

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013135.D
 Acq On : 29 Mar 2023 17:22
 Operator : KP/MD
 Sample : 02126-03
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-C

Quant Time: Mar 29 23:33:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

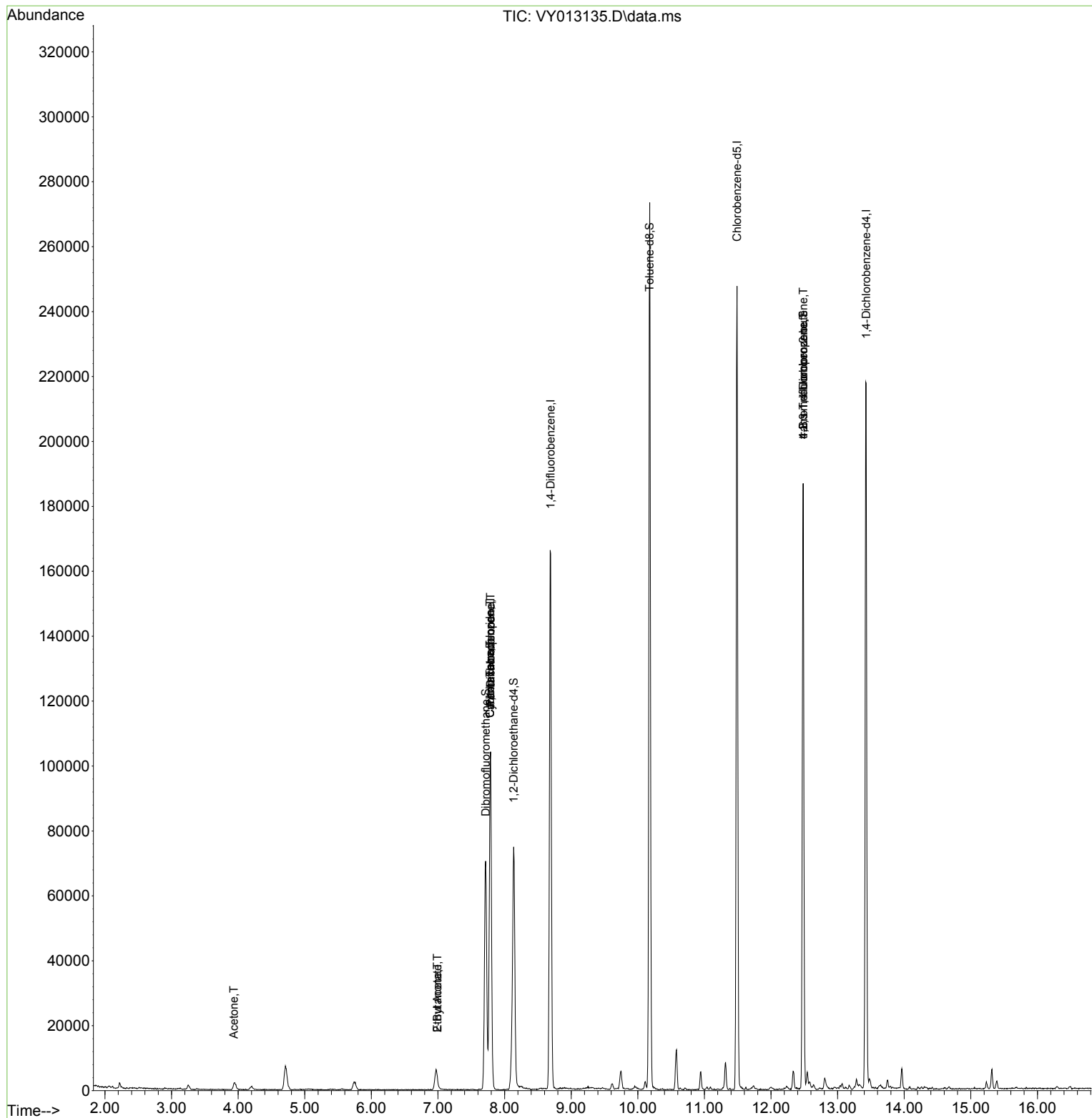
Internal Standards						
1) Pentafluorobenzene	7.789	168	80927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	140021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	53545	66.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.280%	
35) Dibromofluoromethane	7.716	113	49543	58.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.260%	
50) Toluene-d8	10.179	98	170491	55.189	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	12.483	95	51404	49.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	53	Below Cal	#	74
16) Acetone	3.936	43	4047	12.832	ug/l	98
20) Methylene Chloride	4.704	84	5065	Below Cal		91
25) 2-Butanone	6.990	43	1127	2.885	ug/l #	49
31) Cyclohexane	7.783	56	1762	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6457	4.560	ug/l #	49
37) Ethyl Acetate	6.990	43	1127	1.263	ug/l #	73
38) Carbon Tetrachloride	7.783	117	8207	5.612	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	27662	40.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27662	83.637	ug/l #	13

