

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012988.D
 Acq On : 17 Mar 2023 15:49
 Operator : KP/MD
 Sample : 01932-05RE
 Misc : 10.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:46:33 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)

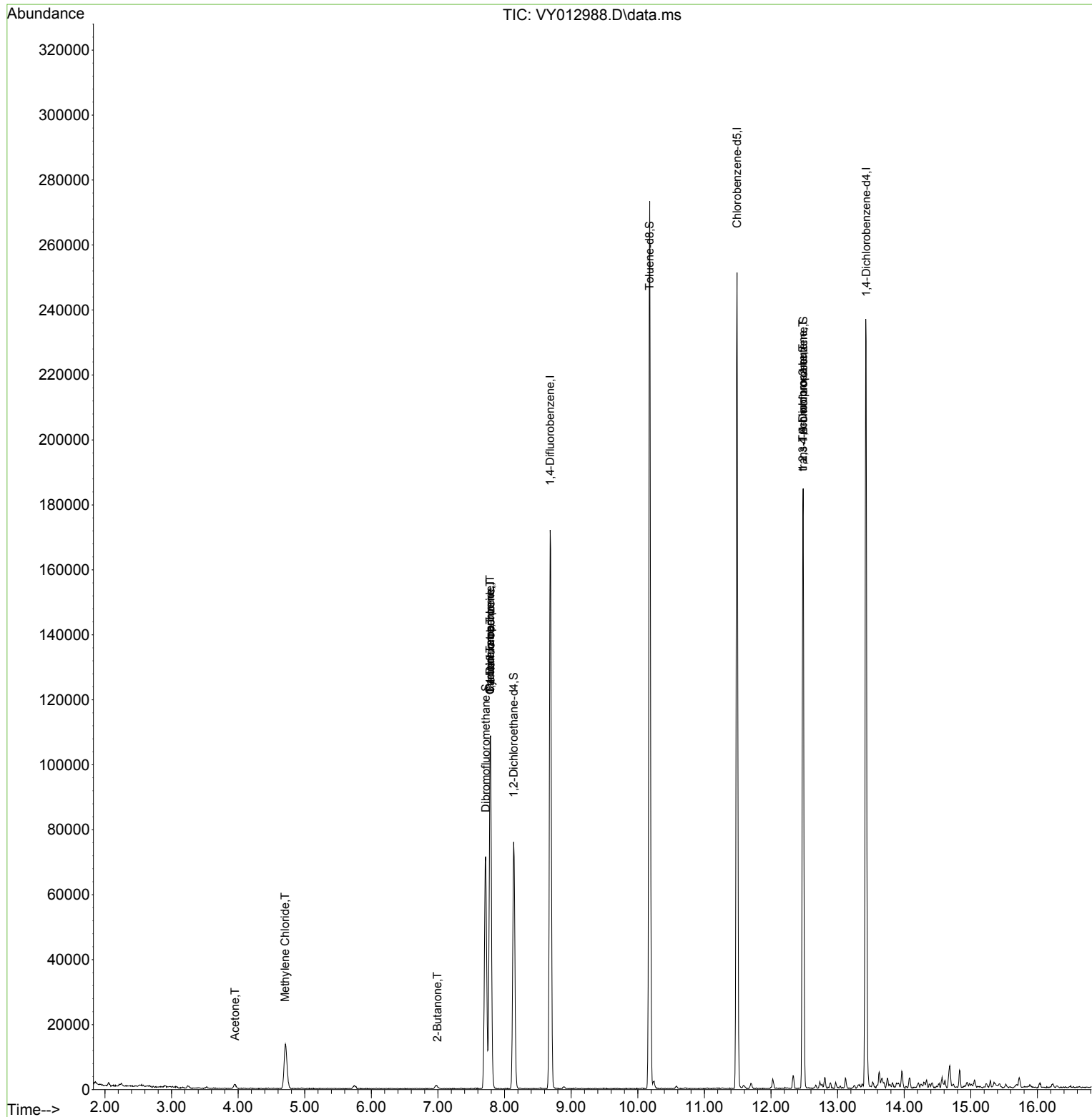
Internal Standards						
1) Pentafluorobenzene	7.789	168	85721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	144284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	59289	69.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.320%	
35) Dibromofluoromethane	7.716	113	50347	57.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.640%	
50) Toluene-d8	10.179	98	174091	54.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.483	95	55325	51.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	307	Below Cal	#	74
16) Acetone	3.954	43	2262	6.771	ug/l	95
20) Methylene Chloride	4.704	84	10287	5.286	ug/l	93
25) 2-Butanone	6.990	43	501	1.211	ug/l	# 49
31) Cyclohexane	7.783	56	1774	1.088	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	7087	4.857	ug/l	# 48
38) Carbon Tetrachloride	7.783	117	8632	5.729	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	29110	39.905	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	29110	82.684	ug/l	# 13

