 2022 12:27

Instrument :

MSVOA_Y

ClientSampleId :

MH-14S

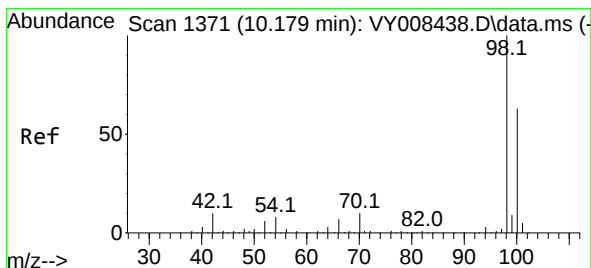
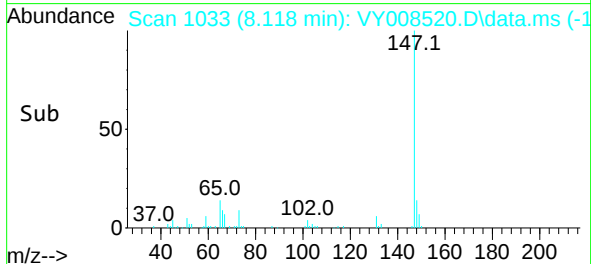
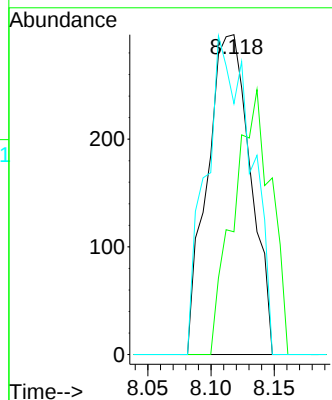
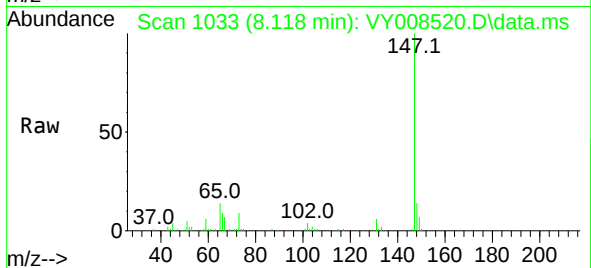
Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 104.2 8.9 13.3#



#50

Toluene-d8

Concen: 46.818 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY008520.D

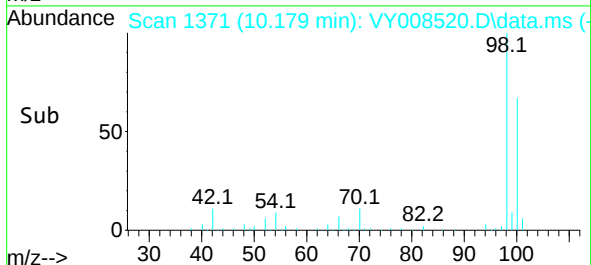
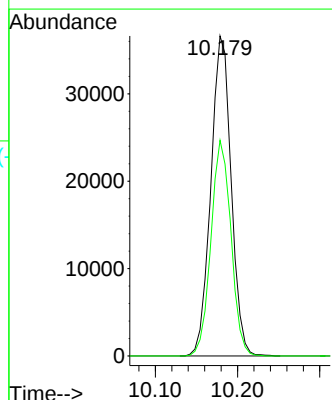
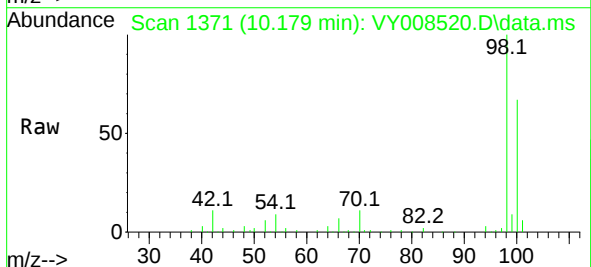
Acq: 27 Apr 2022 12:27