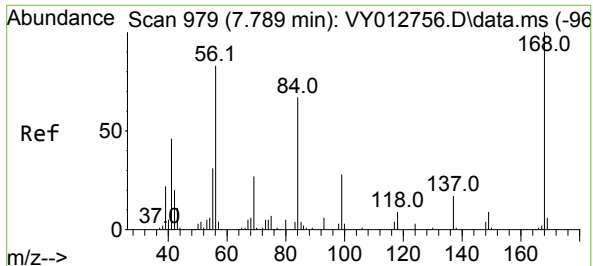
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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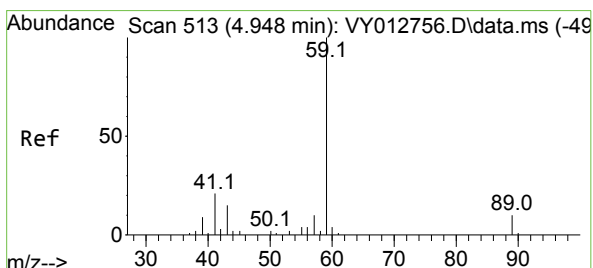
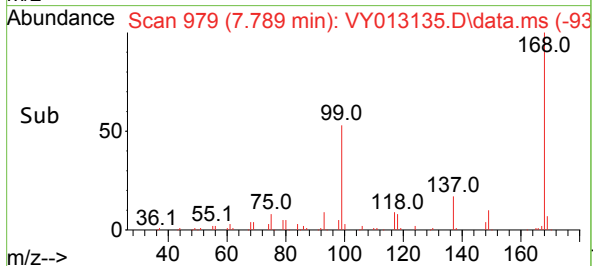
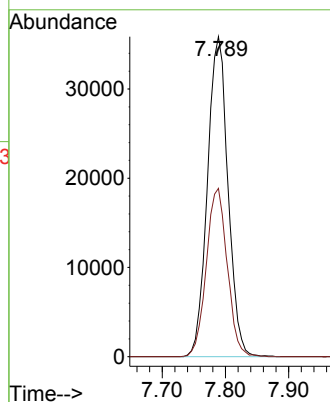
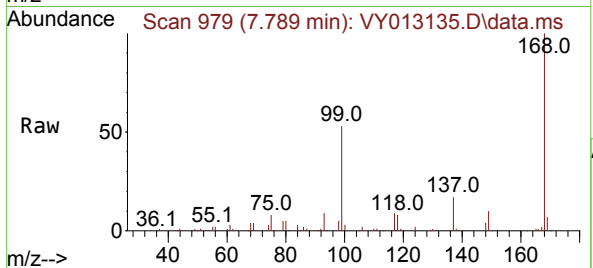




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

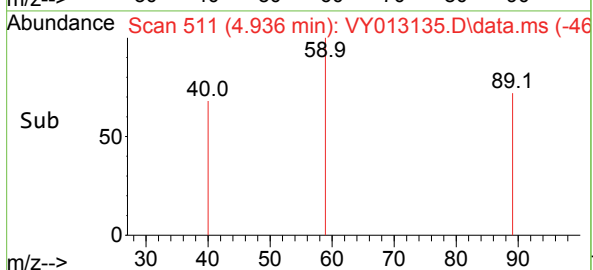
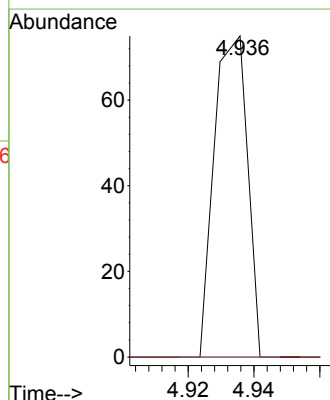
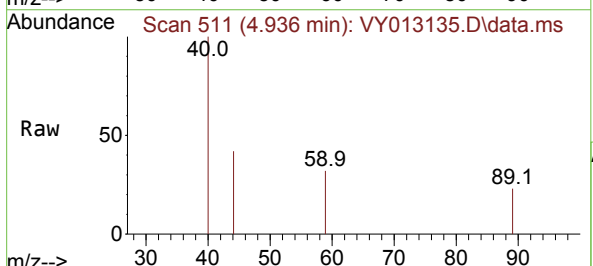
Instrument :
MSVOA_Y
ClientSampleId :
RS-C

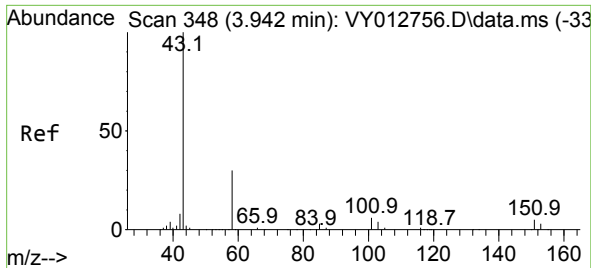
Tgt Ion:168 Resp: 80927
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

Tgt Ion: 59 Resp: 53
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 12.832 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY013135.D