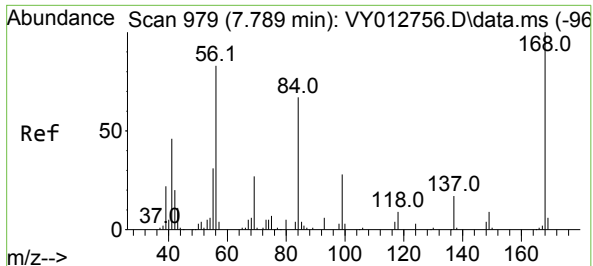
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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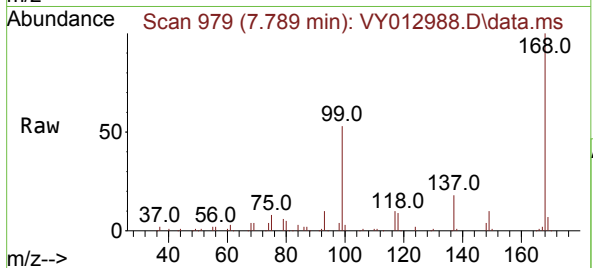
Quant Time: Mar 18 05:46:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
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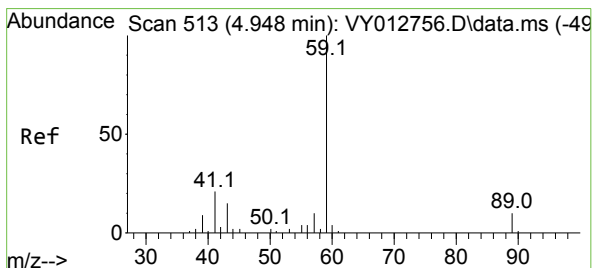
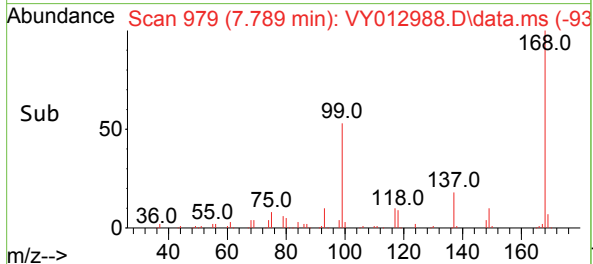
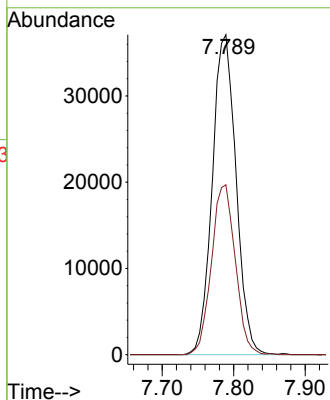


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

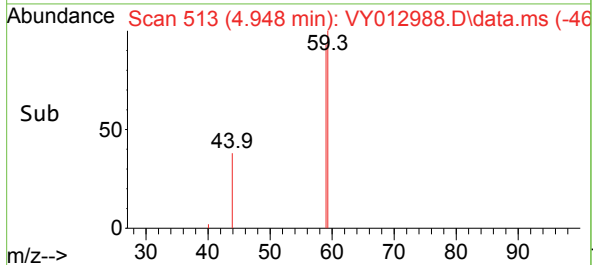
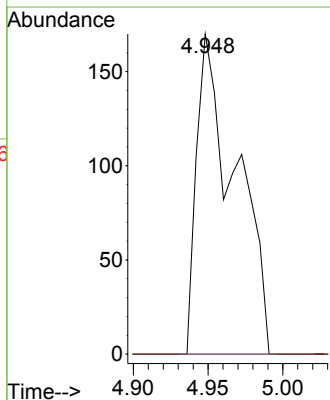
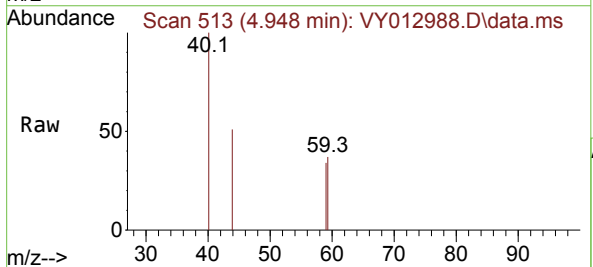


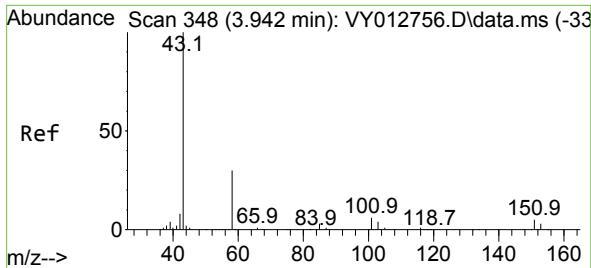
Tgt Ion:168 Resp: 85721
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