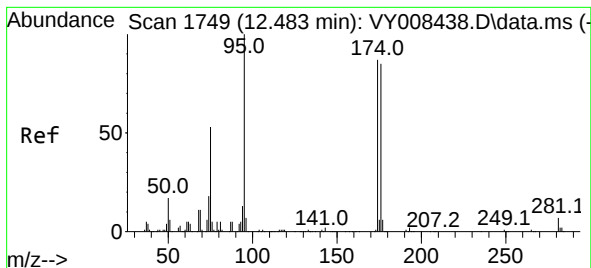
Tgt Ion: 98 Resp: 62821

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.2

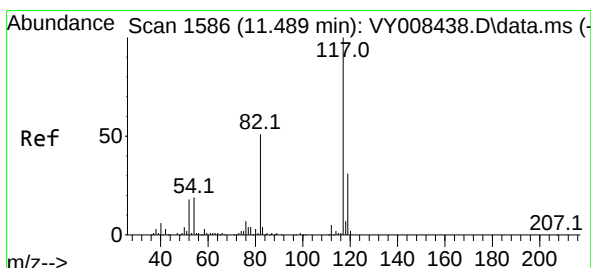
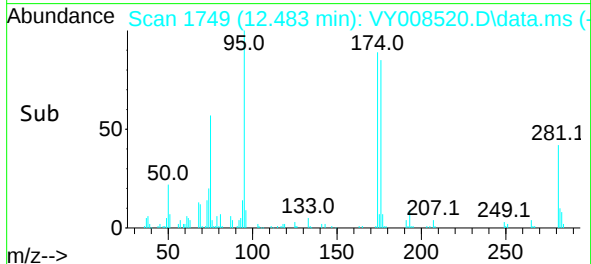
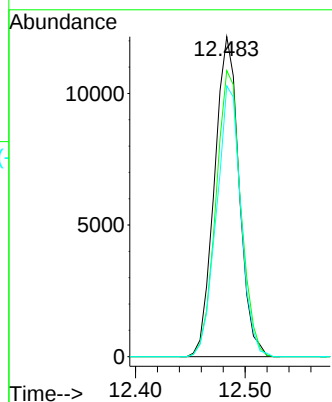
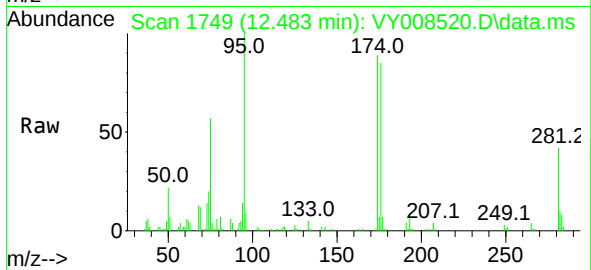




#62
4-Bromofluorobenzene
Concen: 41.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

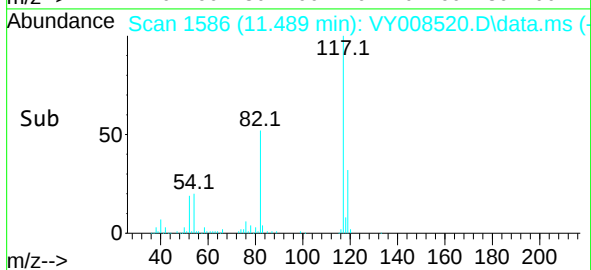
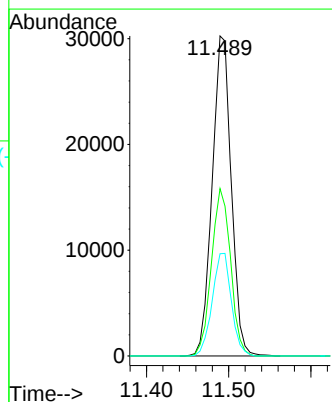
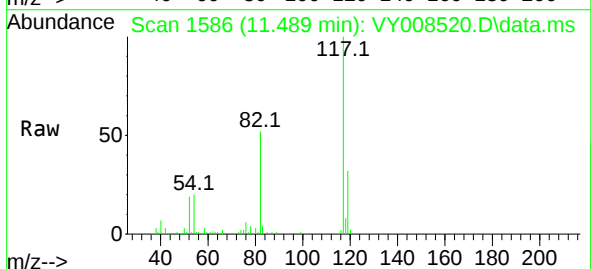
Instrument :
MSVOA_Y
ClientSampleId :
MH-14S

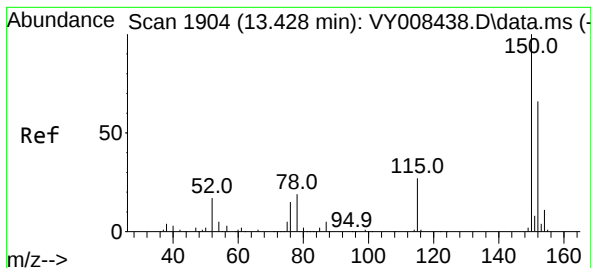
Tgt Ion: 95 Resp: 18985
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 83.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion: 117 Resp: 48746
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.0 25.4 38.0