Acq: 29 Mar 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

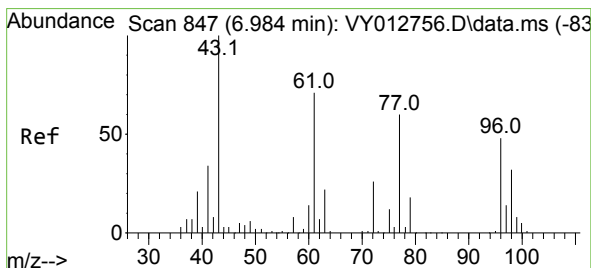
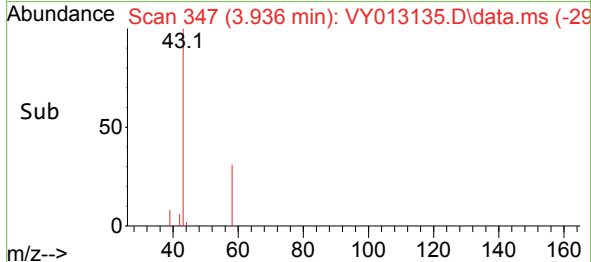
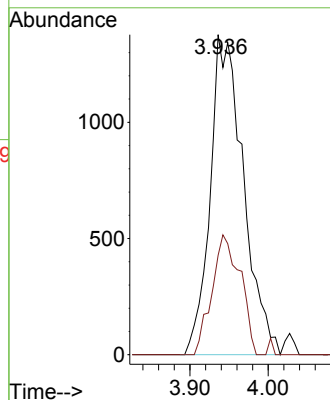
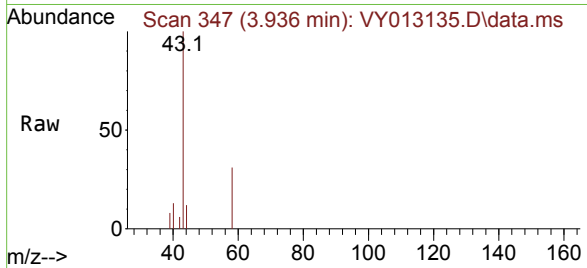
RS-C

Tgt Ion: 43 Resp: 4047

Ion Ratio Lower Upper

43 100

58 31.1 24.2 36.2



#25

2-Butanone

Concen: 2.885 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY013135.D

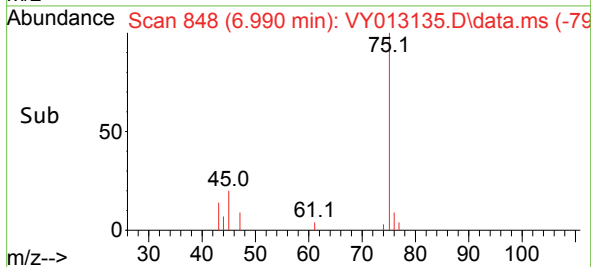
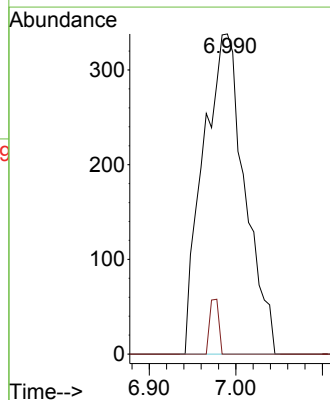
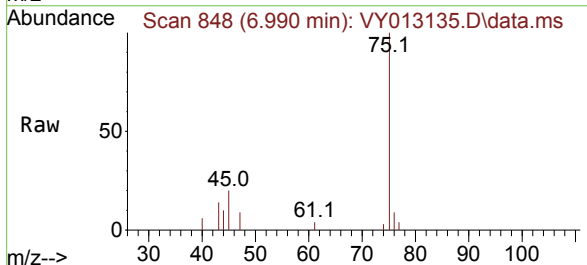
Acq: 29 Mar 2023 17:22

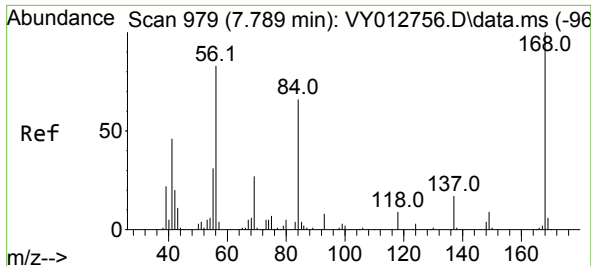
Tgt Ion: 43 Resp: 1127

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#

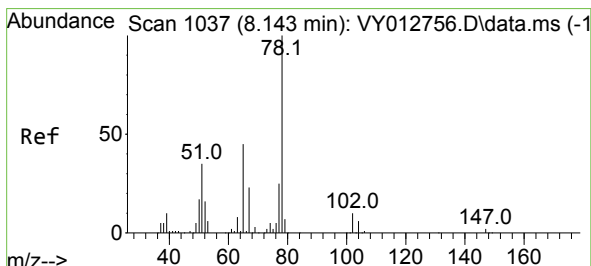
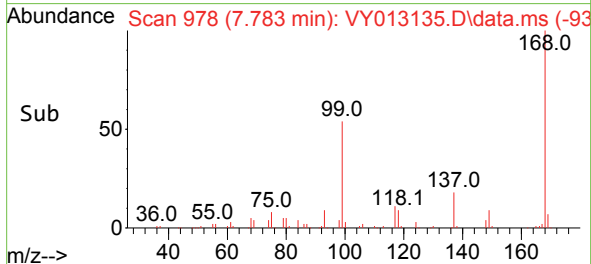
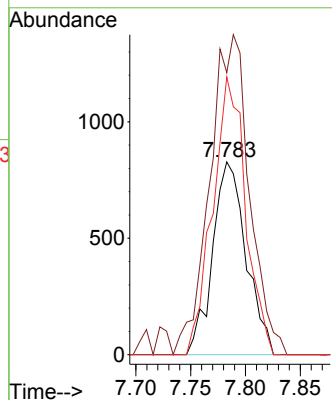
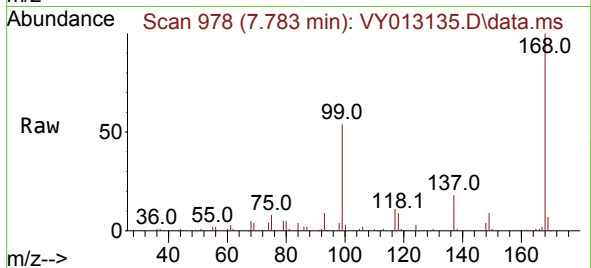