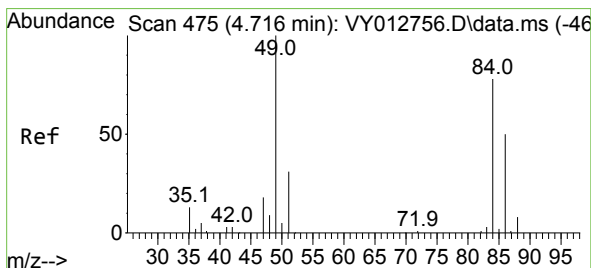
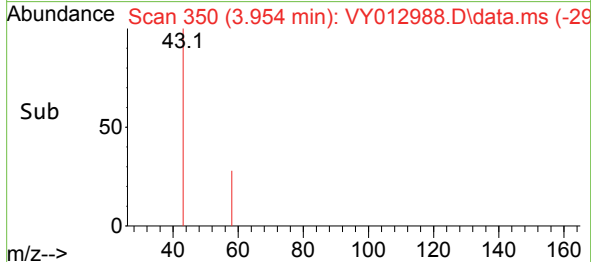
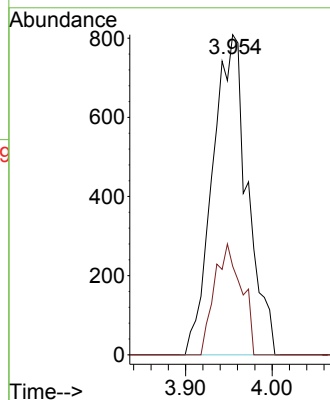
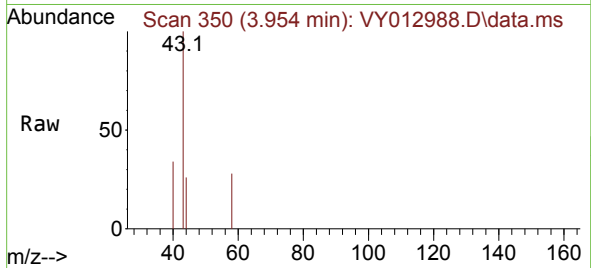




#16
Acetone
Concen: 6.771 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

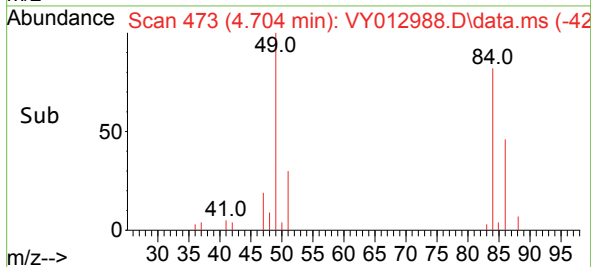
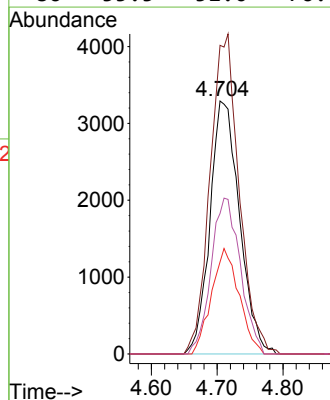
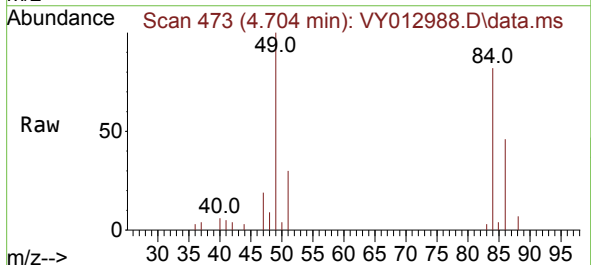
Instrument :
MSVOA_Y
ClientSampleId :

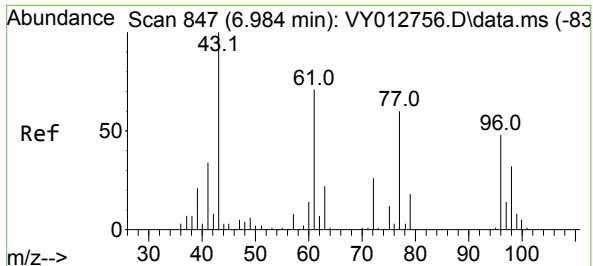
Tgt Ion: 43 Resp: 2262
Ion Ratio Lower Upper
43 100
58 27.7 24.2 36.2



#20
Methylene Chloride
Concen: 5.286 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Tgt Ion: 84 Resp: 10287
Ion Ratio Lower Upper
84 100
49 122.0 102.6 154.0
51 36.4 31.9 47.9
86 55.5 51.0 76.6





#25

2-Butanone

Concen: 1.211 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012988.D

Acq: 17 Mar 2023 15:49

Instrument :

MSVOA_Y

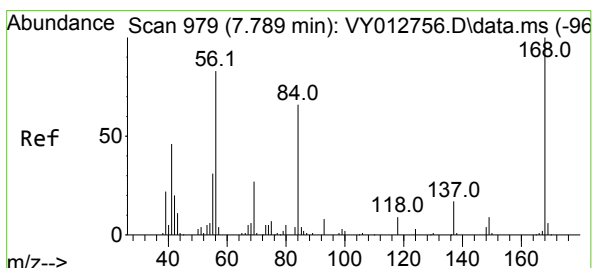
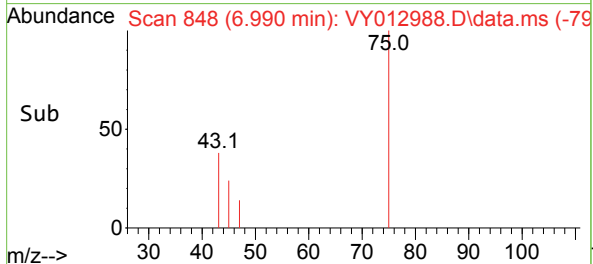
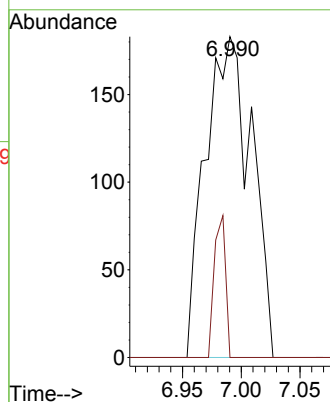
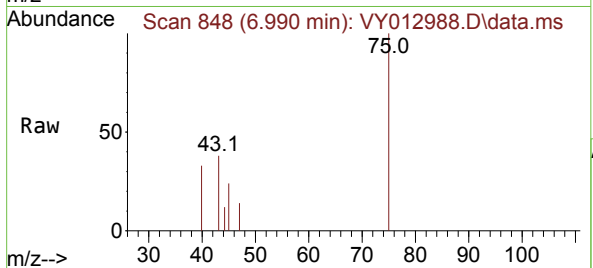
ClientSampleId :

