

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012876.D
 Acq On : 08 Mar 2023 17:13
 Operator : KP/MD
 Sample : 01829-06
 Misc : 4.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

Quant Time: Mar 09 00:38:20 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)

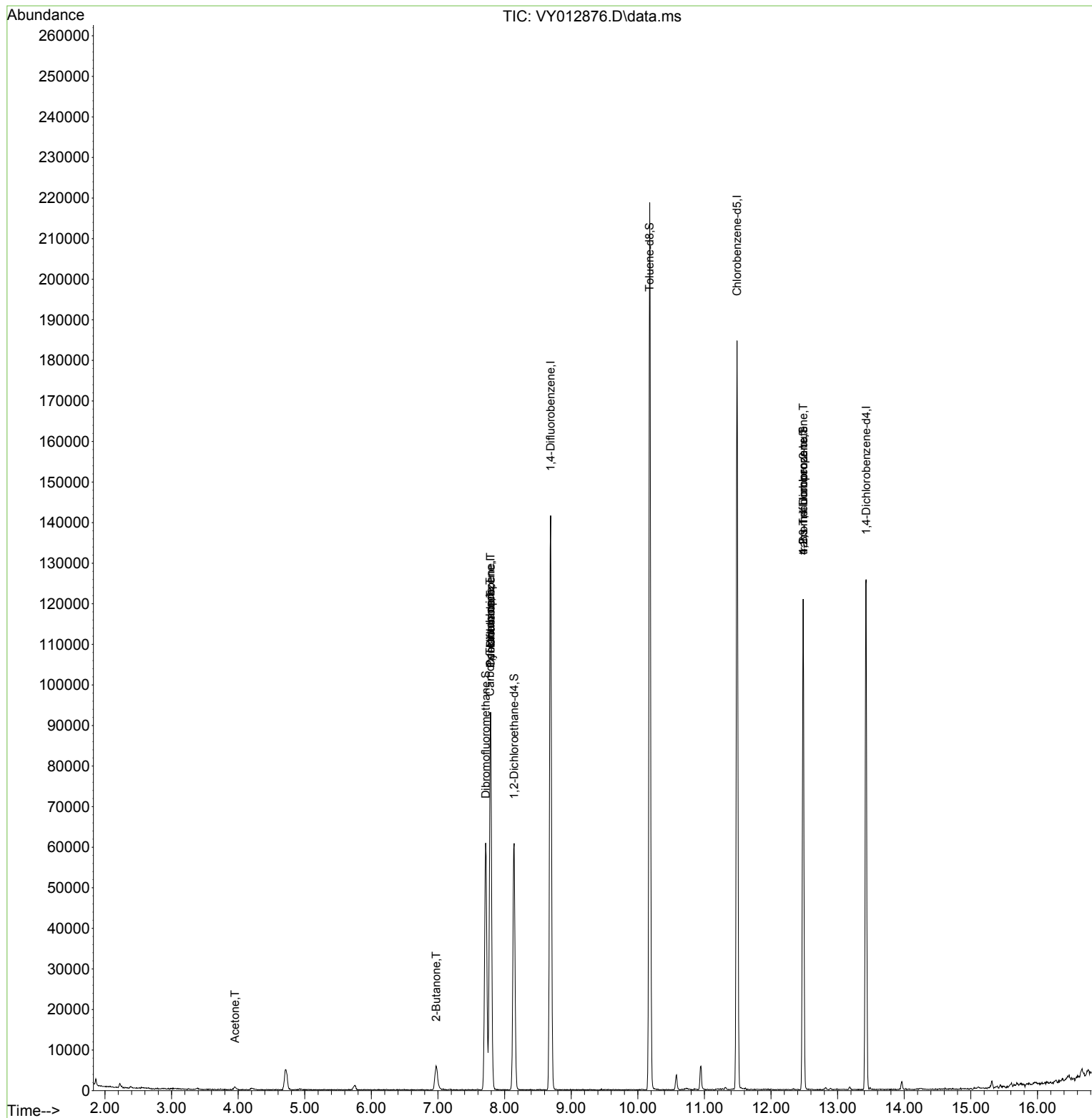
Internal Standards						
1) Pentafluorobenzene	7.789	168	72592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	121055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	98801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45920	63.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.420%	
35) Dibromofluoromethane	7.716	113	41845	57.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.560%	
50) Toluene-d8	10.179	98	141676	53.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.483	95	33912	37.619	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	276	Below Cal	#	74
16) Acetone	3.954	43	1133	4.005	ug/l #	80
20) Methylene Chloride	4.716	84	3803	Below Cal	#	78
25) 2-Butanone	6.972	43	455	1.299	ug/l #	49
31) Cyclohexane	7.789	56	1580	1.145	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5400	4.411	ug/l #	49
38) Carbon Tetrachloride	7.783	117	7002	5.538	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	17790	44.395	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17790	91.987	ug/l #	13

