

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
 Data File : VY013133.D
 Acq On : 29 Mar 2023 16:35
 Operator : KP/MD
 Sample : 02126-01
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-A

Quant Time: Mar 29 23:33:12 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)

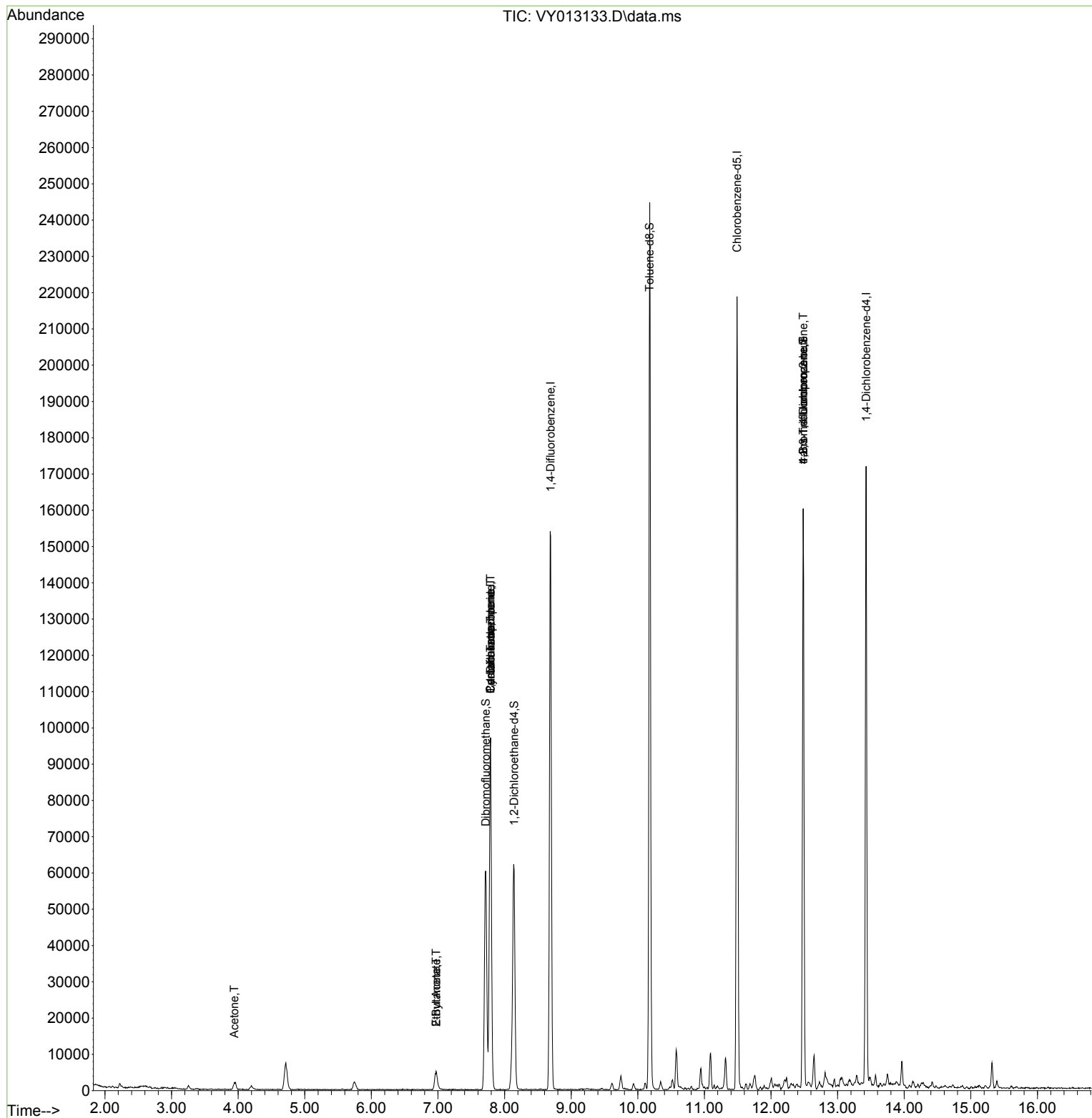
Internal Standards						
1) Pentafluorobenzene	7.789	168	71872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	126188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46179	64.713	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.420%	
35) Dibromofluoromethane	7.716	113	43087	56.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.160%	
50) Toluene-d8	10.179	98	150539	54.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.483	95	42247	44.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.920%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	124	Below Cal	#	74
16) Acetone	3.942	43	3846	13.731	ug/l	89
25) 2-Butanone	6.972	43	826	2.381	ug/l #	49
31) Cyclohexane	7.789	56	1862	1.362	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	6127	4.801	ug/l #	48
37) Ethyl Acetate	6.972	43	826	1.027	ug/l #	61
38) Carbon Tetrachloride	7.789	117	7070	5.365	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	22701	44.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	22701	92.779	ug/l #	13