Tgt Ion: 43 Resp: 501

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.088 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY012988.D

Acq: 17 Mar 2023 15:49

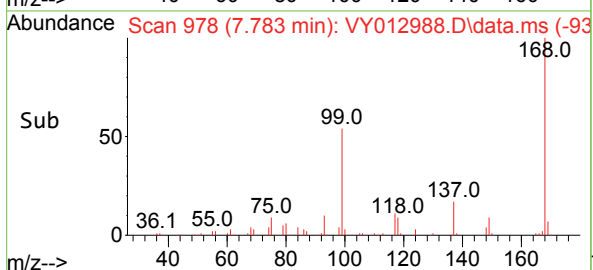
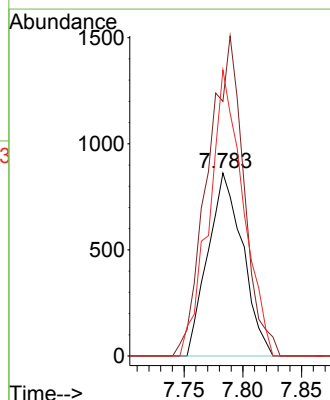
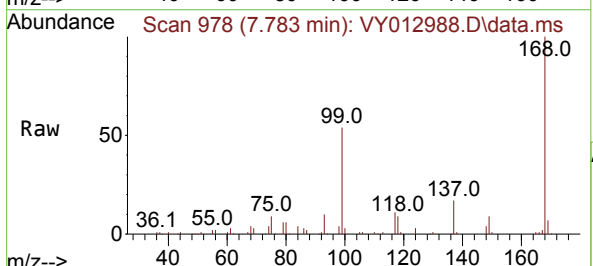
Tgt Ion: 56 Resp: 1774

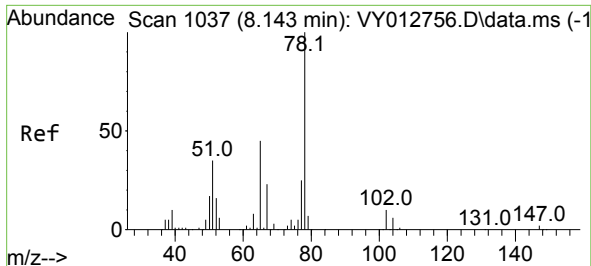
Ion Ratio Lower Upper

56 100

69 139.2 25.7 38.5#

84 156.4 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 69.662 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012988.D

Acq: 17 Mar 2023 15:49

Instrument :

MSVOA_Y

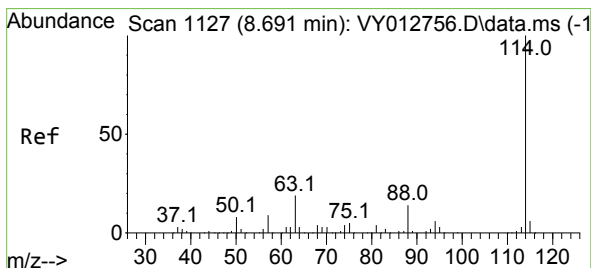
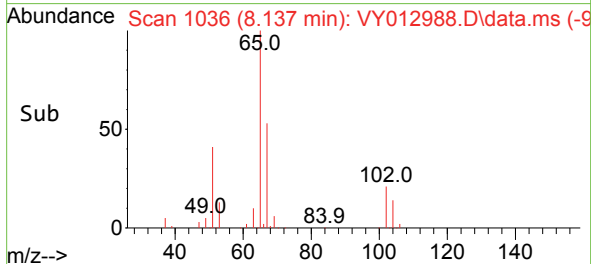
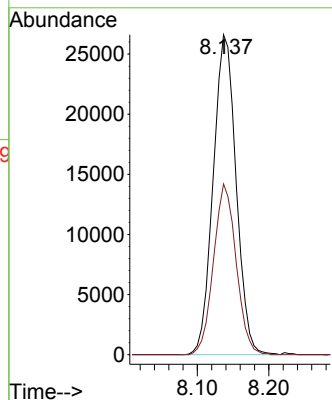
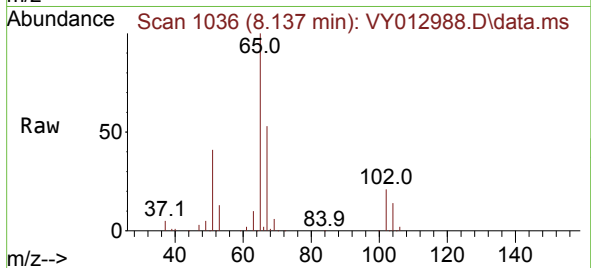
ClientSampleId :