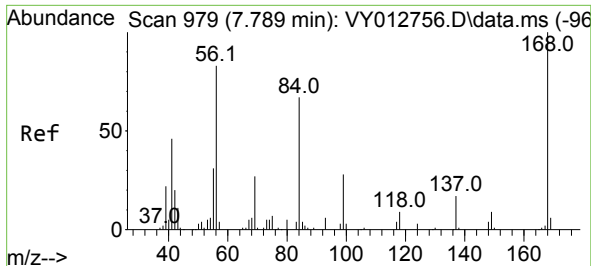
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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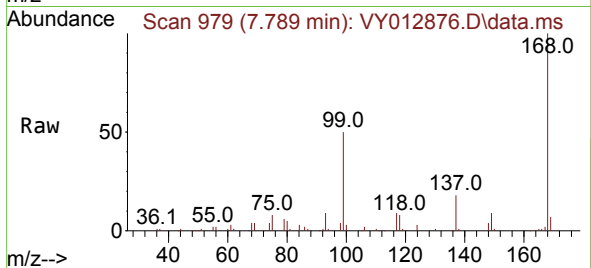
Quant Time: Mar 09 00:38:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
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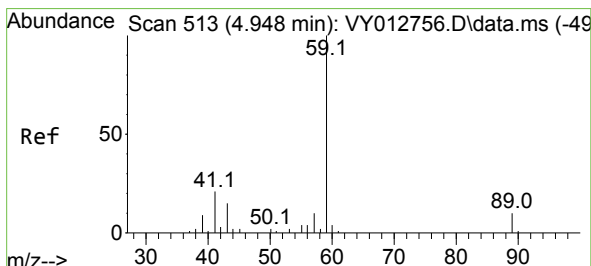
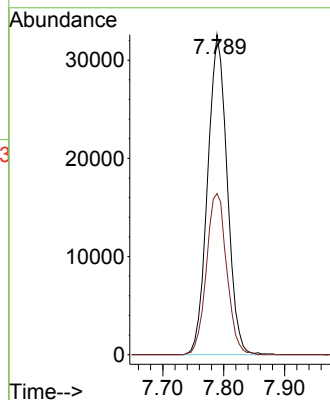
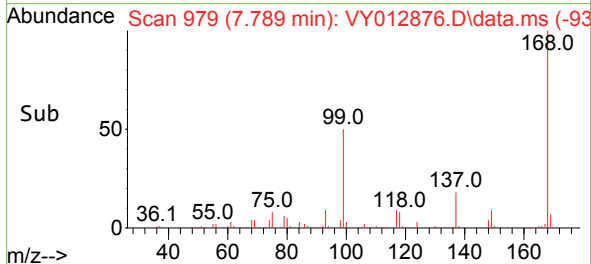


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Instrument :
MSVOA_Y
ClientSampleId :
SS-06-20230306