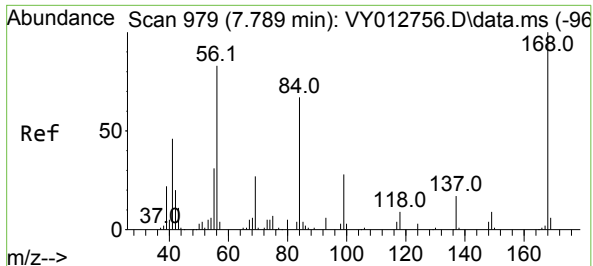
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032923\
Data File : VY013133.D
Acq On : 29 Mar 2023 16:35
Operator : KP/MD
Sample : 02126-01
Misc : 5.46g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RS-A

Quant Time: Mar 29 23:33:12 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

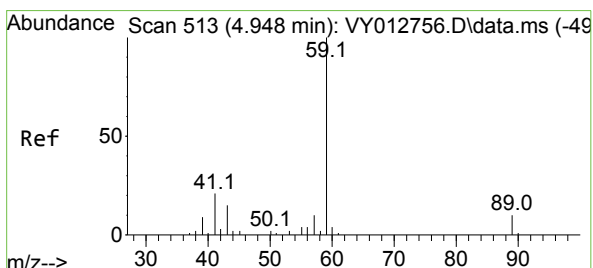
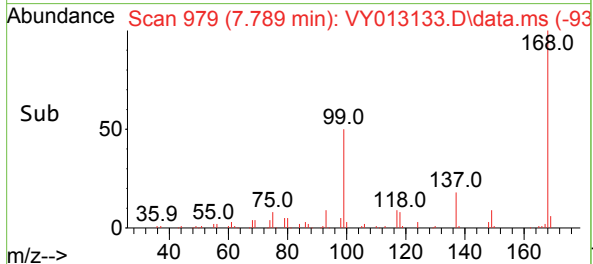
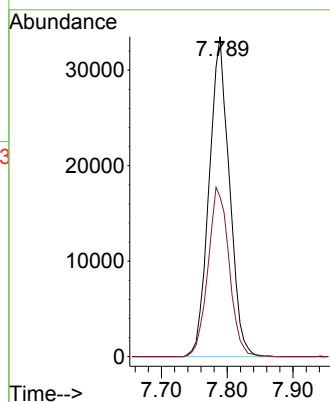
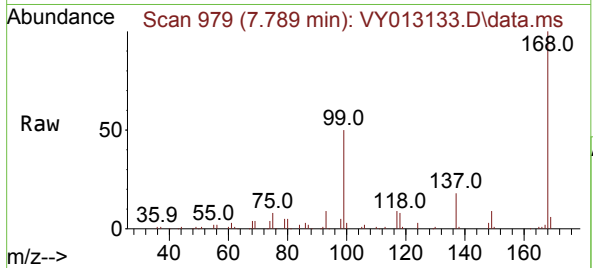




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

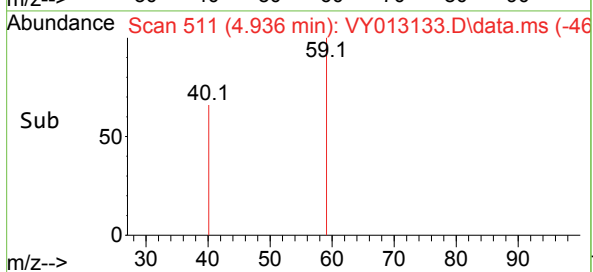
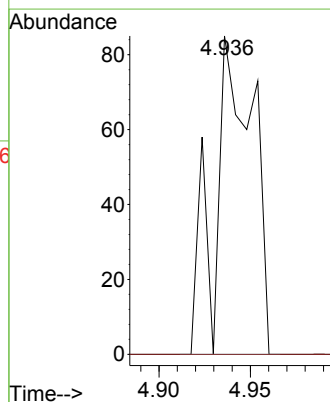
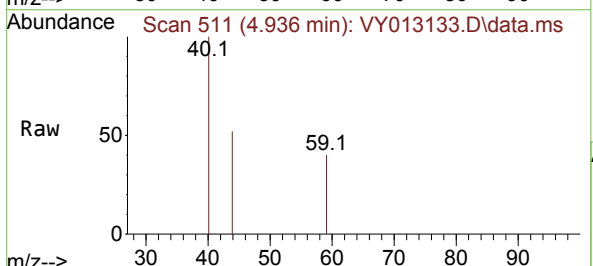
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

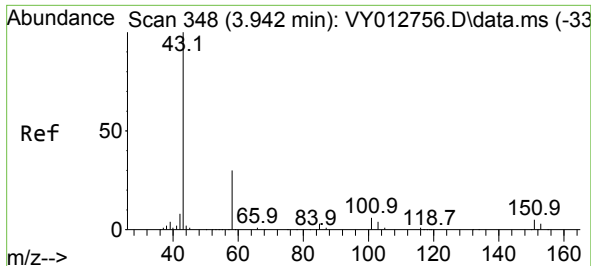
Tgt Ion:168 Resp: 71872
Ion Ratio Lower Upper
168 100
99 49.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 13.731 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY013133.D