Tgt Ion: 65 Resp: 59289

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012988.D

Acq: 17 Mar 2023 15:49

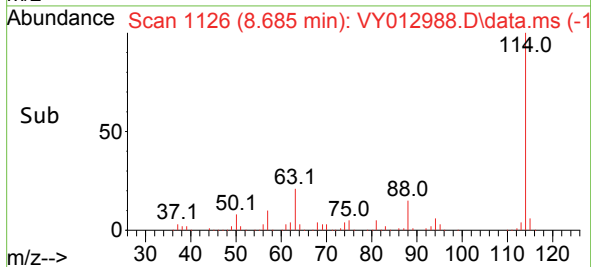
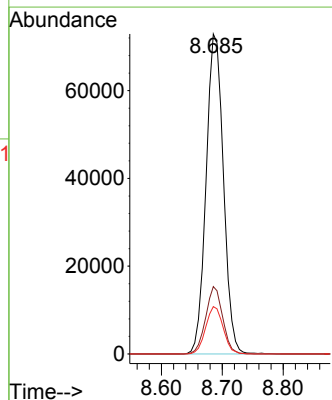
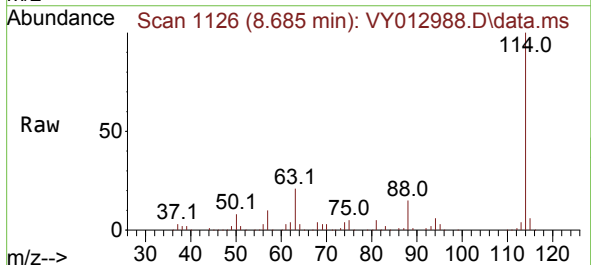
Tgt Ion: 114 Resp: 144284

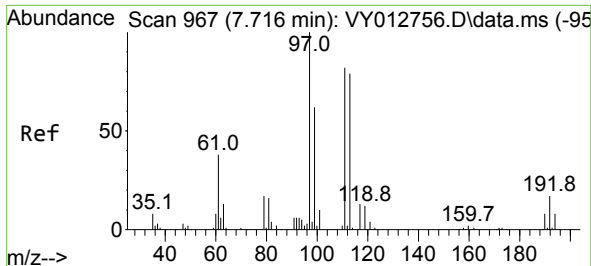
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 14.8 0.0 28.6

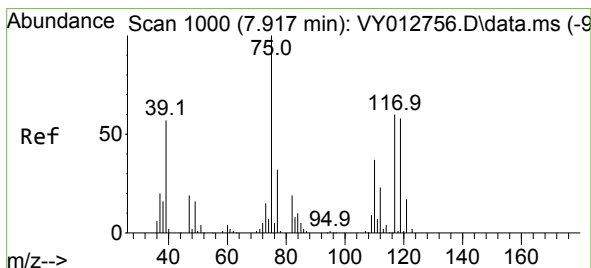
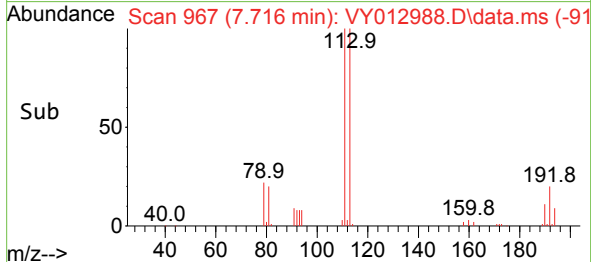
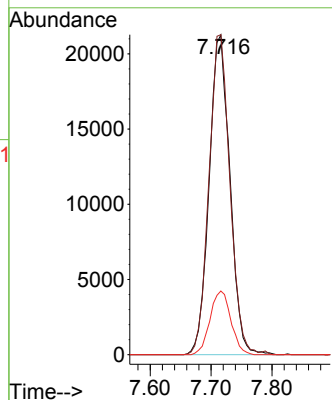
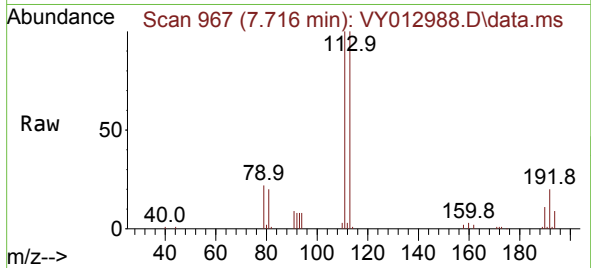




#35
Dibromofluoromethane
Concen: 57.820 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