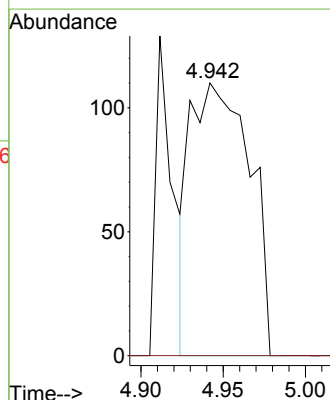
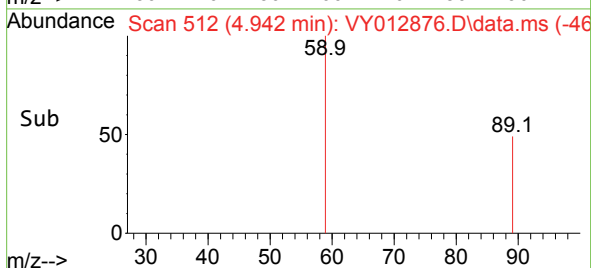
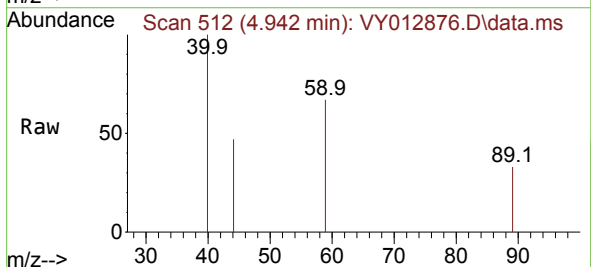


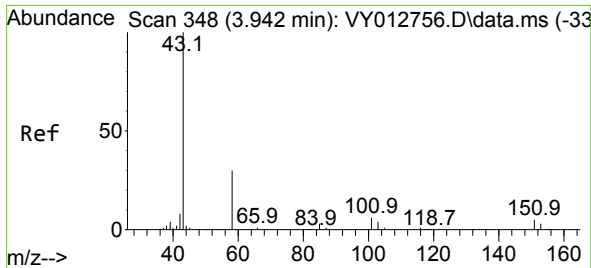
Tgt Ion:168 Resp: 72592
Ion Ratio Lower Upper
168 100
99 50.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

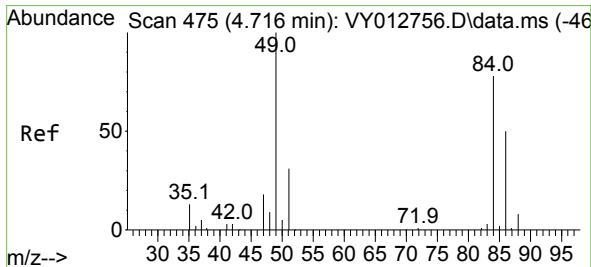
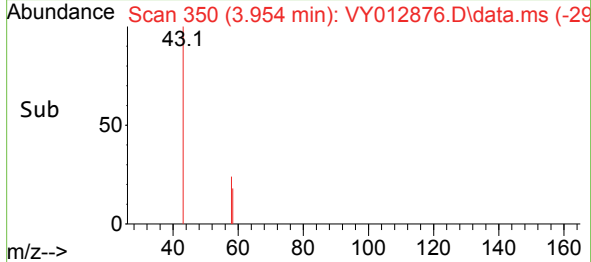
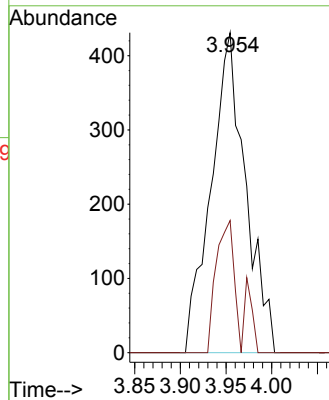
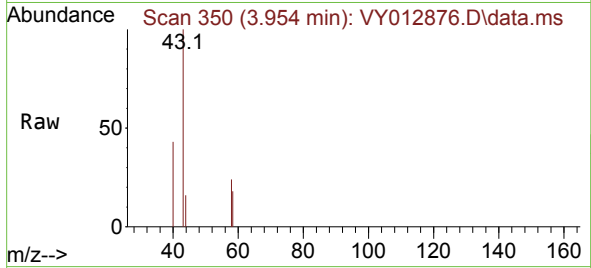