Acq: 29 Mar 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

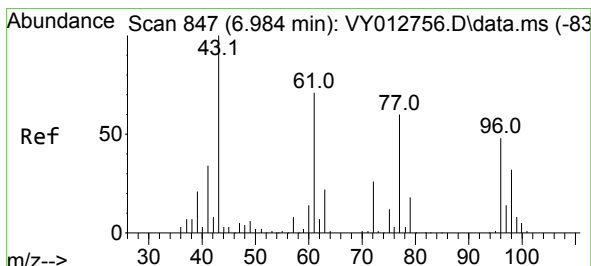
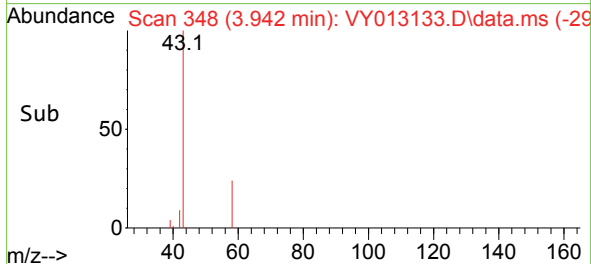
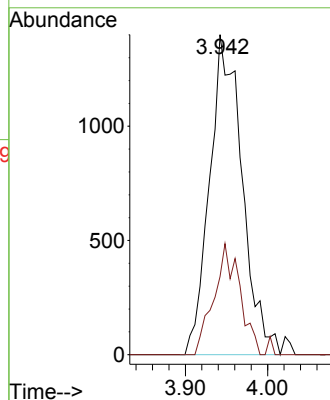
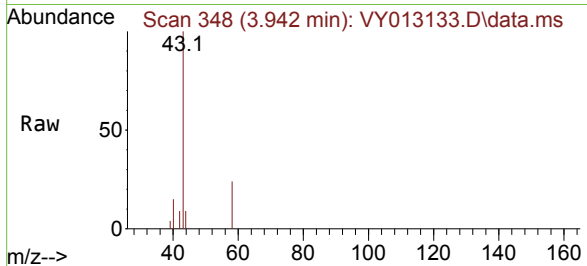
RS-A

Tgt Ion: 43 Resp: 3846

Ion Ratio Lower Upper

43 100

58 24.4 24.2 36.2



#25

2-Butanone

Concen: 2.381 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY013133.D

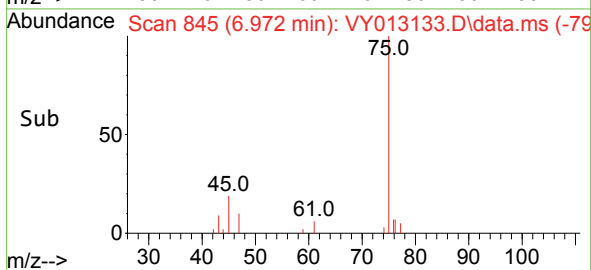
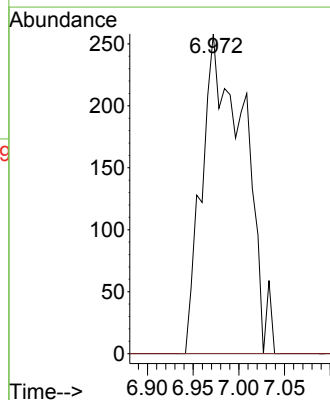
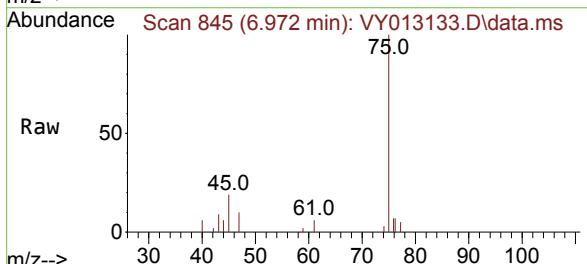
Acq: 29 Mar 2023 16:35

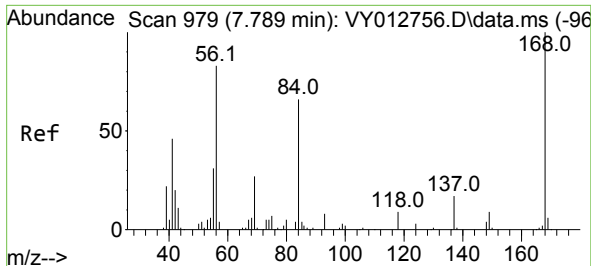
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#

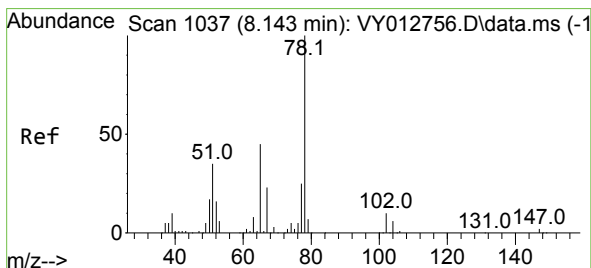
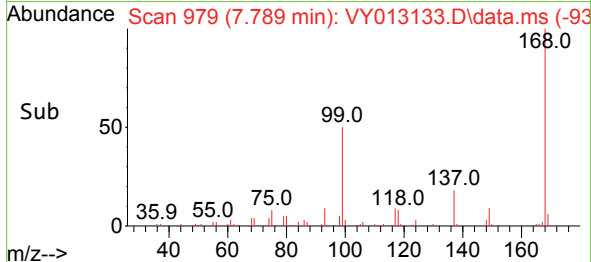
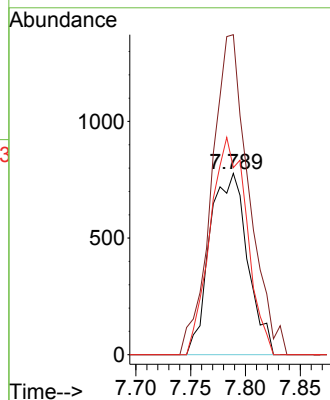
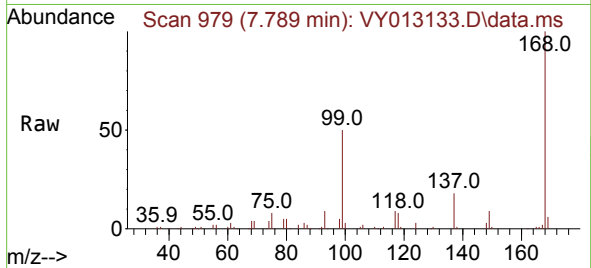