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

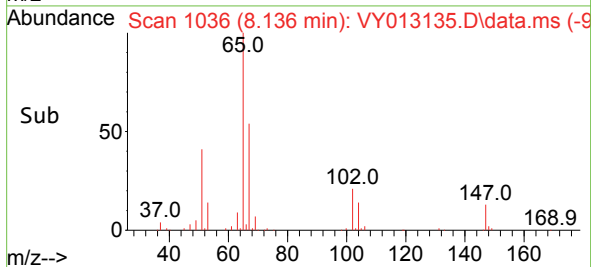
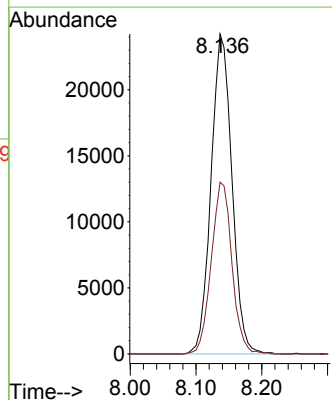
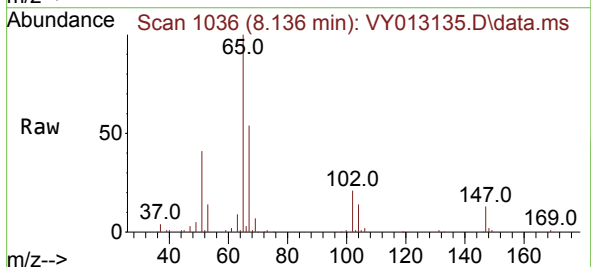
Instrument :
MSVOA_Y
ClientSampleId :
RS-C

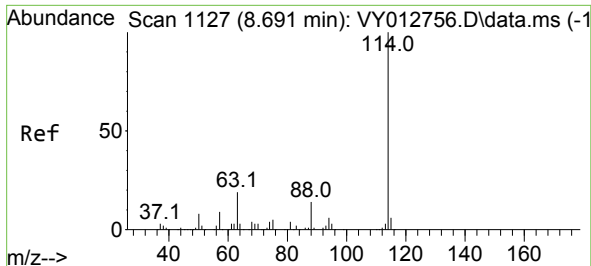
Tgt Ion: 56 Resp: 1762
Ion Ratio Lower Upper
56 100
69 137.3 25.7 38.5#
84 144.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 66.640 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

Tgt Ion: 65 Resp: 53545
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013135.D

Acq: 29 Mar 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

RS-C

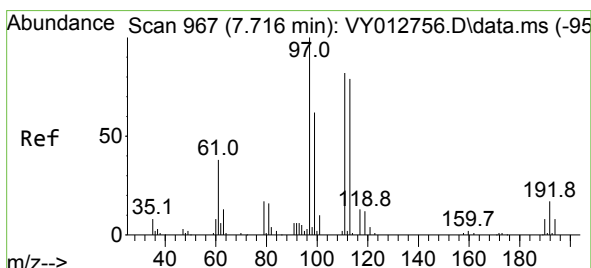
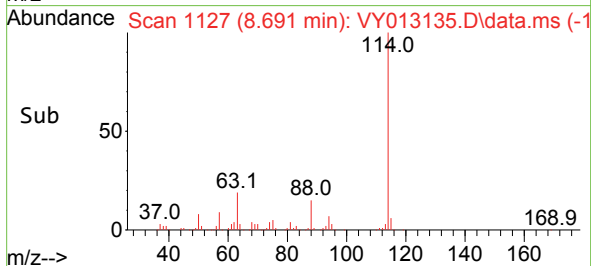
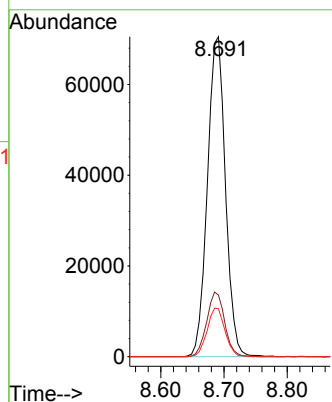
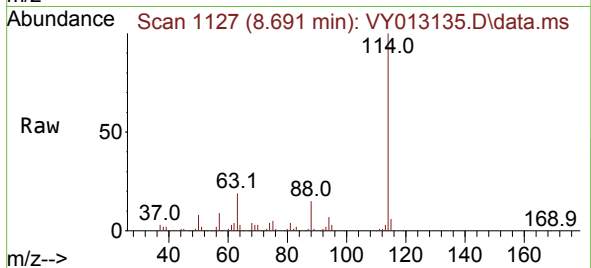
Tgt Ion:114 Resp: 140021