#16
Acetone
Concen: 4.005 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

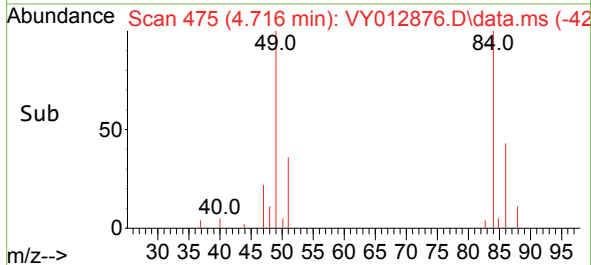
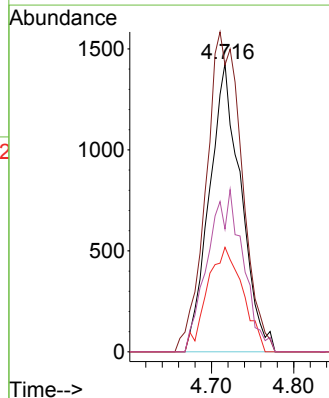
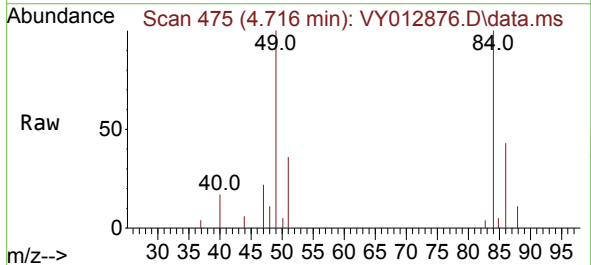
Instrument :
MSVOA_Y
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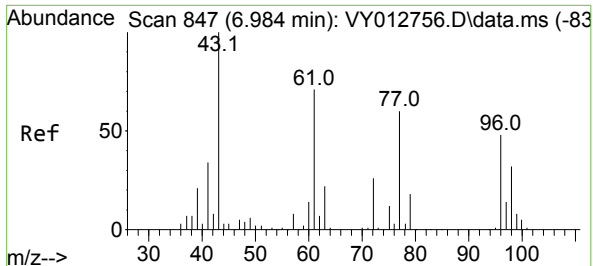
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 41.3 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Tgt Ion: 84 Resp: 3803
Ion Ratio Lower Upper
84 100
49 99.5 102.6 154.0#
51 36.3 31.9 47.9
86 42.6 51.0 76.6#

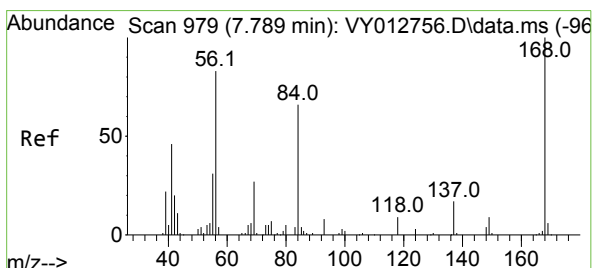
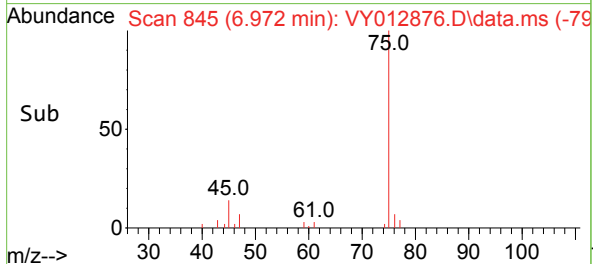
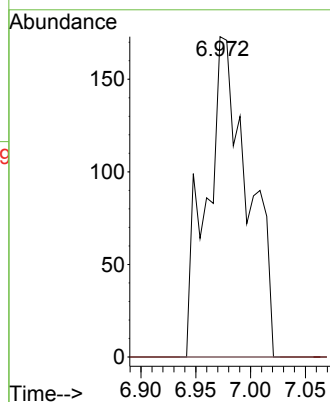
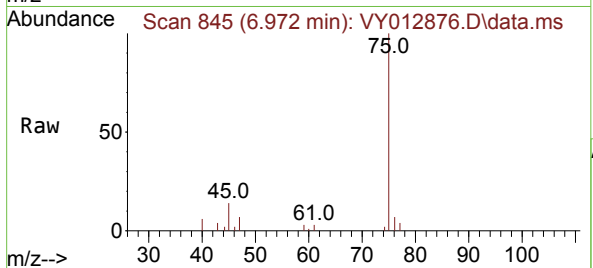