#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

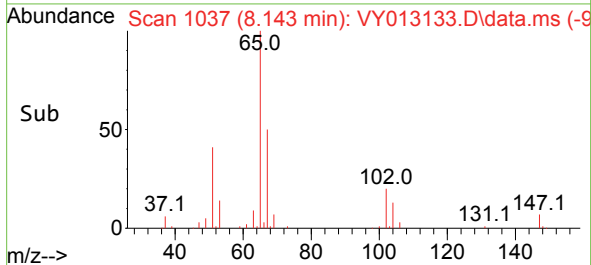
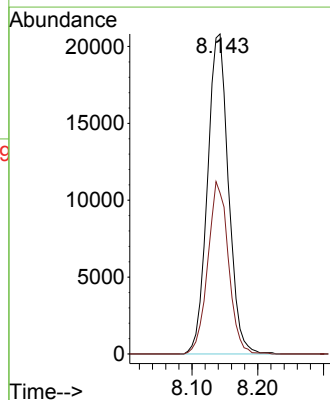
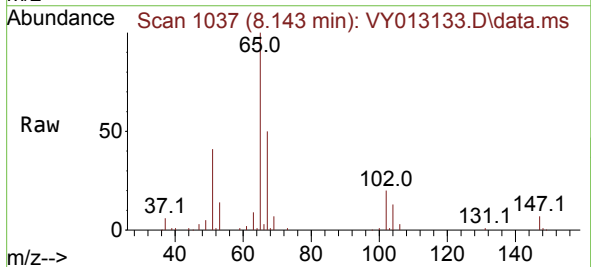
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

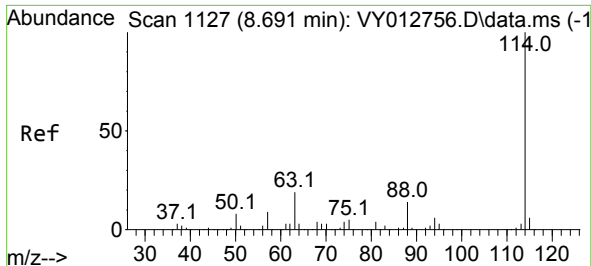
Tgt Ion: 56 Resp: 1862
Ion Ratio Lower Upper
56 100
69 176.6 25.7 38.5#
84 103.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 64.713 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 65 Resp: 46179
Ion Ratio Lower Upper
65 100
67 52.9 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: VY013133.D

Acq: 29 Mar 2023 16:35

Instrument :

MSVOA_Y

ClientSampleId :

RS-A

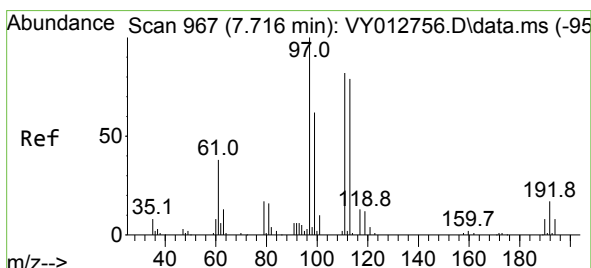
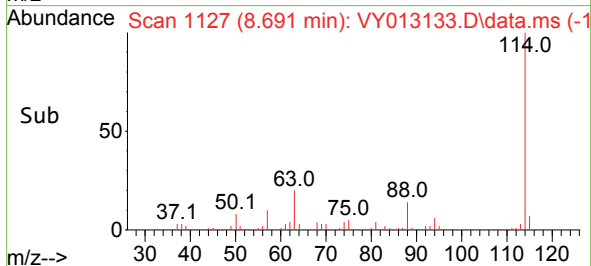
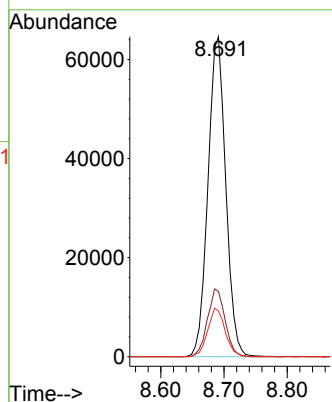
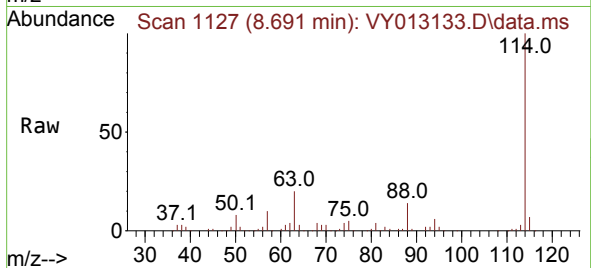
Tgt Ion:114 Resp: 126188

