

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
 Data File : VY008665.D
 Acq On : 09 May 2022 17:05
 Operator : KP/MD
 Sample : N2619-05RE
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-1-2-FT

Quant Time: May 10 03:23:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

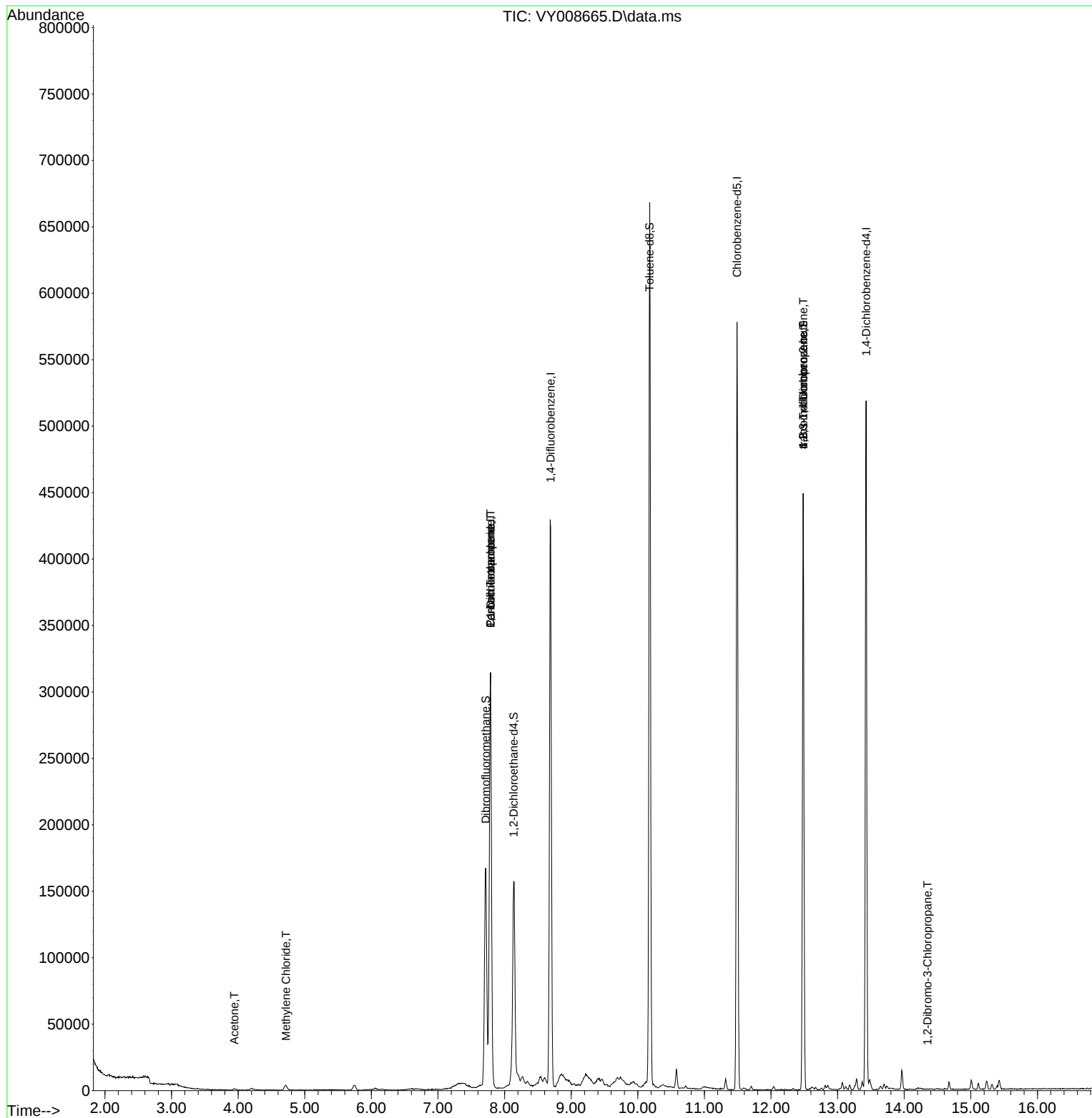
Internal Standards						
1) Pentafluorobenzene	7.789	168	263243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	338387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111565	49.461	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.920%		
35) Dibromofluoromethane	7.716	113	118092	47.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.520%		
50) Toluene-d8	10.179	98	450848	51.739	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.480%		
62) 4-Bromofluorobenzene	12.483	95	134564	42.924	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	401	Below Cal	#	77
16) Acetone	3.942	43	1557	2.926	ug/l #	86
18) Methyl Acetate	4.479	43	411	Below Cal	#	56
20) Methylene Chloride	4.716	84	3352	1.037	ug/l #	64
36) 1,1-Dichloropropene	7.789	75	17474	4.398	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23363	5.814	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	64136	40.361	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64136	80.300	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.349	75	349	1.046	ug/l #	21

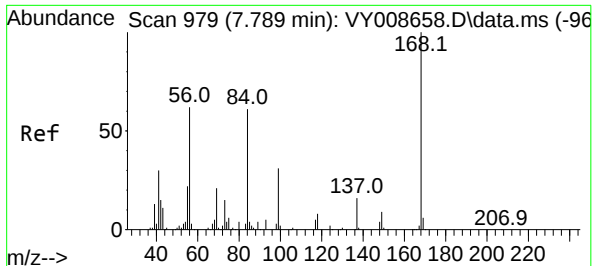
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050922\
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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