#25
2-Butanone
Concen: 1.299 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

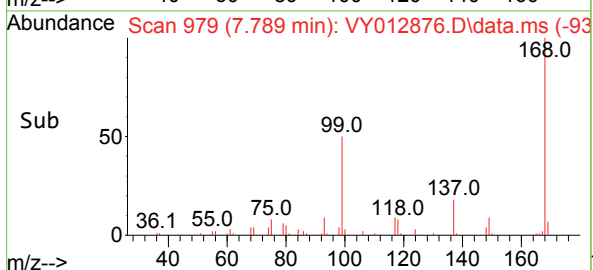
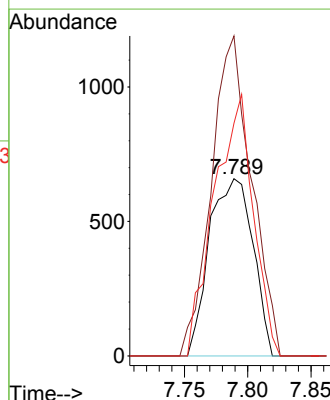
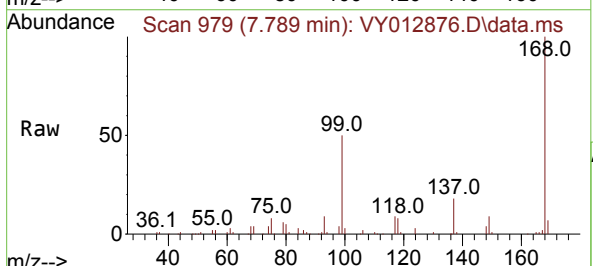
Instrument :
MSVOA_Y
ClientSampleId :
SS-06-20230306

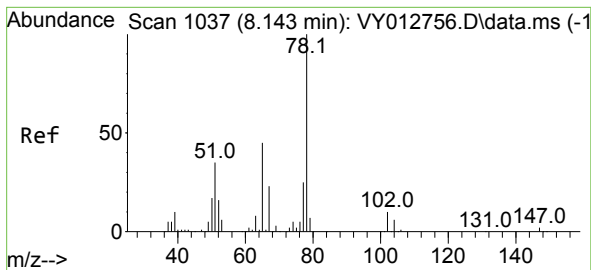
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Tgt Ion: 56 Resp: 1580
Ion Ratio Lower Upper
56 100
69 180.6 25.7 38.5#
84 131.3 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 63.712 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012876.D

Acq: 08 Mar 2023 17:13

Instrument :

MSVOA_Y

ClientSampleId :

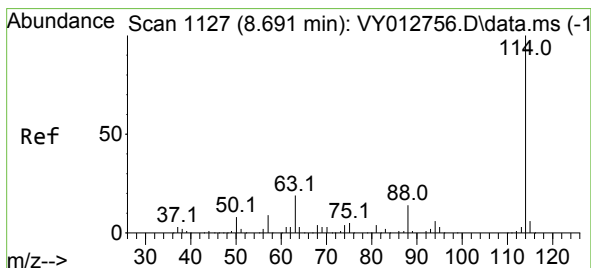
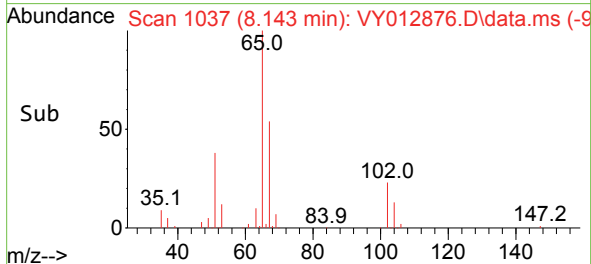
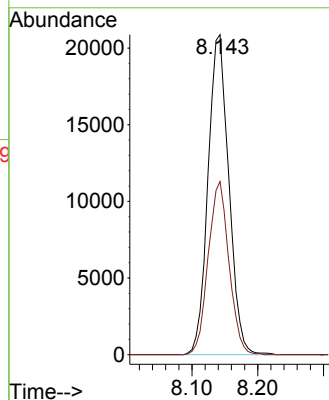
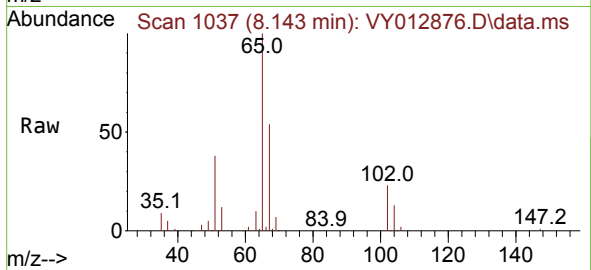
SS-06-20230306