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 58.629 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013135.D

Acq: 29 Mar 2023 17:22

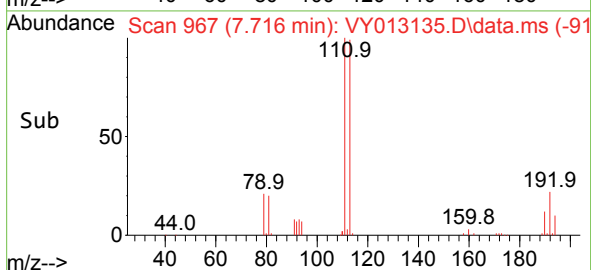
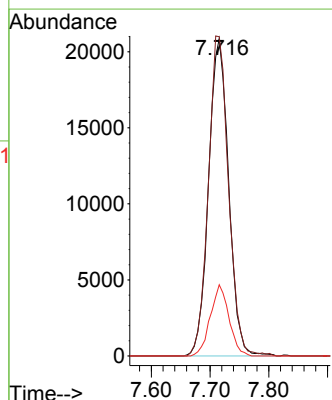
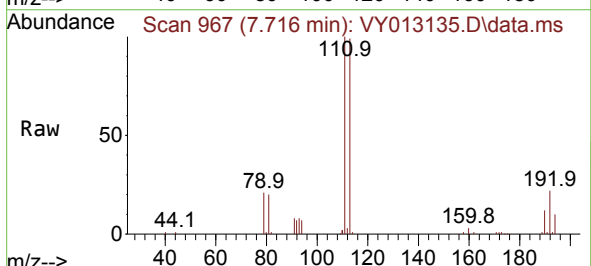
Tgt Ion:113 Resp: 49543

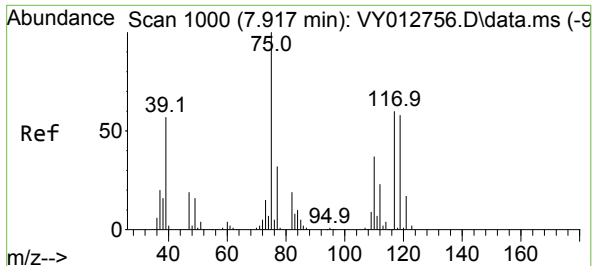
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 20.9 16.8 25.2

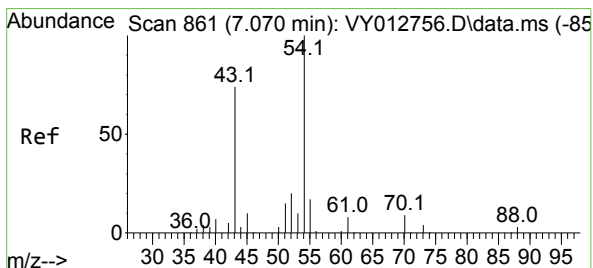
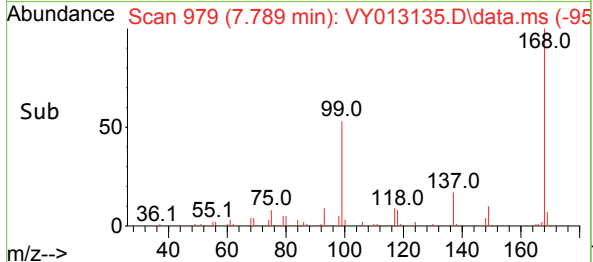
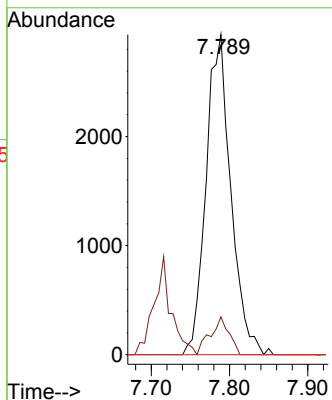
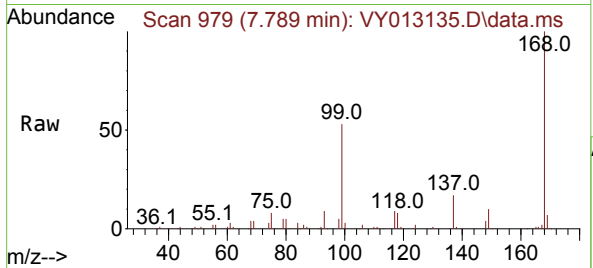




#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY013135.D
 Acq: 29 Mar 2023 17:22