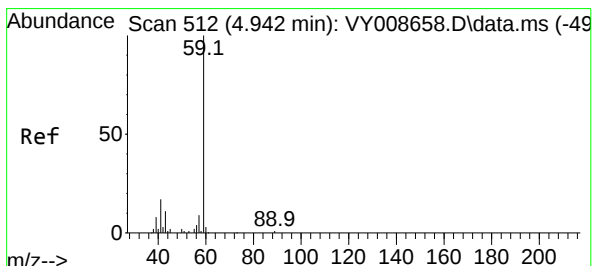
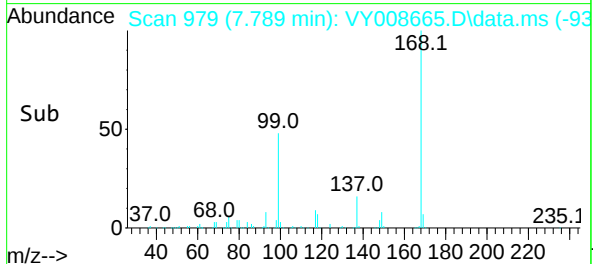
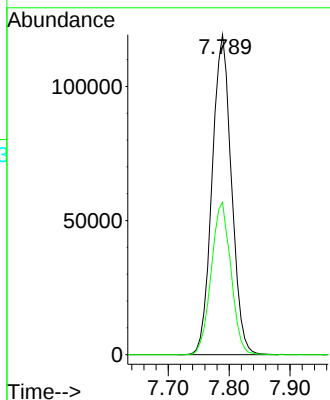
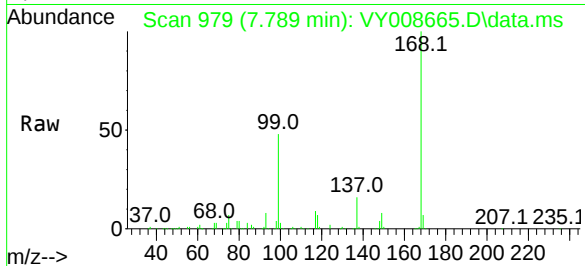




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

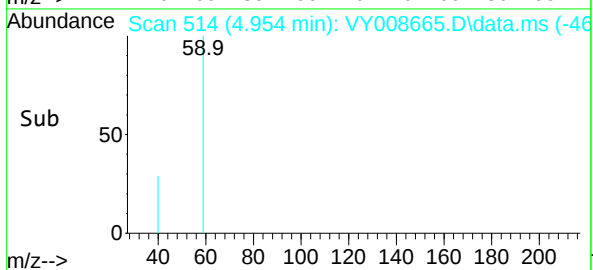
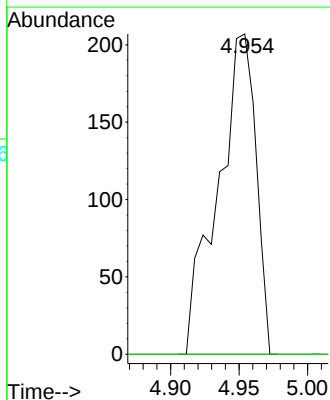
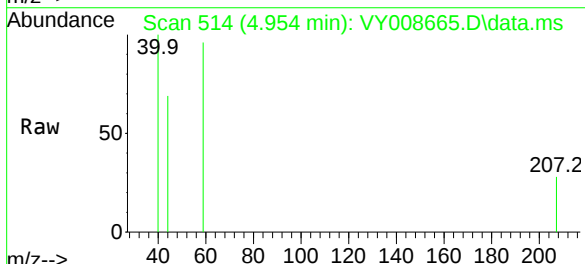
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

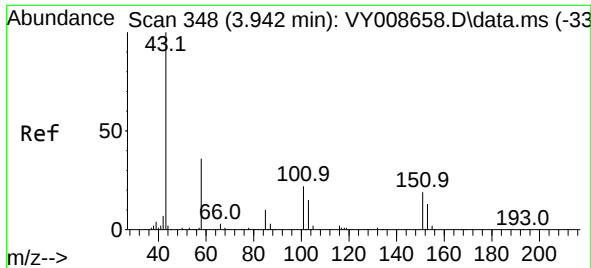
Tgt Ion:168 Resp: 263243
Ion Ratio Lower Upper
168 100
99 47.6 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