Tgt Ion: 65 Resp: 45920

Ion Ratio Lower Upper

65 100

67 54.0 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: VY012876.D

Acq: 08 Mar 2023 17:13

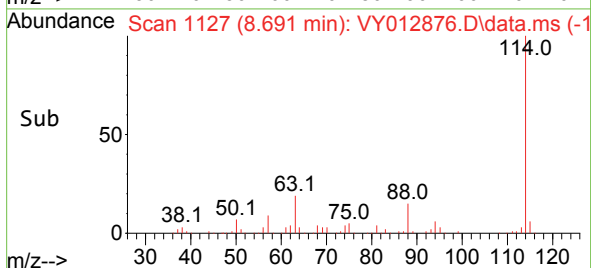
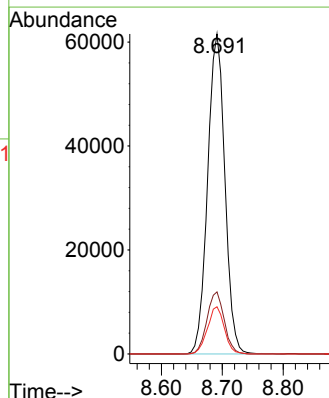
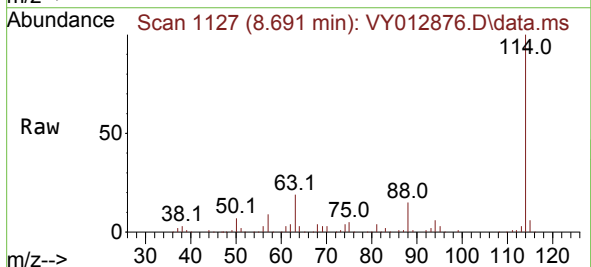
Tgt Ion: 114 Resp: 121055

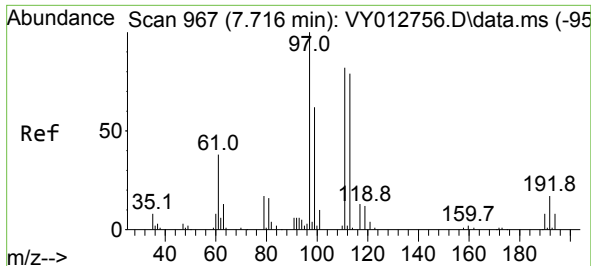
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.8 0.0 28.6

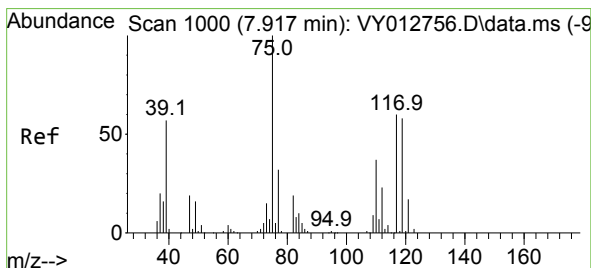
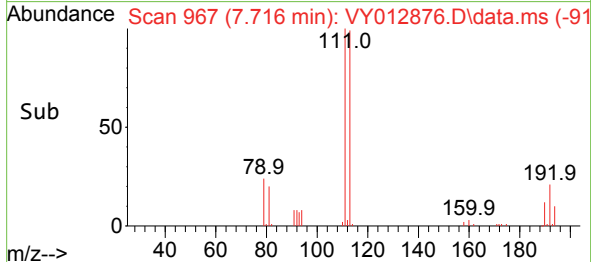
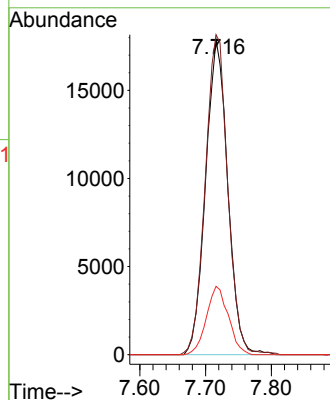
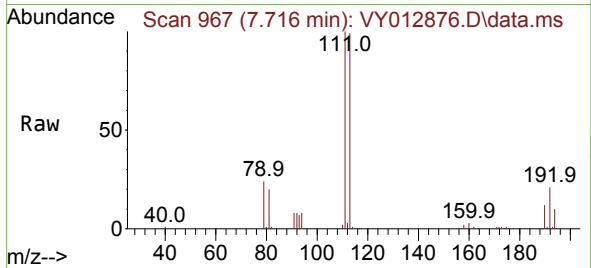