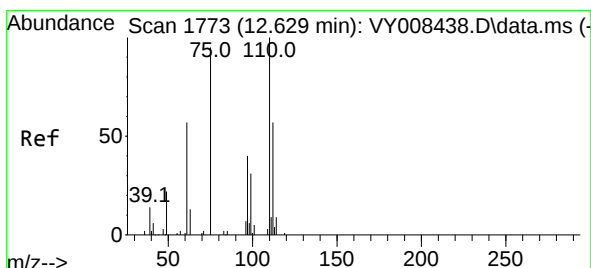
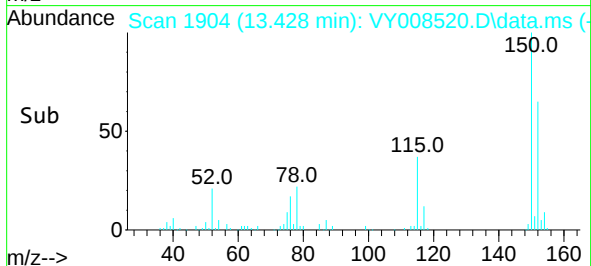
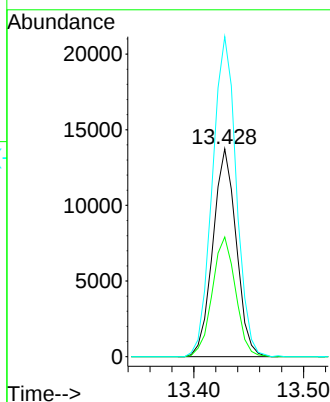
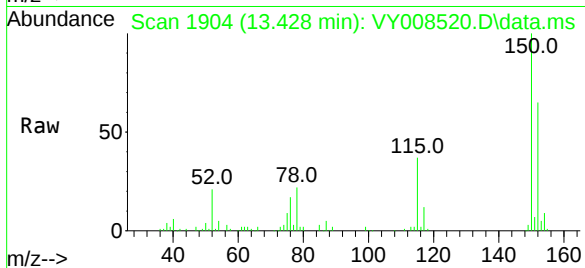




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY008520.D
 Acq: 27 Apr 2022 12:27

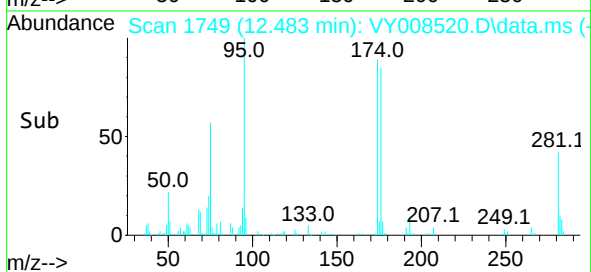
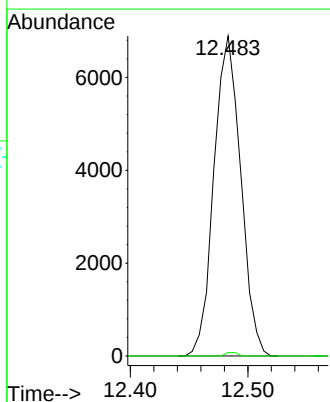
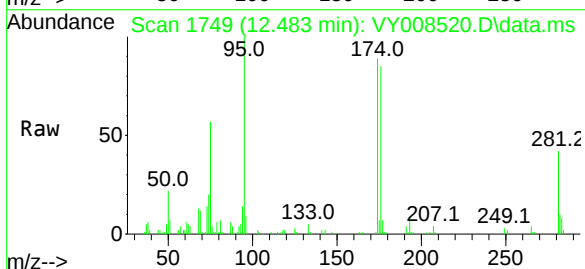
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14S

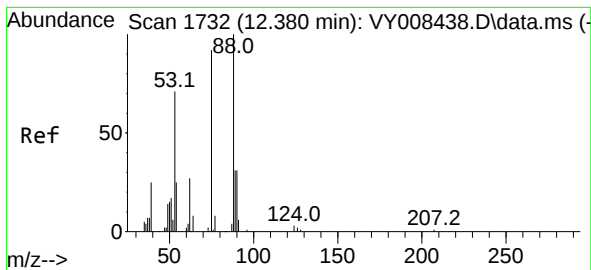
Tgt Ion:152 Resp: 20316
 Ion Ratio Lower Upper
 152 100
 115 57.6 28.2 84.7
 150 158.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.518 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008520.D
 Acq: 27 Apr 2022 12:27

Tgt Ion: 75 Resp: 10916
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.317 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008520.D
 Acq: 27 Apr 2022 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14S

Tgt Ion: 75 Resp: 10916
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