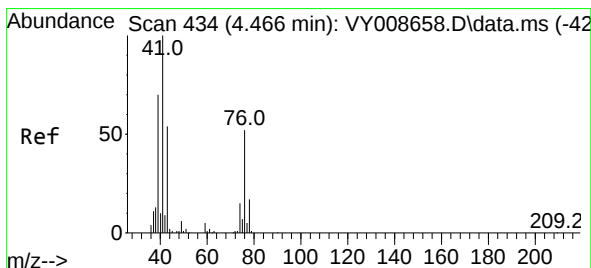
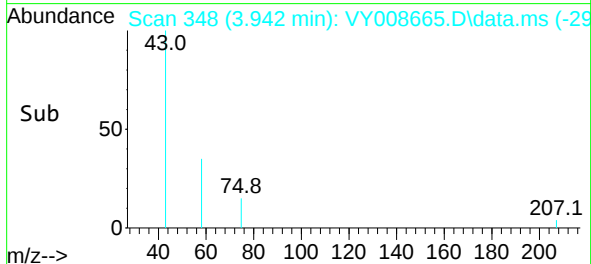
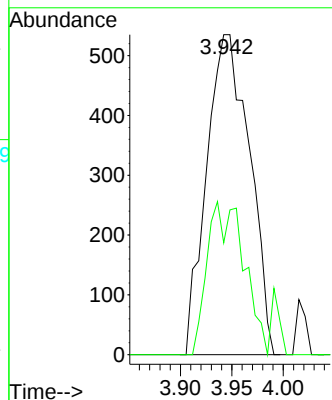
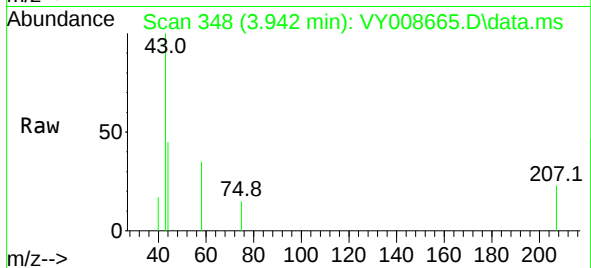




#16
Acetone
Concen: 2.926 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

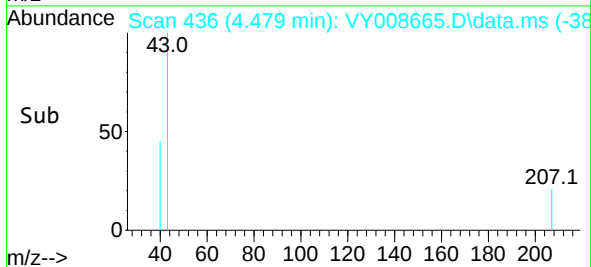
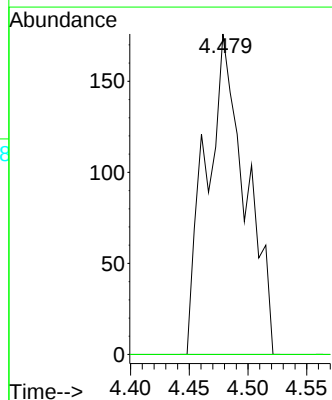
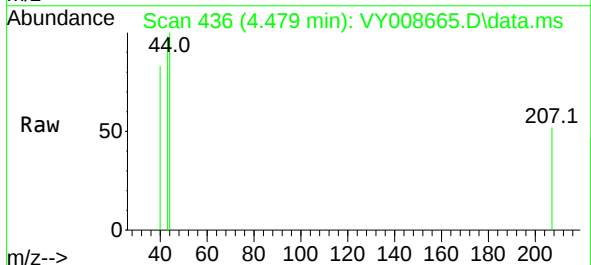
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

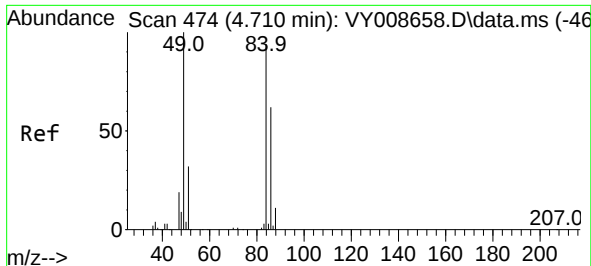
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
58 35.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

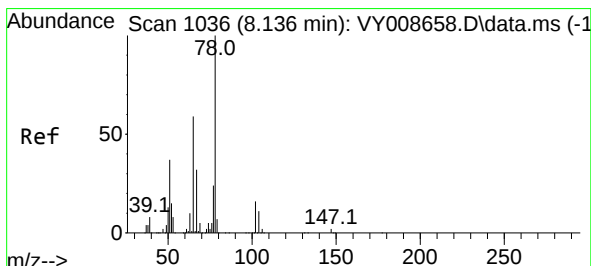
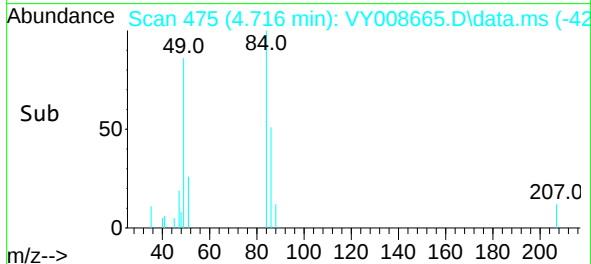
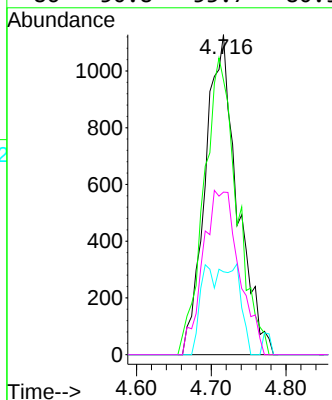
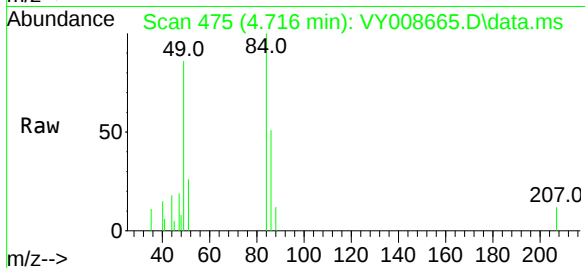