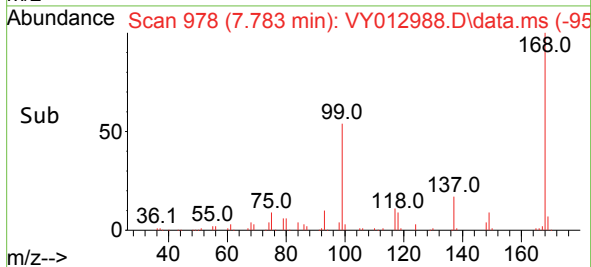
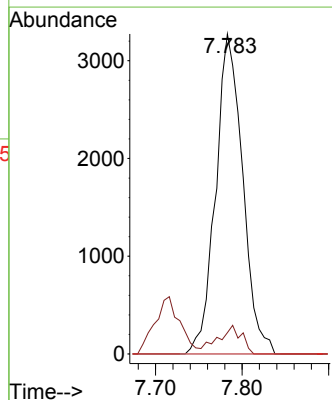
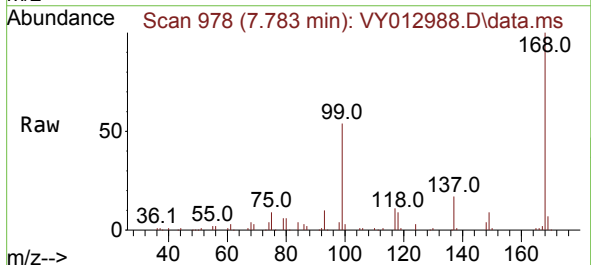
Instrument :
MSVOA_Y
ClientSampleId :

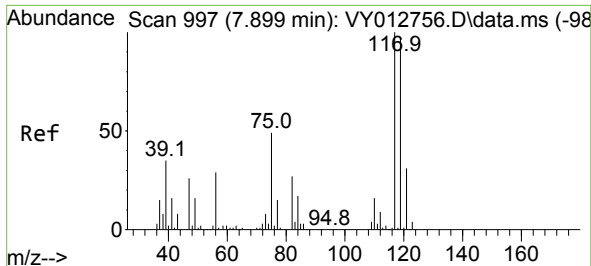
Tgt Ion:113 Resp: 50347
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 20.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.857 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

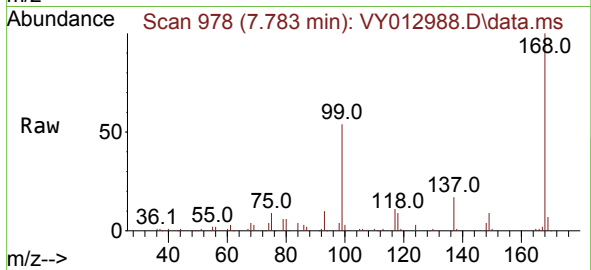
Tgt Ion: 75 Resp: 7087
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 25.0 37.4#



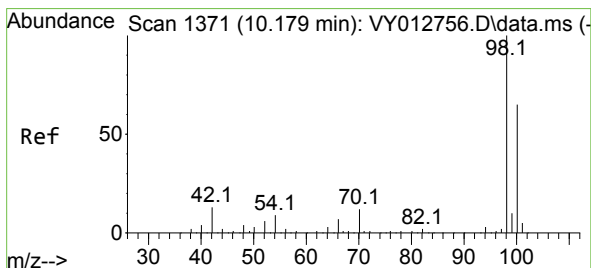
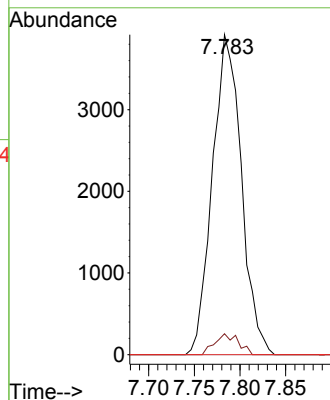
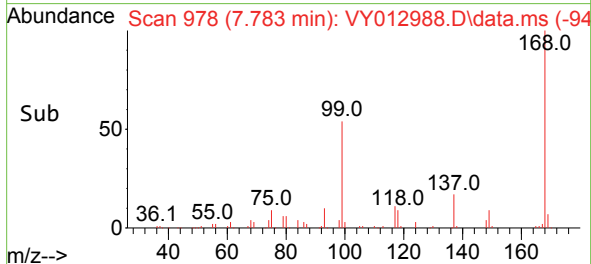


#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Instrument :
MSVOA_Y
ClientSampleId :

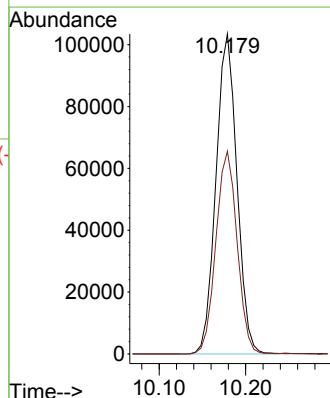
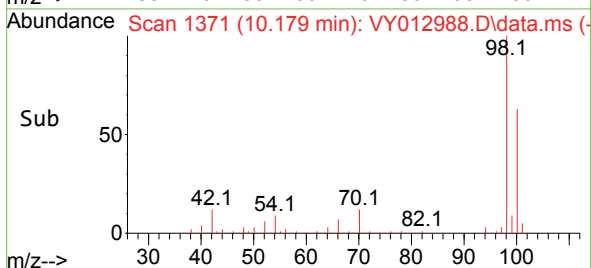
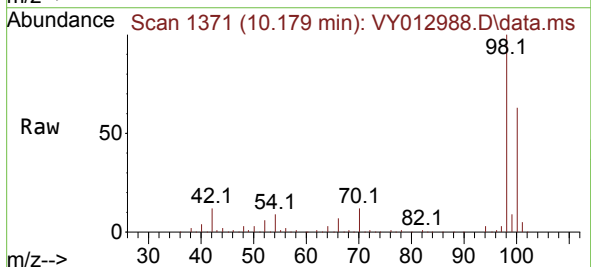