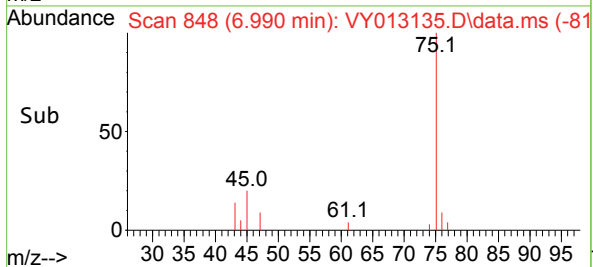
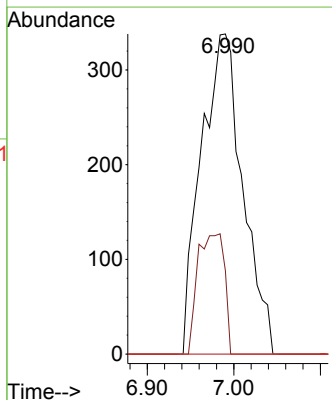
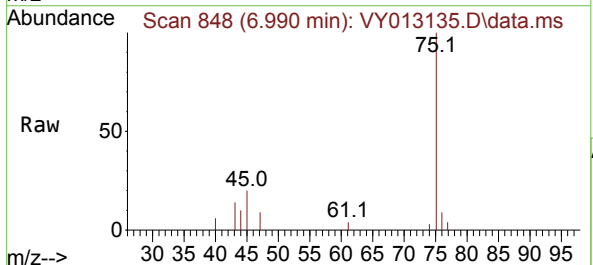
Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-C

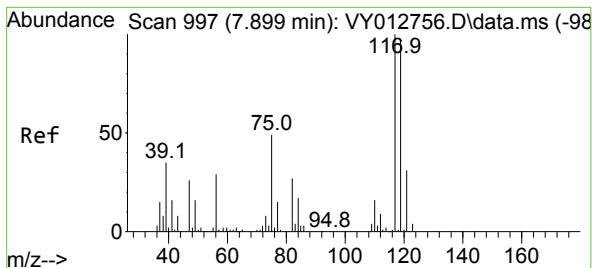
Tgt Ion: 75 Resp: 6457
 Ion Ratio Lower Upper
 75 100
 110 8.9 17.8 53.3#
 77 0.0 25.0 37.4#



#37
 Ethyl Acetate
 Concen: 1.263 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.079 min
 Lab File: VY013135.D
 Acq: 29 Mar 2023 17:22

Tgt Ion: 43 Resp: 1127
 Ion Ratio Lower Upper
 43 100
 61 24.1 10.7 16.1#
 70 0.0 7.8 11.8#





#38

Carbon Tetrachloride

Concen: 5.612 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY013135.D

Acq: 29 Mar 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

RS-C

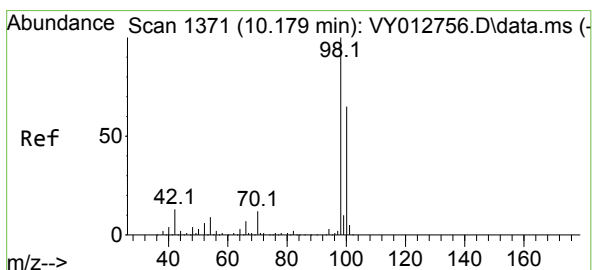
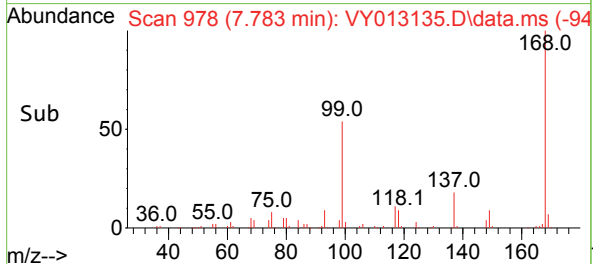
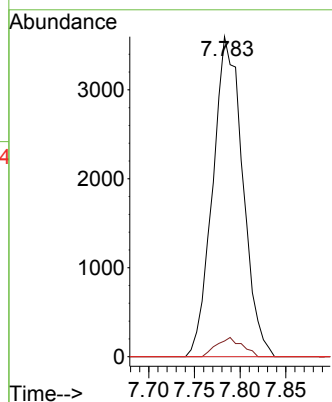
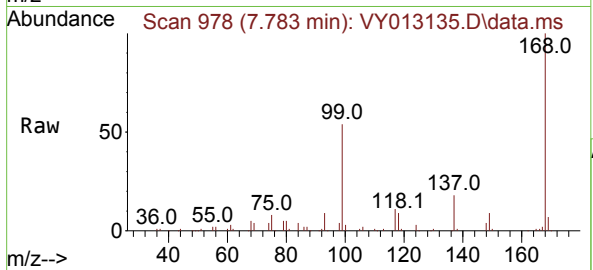
Tgt Ion:117 Resp: 8207

Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

121 0.0 24.7 37.1#



#50

Toluene-d8

Concen: 55.189 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013135.D

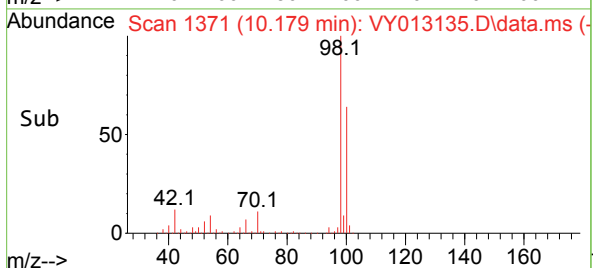
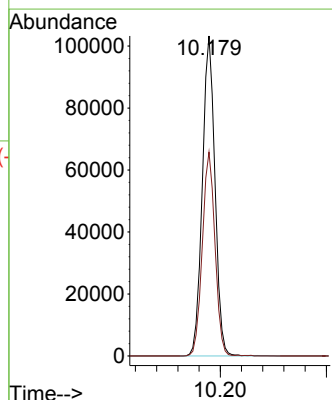
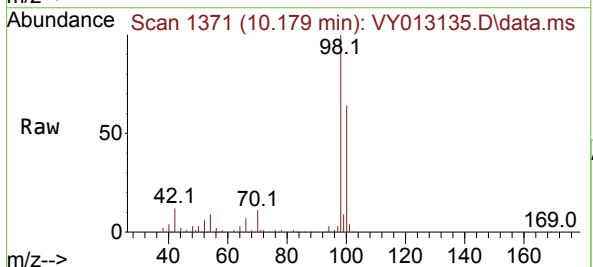
Acq: 29 Mar 2023 17:22