#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

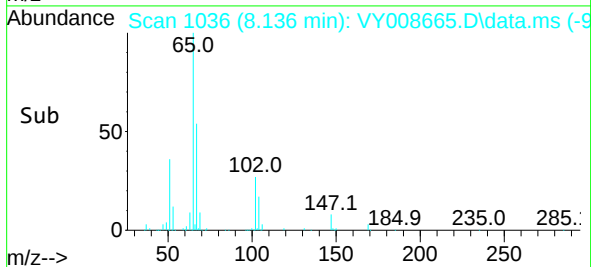
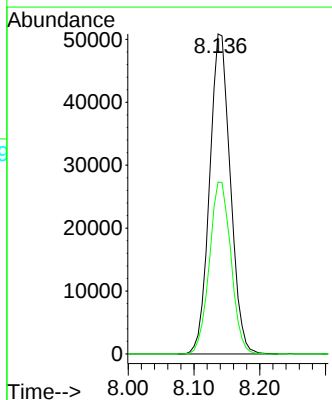
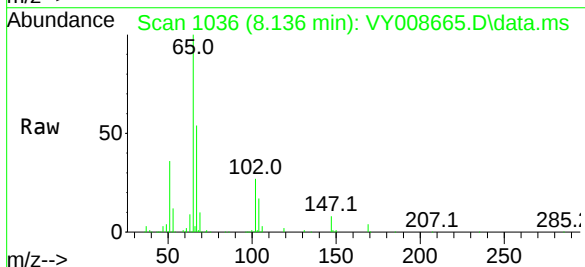
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

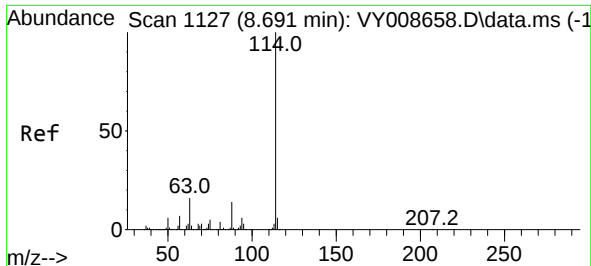
Tgt Ion: 84 Resp: 3352
Ion Ratio Lower Upper
84 100
49 85.8 114.4 171.6#
51 25.9 35.3 52.9#
86 50.8 53.7 80.5#



#33
1,2-Dichloroethane-d4
Concen: 49.461 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion: 65 Resp: 111565
Ion Ratio Lower Upper
65 100
67 55.7 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: VY008665.D

Acq: 09 May 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SS03-1-2-FT

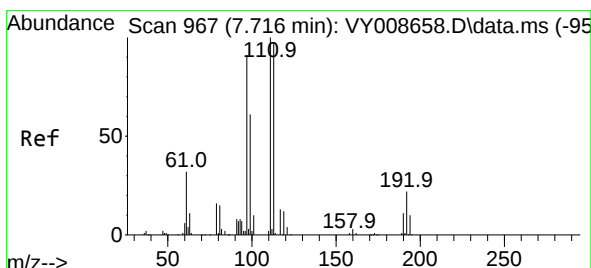
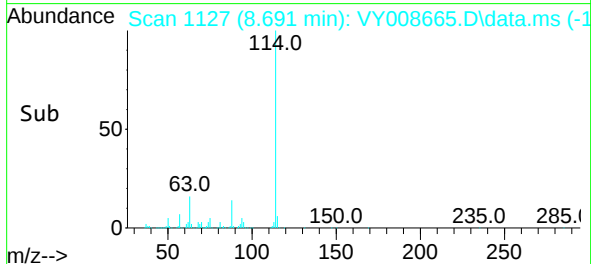
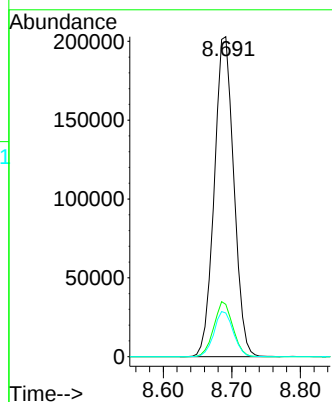
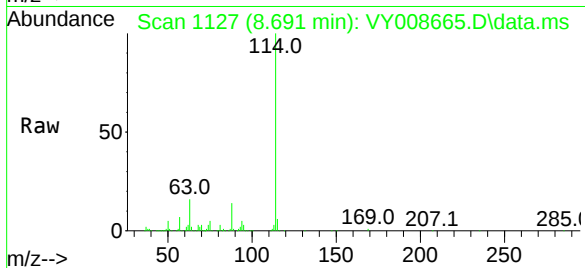
Tgt Ion:114 Resp: 401260

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.758 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008665.D