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.579 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013133.D

Acq: 29 Mar 2023 16:35

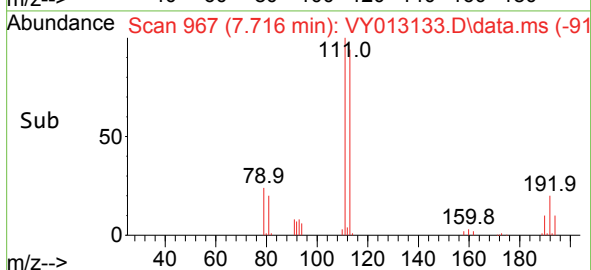
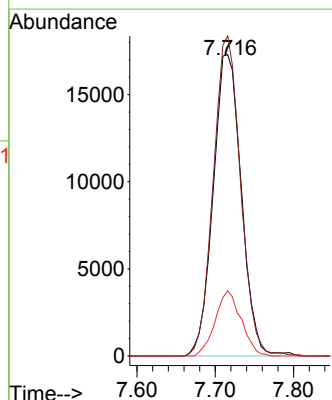
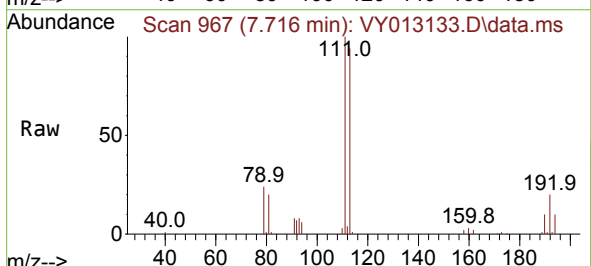
Tgt Ion:113 Resp: 43087

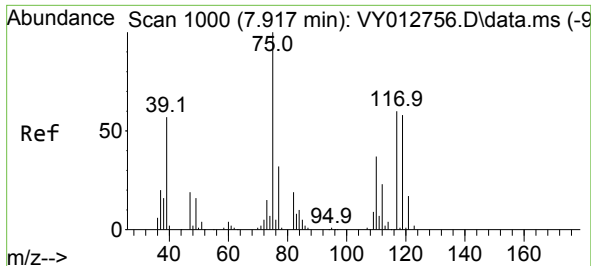
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 20.0 16.8 25.2

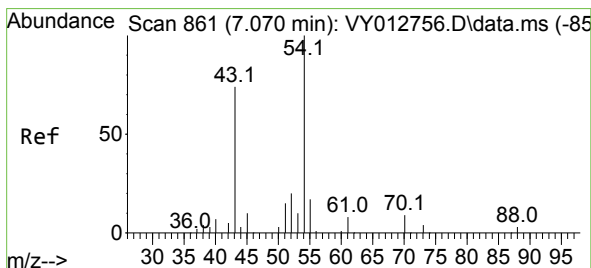
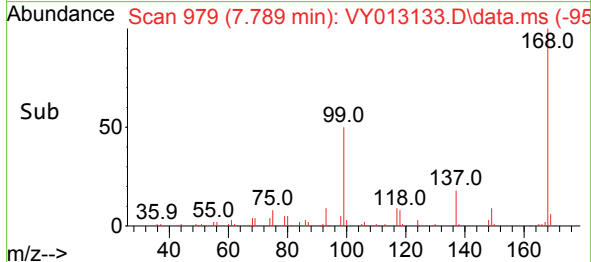
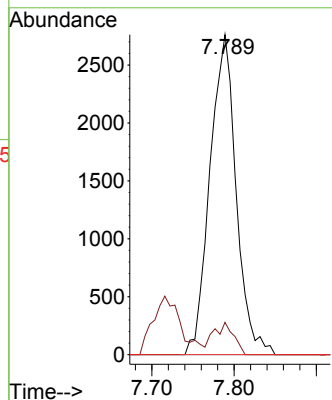
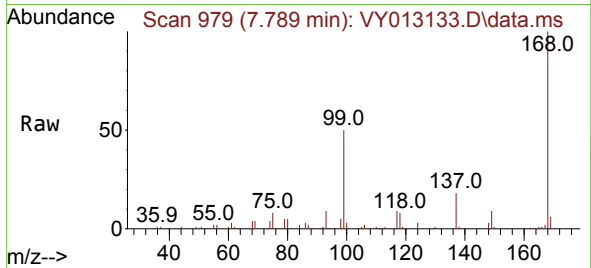