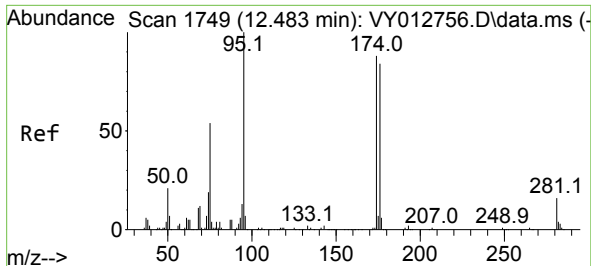
Tgt Ion:117 Resp: 8632
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.689 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Tgt Ion: 98 Resp: 174091
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

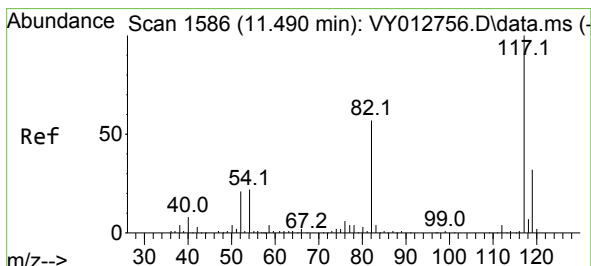
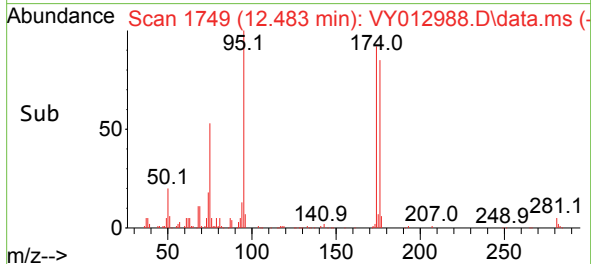
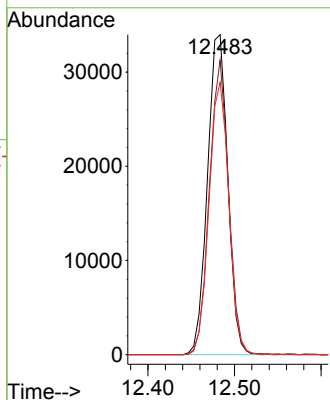
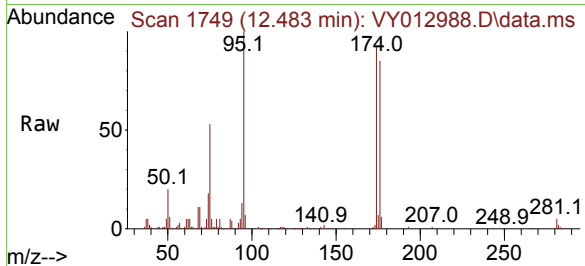




#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

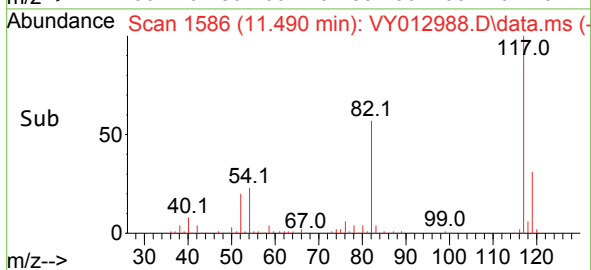
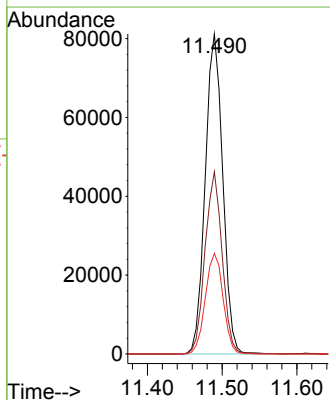
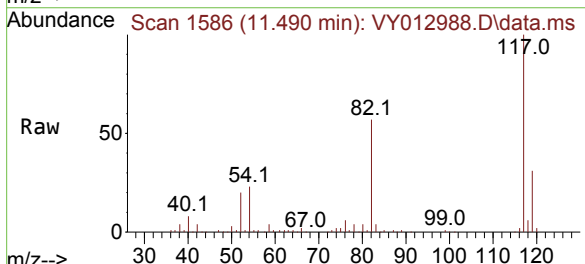
Instrument :
MSVOA_Y
ClientSampleId :

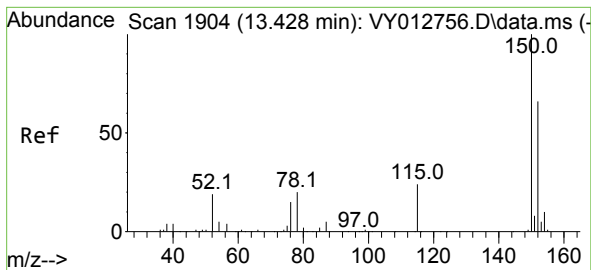
Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	176.6
176	83.0	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012988.D
Acq: 17 Mar 2023 15:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.4	68.0
119	31.4	25.6	38.4