Acq: 09 May 2022 17:05

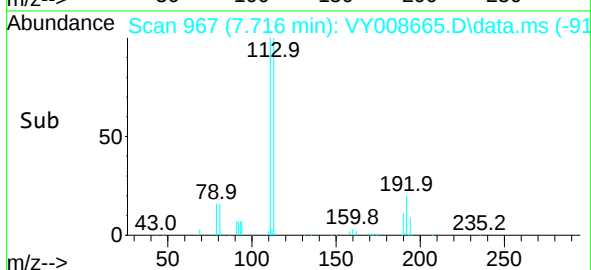
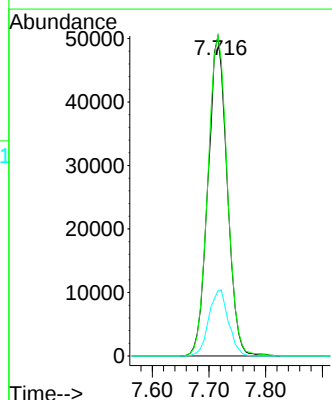
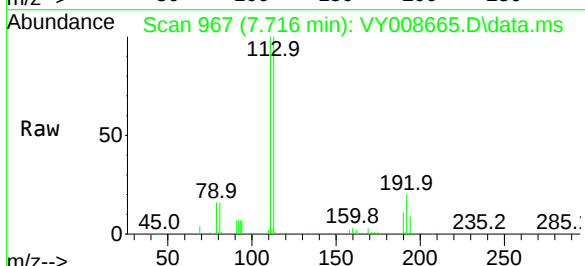
Tgt Ion:113 Resp: 118092

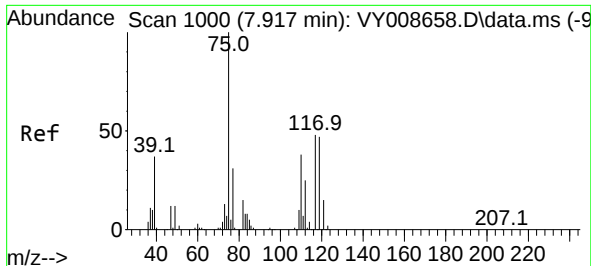
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 21.1 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.398 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008665.D

Acq: 09 May 2022 17:05

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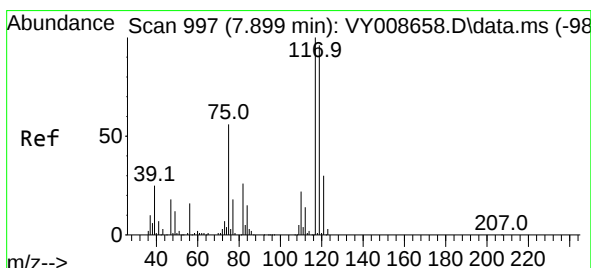
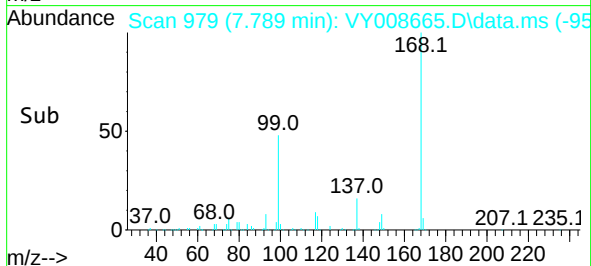
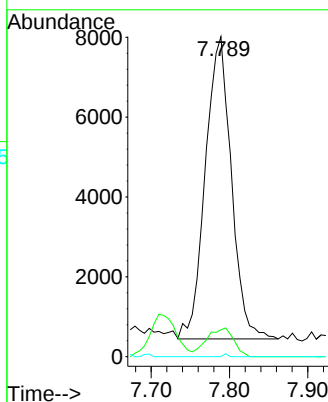
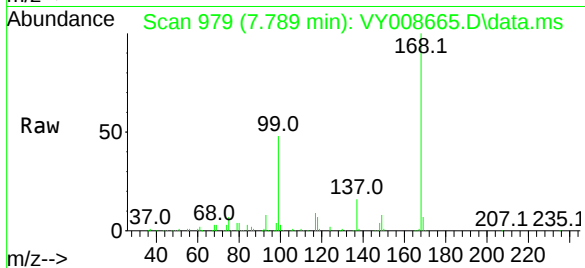
Tgt Ion: 75 Resp: 17474

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.2 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.814 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008665.D

Acq: 09 May 2022 17:05

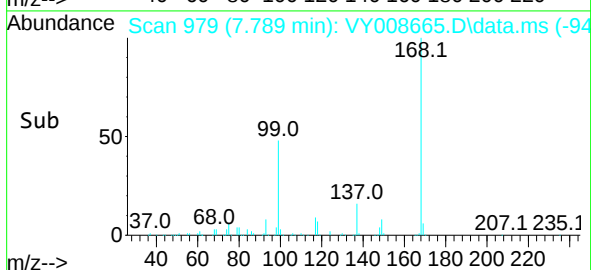
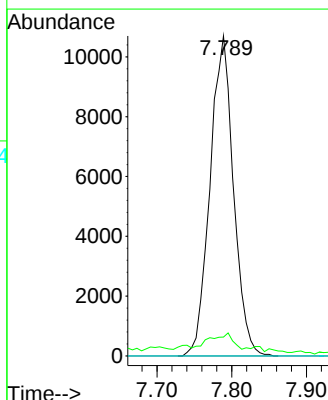
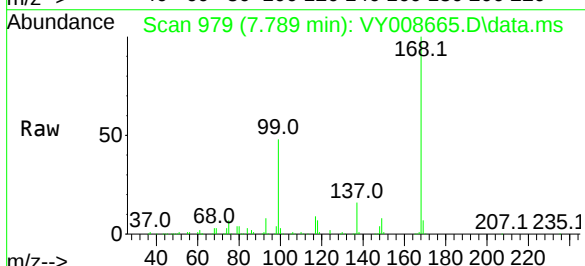
Tgt Ion: 117 Resp: 23363