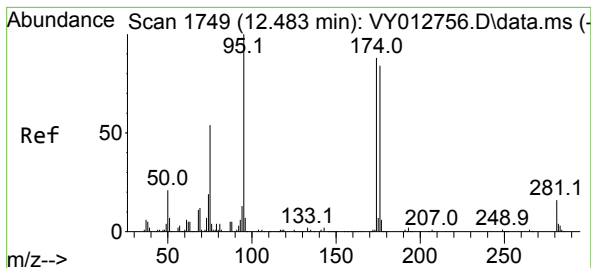
Tgt Ion: 98 Resp: 170491

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

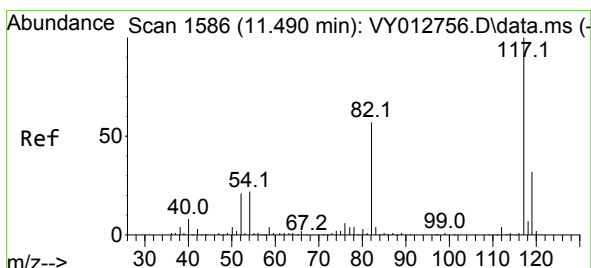
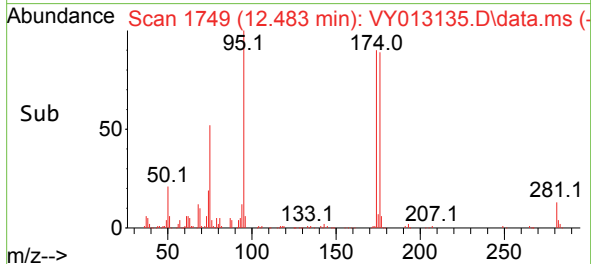
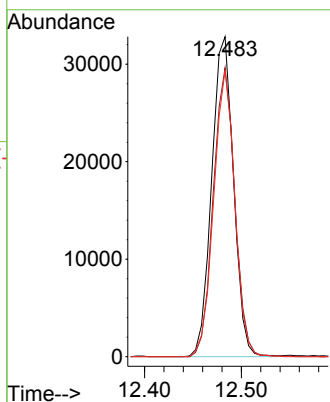
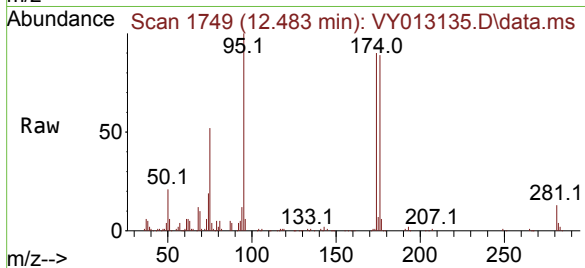




#62
4-Bromofluorobenzene
Concen: 49.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

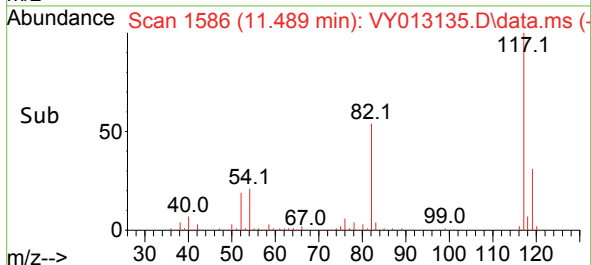
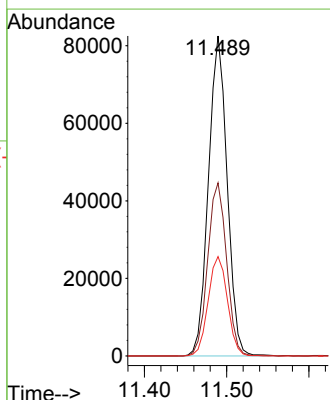
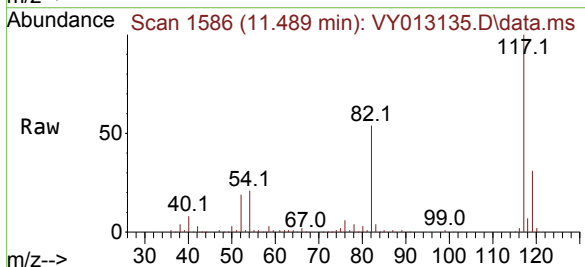
Instrument :
MSVOA_Y
ClientSampleId :
RS-C