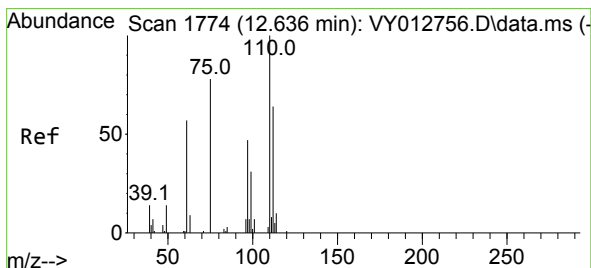
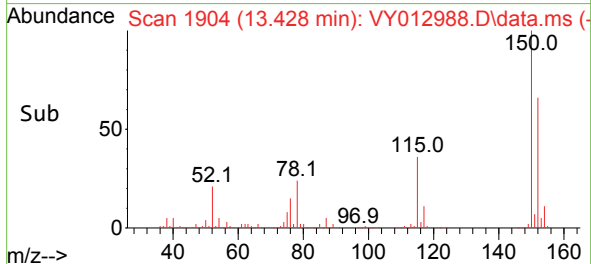
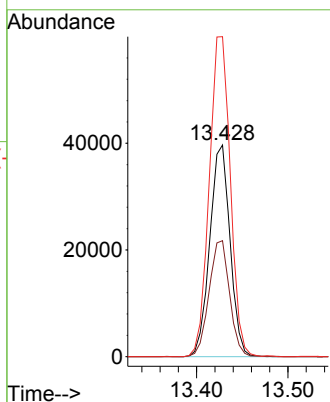
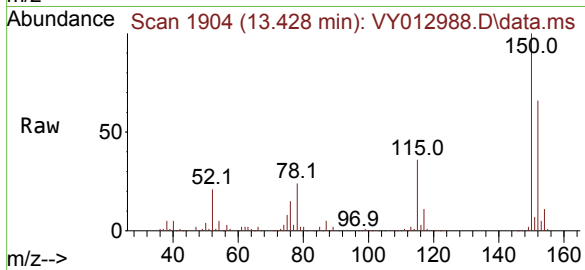




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012988.D
 Acq: 17 Mar 2023 15:49

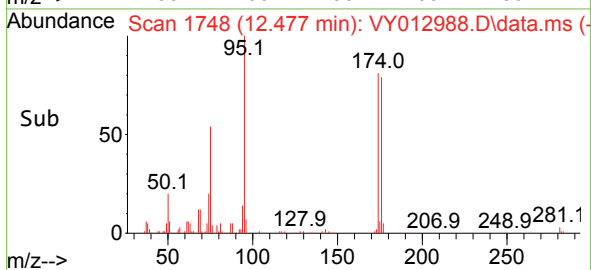
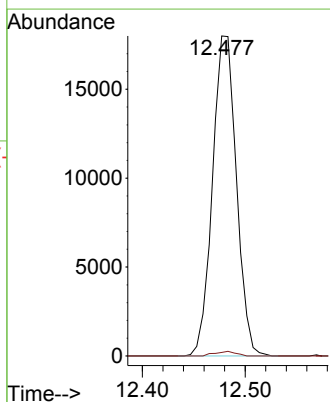
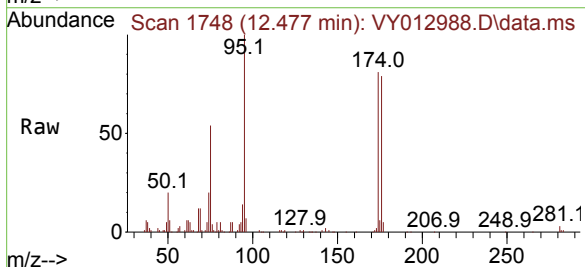
Instrument :
 MSVOA_Y
 ClientSampleId :

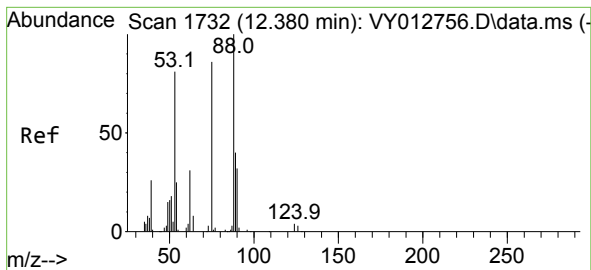
Tgt Ion:152 Resp: 61088
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.3
 150 156.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 39.905 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY012988.D
 Acq: 17 Mar 2023 15:49

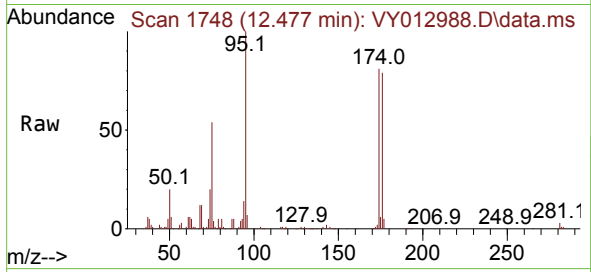
Tgt Ion: 75 Resp: 29110
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.684 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY012988.D
 Acq: 17 Mar 2023 15:49

Instrument :
 MSVOA_Y
 ClientSampleId :



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