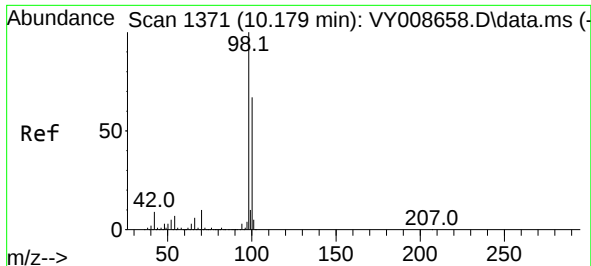
Ion Ratio Lower Upper

117 100

119 4.3 77.9 116.9#

121 0.0 24.8 37.2#

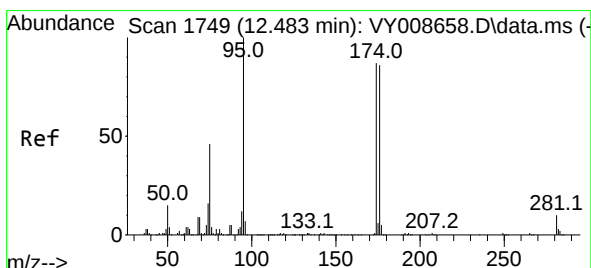
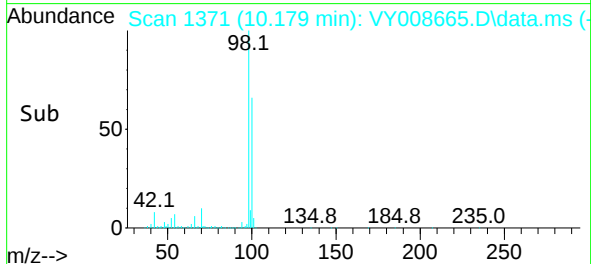
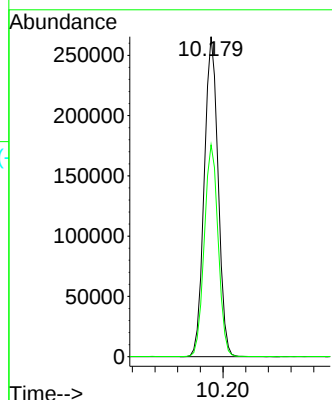
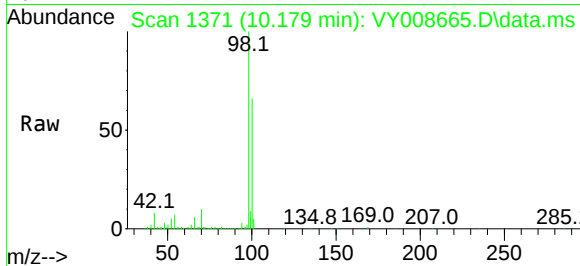




#50
Toluene-d8
Concen: 51.739 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

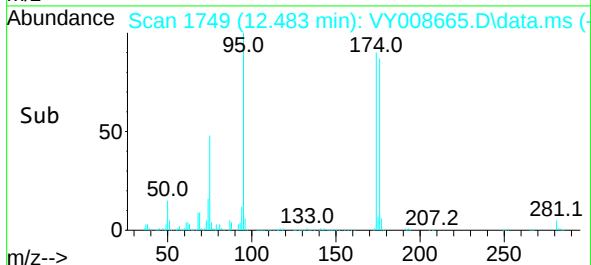
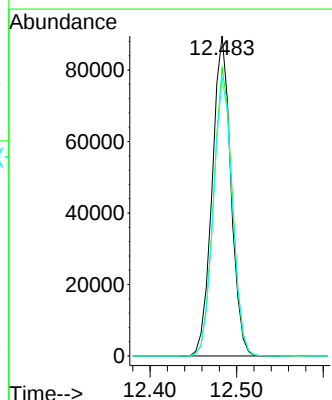
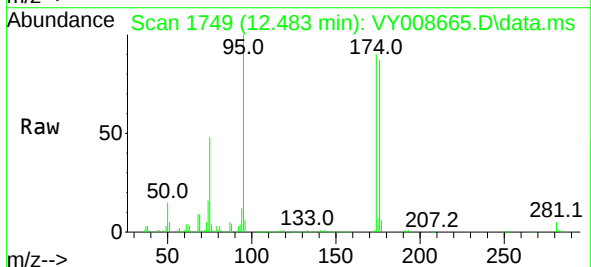
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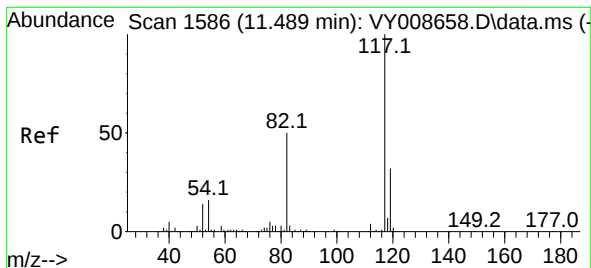
Tgt Ion: 98 Resp: 450848
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