#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

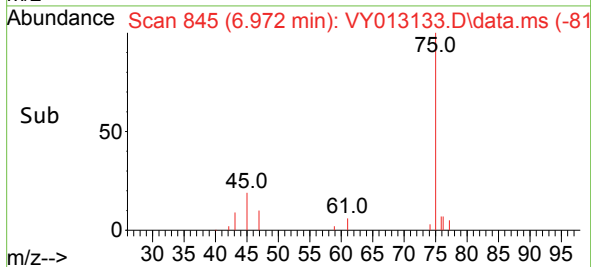
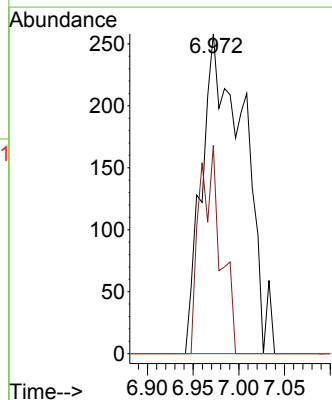
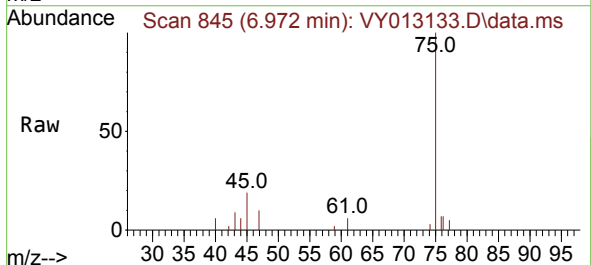
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

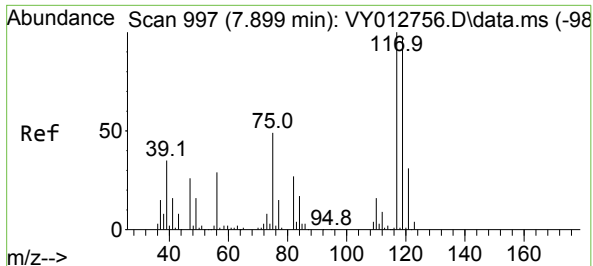
Tgt Ion: 75 Resp: 6127
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 1.027 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
61 32.8 10.7 16.1#
70 0.0 7.8 11.8#

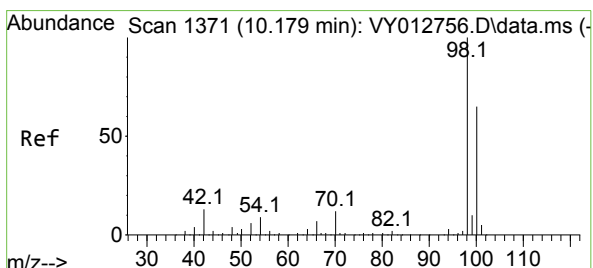
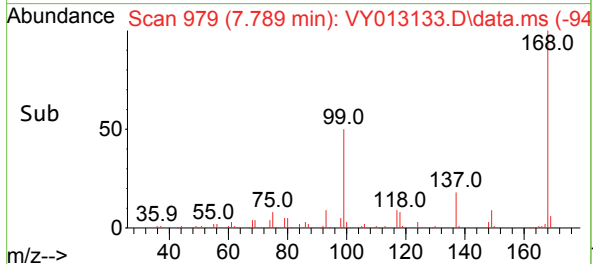
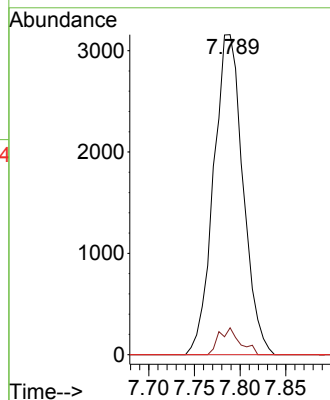
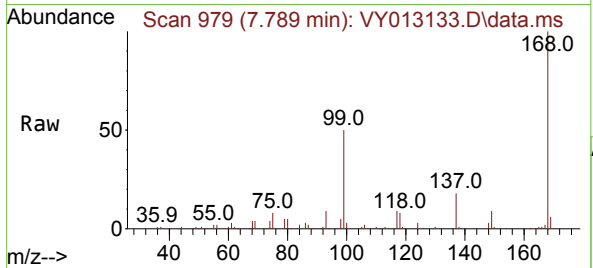




#38
Carbon Tetrachloride
Concen: 5.365 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

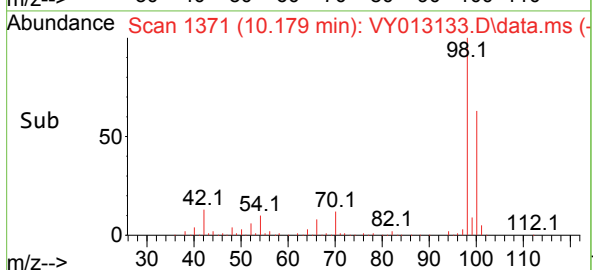
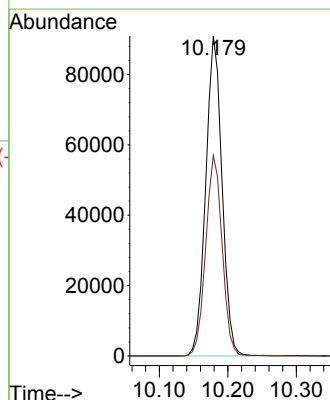
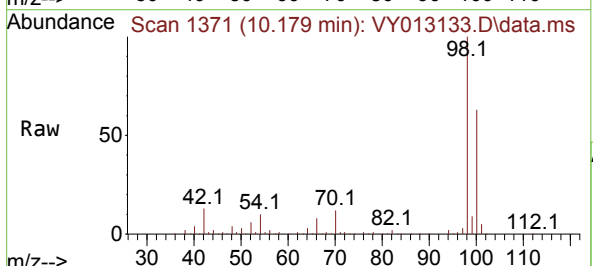
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