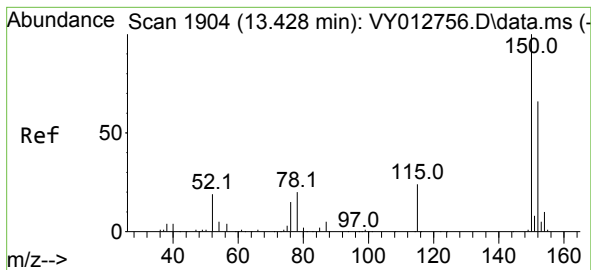
Tgt Ion: 95 Resp: 51404
Ion Ratio Lower Upper
95 100
174 89.0 0.0 176.6
176 86.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013135.D
Acq: 29 Mar 2023 17:22

Tgt Ion: 117 Resp: 130249
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.0 25.6 38.4

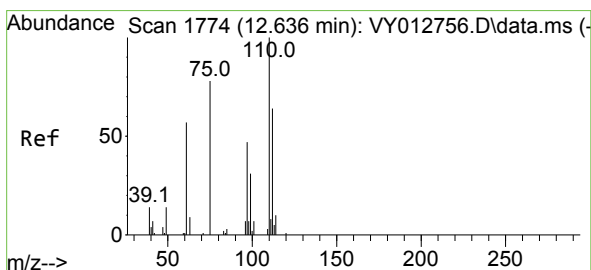
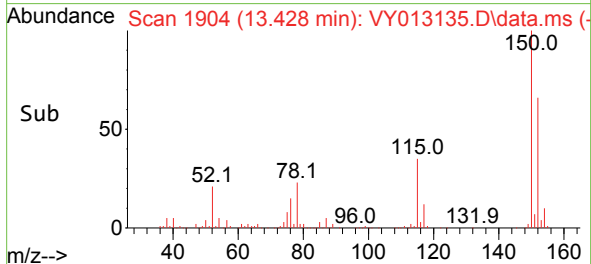
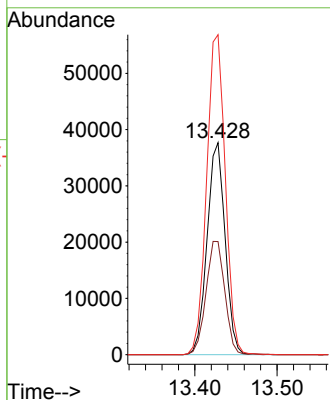
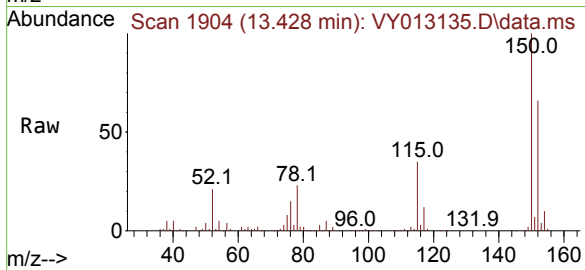




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY013135.D
 Acq: 29 Mar 2023 17:22

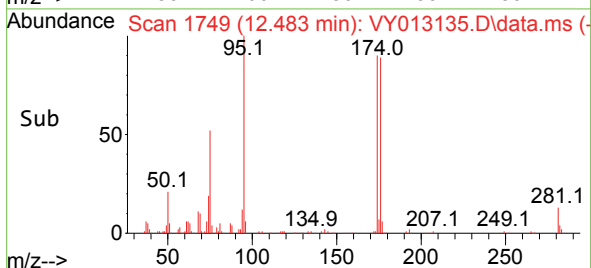
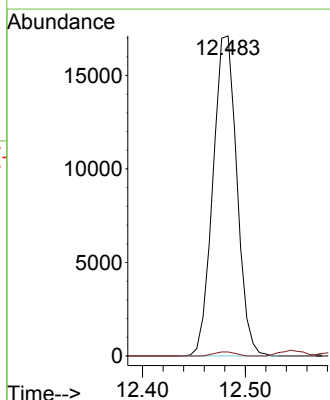
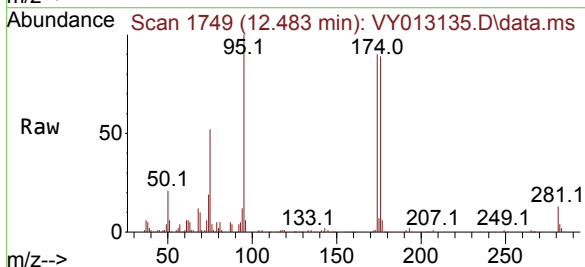
Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-C

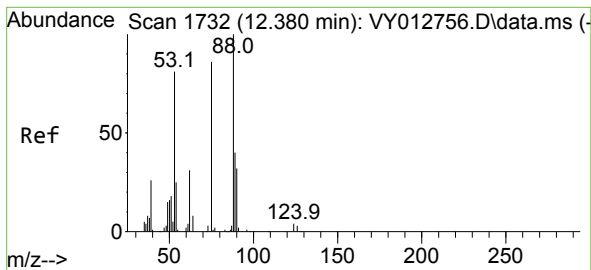
Tgt Ion:152 Resp: 57388
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.1 81.3
 150 156.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 40.365 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY013135.D
 Acq: 29 Mar 2023 17:22

Tgt Ion: 75 Resp: 27662
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.637 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013135.D
 Acq: 29 Mar 2023 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-C

Tgt Ion: 75 Resp: 27662
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