Tgt Ion: 95 Resp: 134564
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 88.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY008665.D

Acq: 09 May 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

SS03-1-2-FT

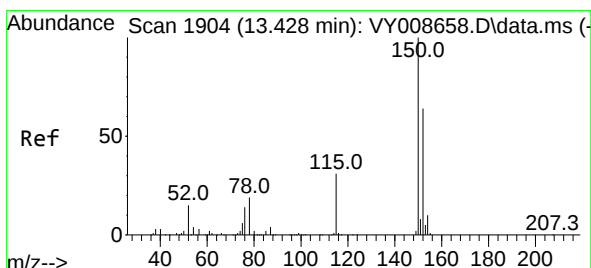
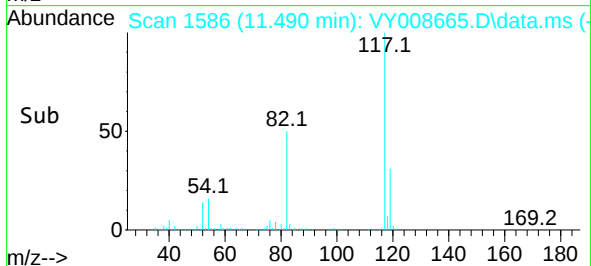
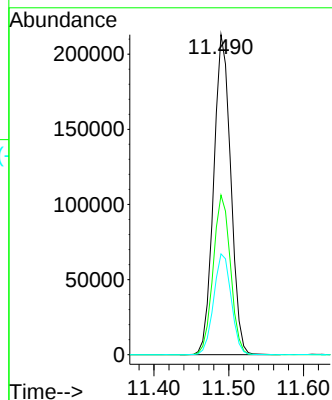
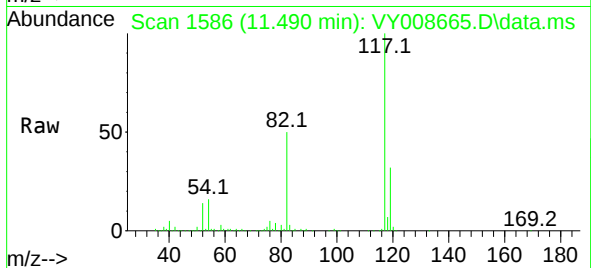
Tgt Ion:117 Resp: 338387

Ion Ratio Lower Upper

117 100

82 49.9 43.0 64.4

119 31.5 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: VY008665.D

Acq: 09 May 2022 17:05

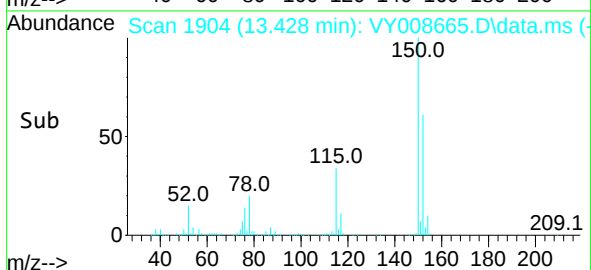
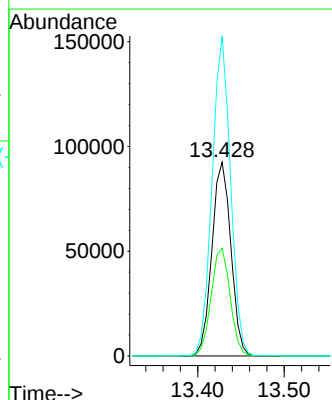
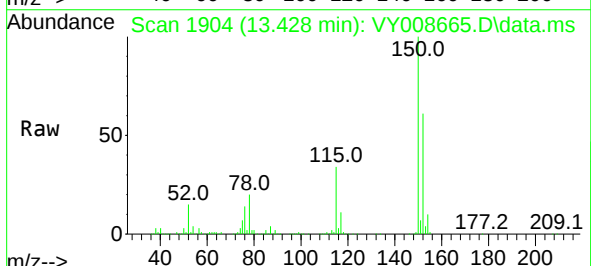
Tgt Ion:152 Resp: 140966

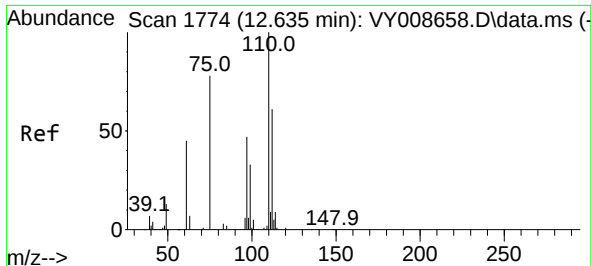
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 160.1 0.0 347.6