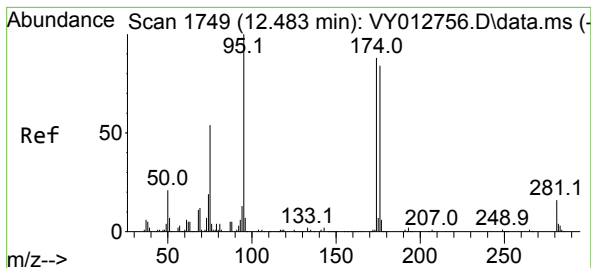
Tgt Ion:117 Resp: 7070
Ion Ratio Lower Upper
117 100
119 8.4 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.072 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 98 Resp: 150539
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

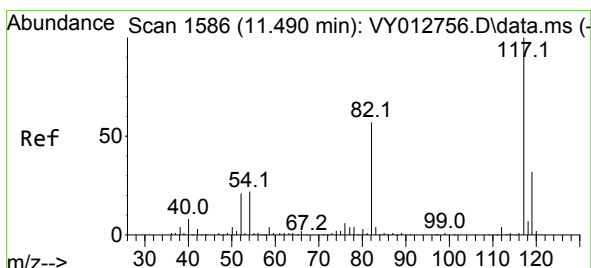
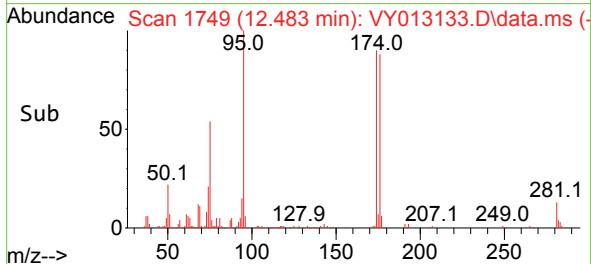
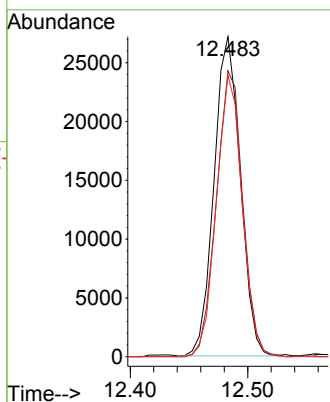
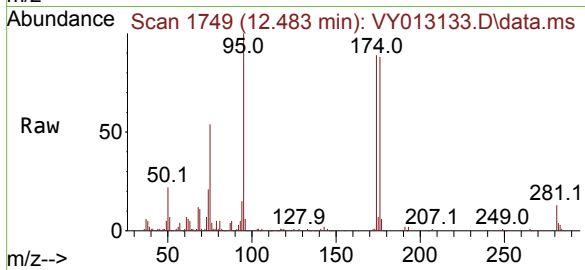




#62
4-Bromofluorobenzene
Concen: 44.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

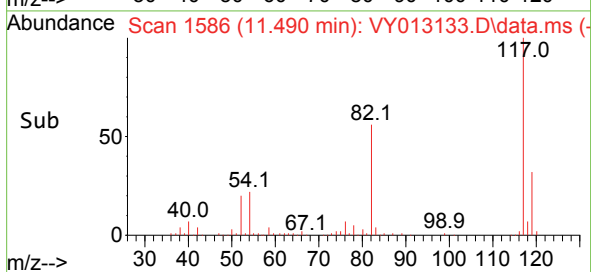
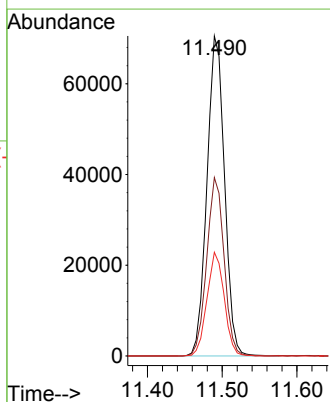
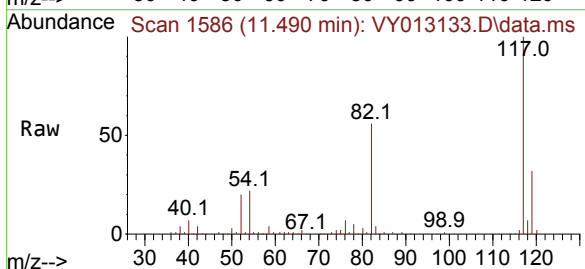
Instrument :
MSVOA_Y
ClientSampleId :
RS-A