#35
Dibromofluoromethane
Concen: 57.278 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

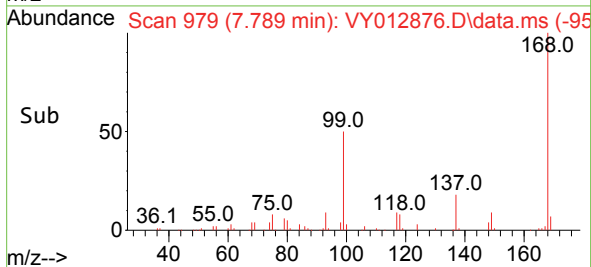
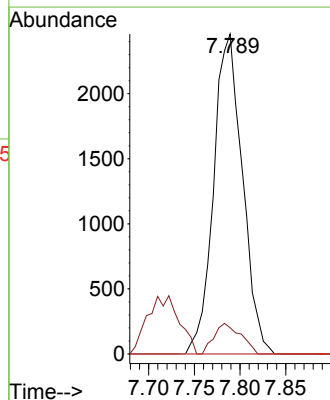
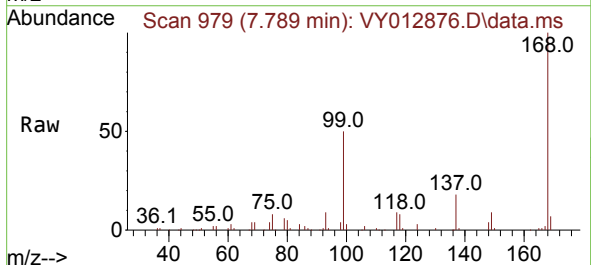
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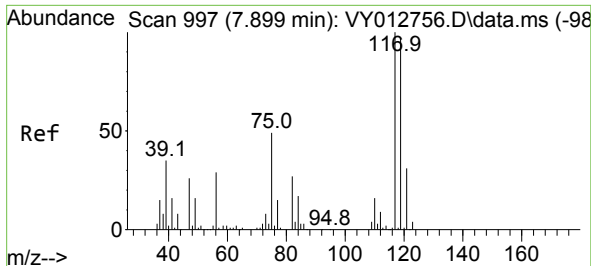
Tgt Ion:113 Resp: 41845
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

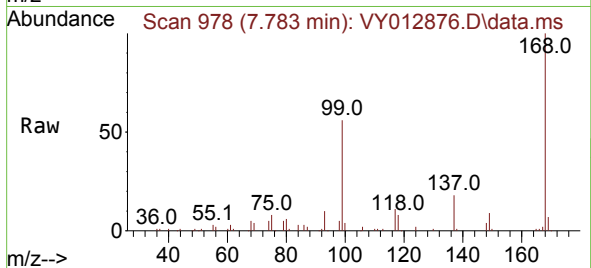
Tgt Ion: 75 Resp: 5400
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