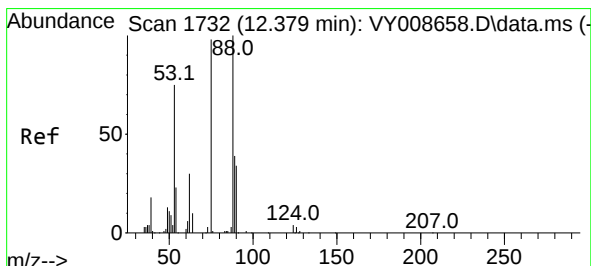
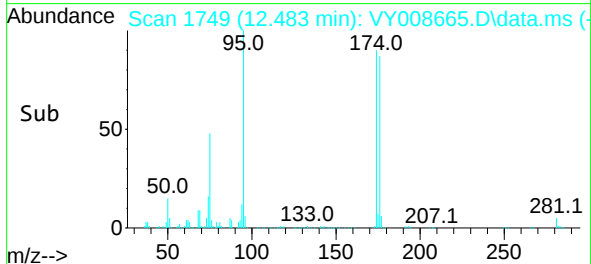
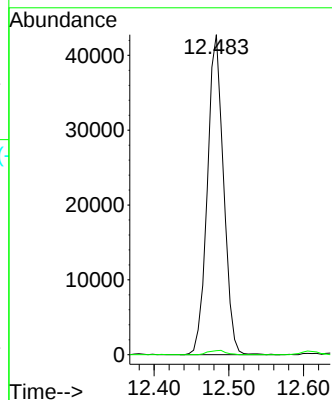
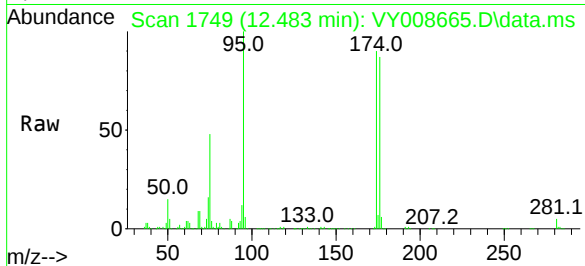




#76
1,2,3-Trichloropropane
Concen: 40.361 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

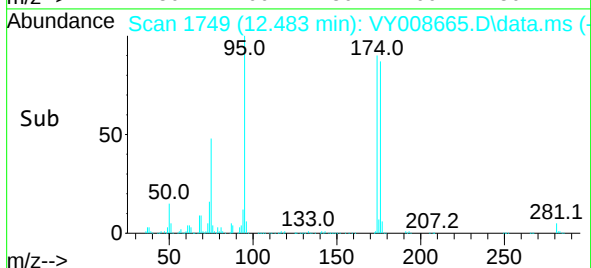
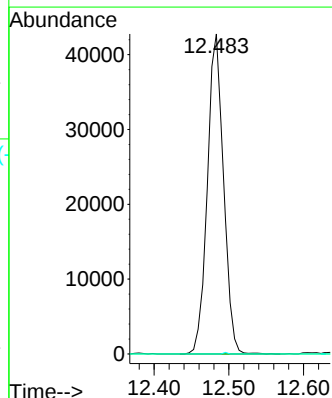
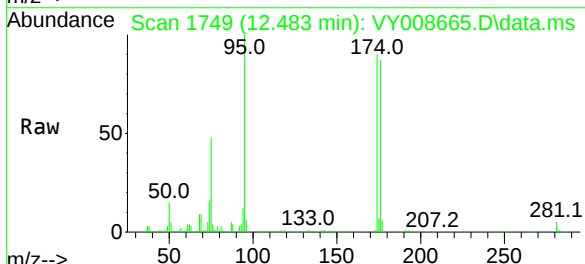
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

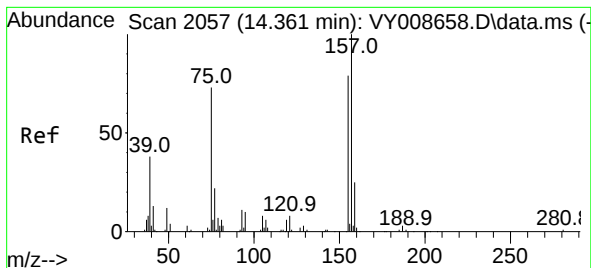
Tgt Ion: 75 Resp: 64136
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.300 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008665.D
Acq: 09 May 2022 17:05

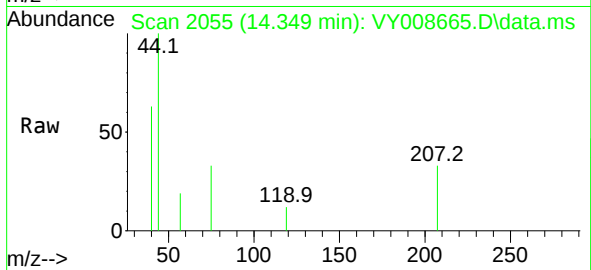
Tgt Ion: 75 Resp: 64136
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.046 ug/l
 RT: 14.349 min Scan# 2055
 Delta R.T. -0.012 min
 Lab File: VY008665.D
 Acq: 09 May 2022 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-1-2-FT



Tgt Ion: 75 Resp: 349
 Ion Ratio Lower Upper
 75 100
 155 6.6 38.0 113.9#
 157 19.5 47.8 143.3#