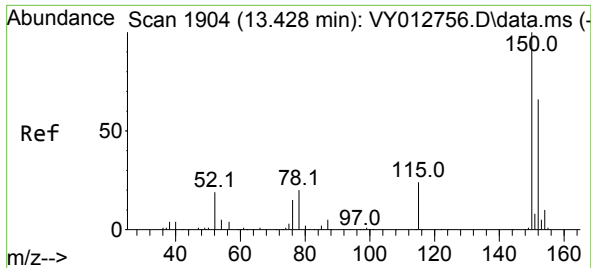
Tgt Ion: 95 Resp: 42247
Ion Ratio Lower Upper
95 100
174 89.8 0.0 176.6
176 86.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013133.D
Acq: 29 Mar 2023 16:35

Tgt Ion: 117 Resp: 115085
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 32.4 25.6 38.4

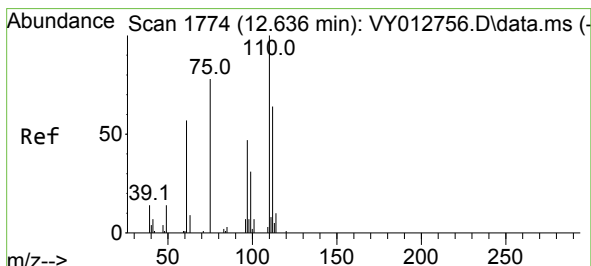
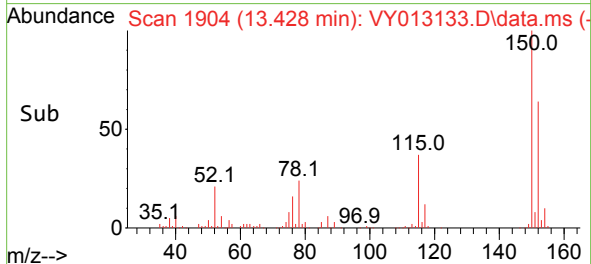
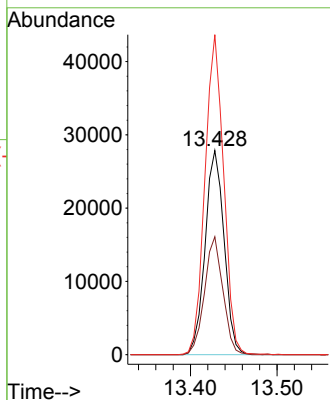
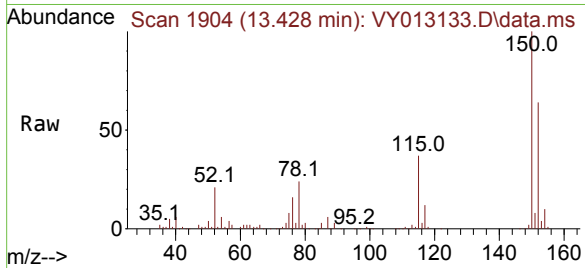




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY013133.D
 Acq: 29 Mar 2023 16:35

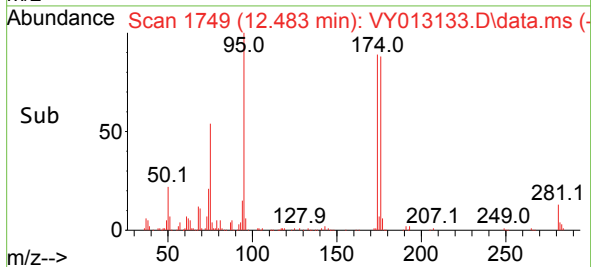
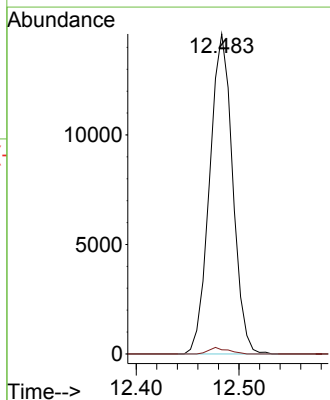
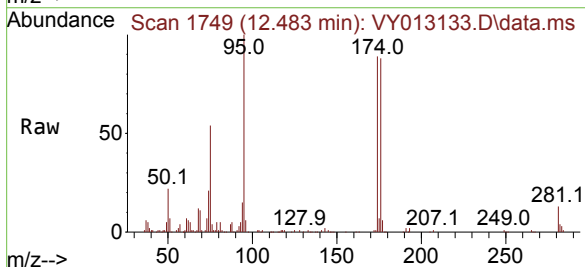
Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-A

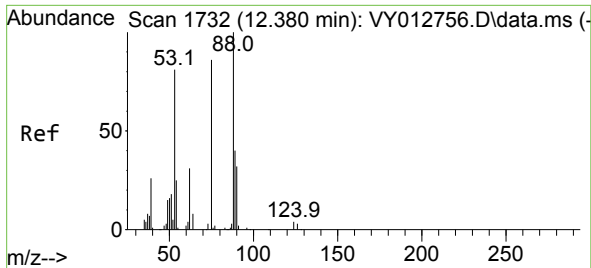
Tgt Ion:152 Resp: 42455
 Ion Ratio Lower Upper
 152 100
 115 55.9 27.1 81.3
 150 154.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 44.777 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY013133.D
 Acq: 29 Mar 2023 16:35

Tgt Ion: 75 Resp: 22701
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.779 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY013133.D
 Acq: 29 Mar 2023 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 RS-A

Tgt Ion: 75 Resp: 22701
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.0#
 89 0.2 36.6 55.0#