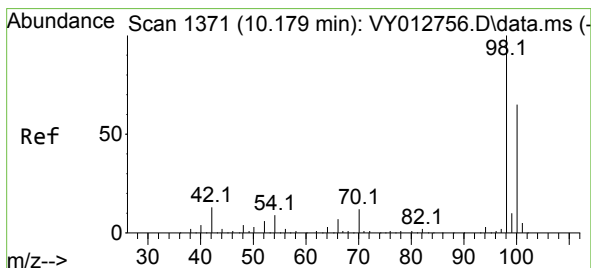
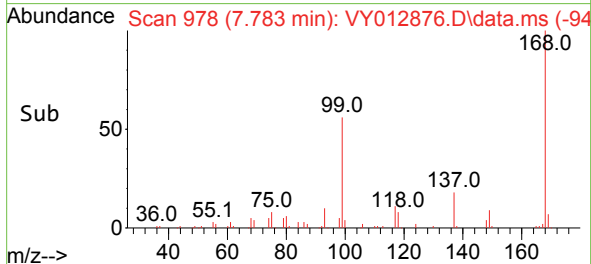
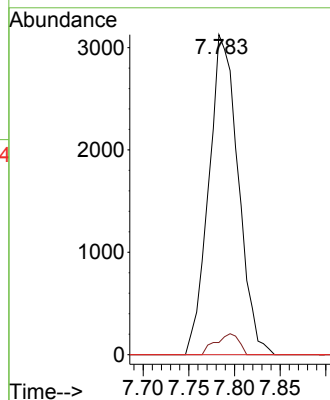


#38
Carbon Tetrachloride
Concen: 5.538 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Instrument :
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ClientSampleId :
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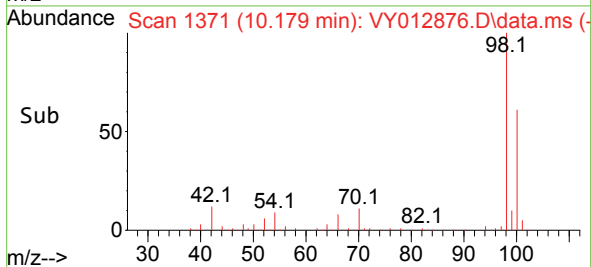
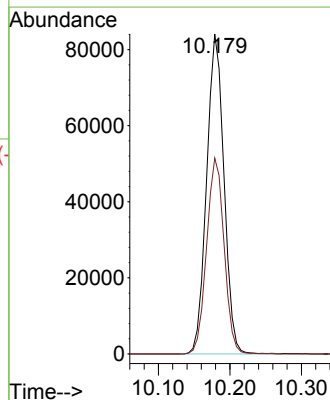
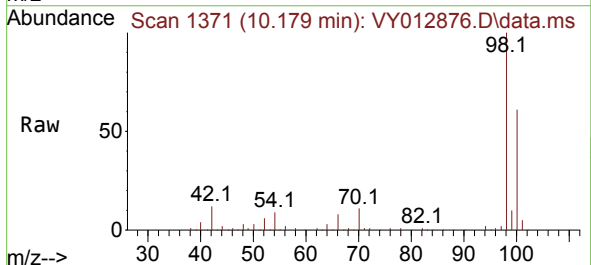


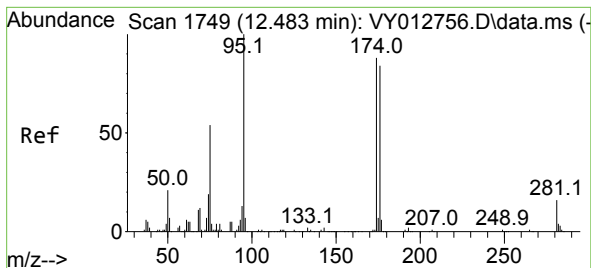
Tgt Ion:117 Resp: 7002
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.046 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Tgt Ion: 98 Resp: 141676
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

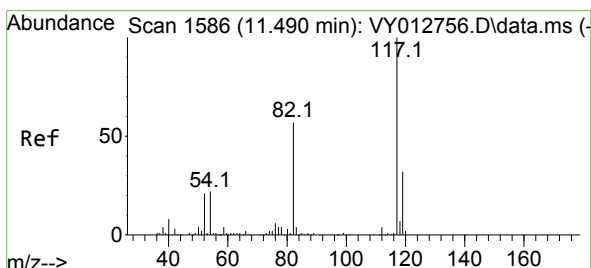
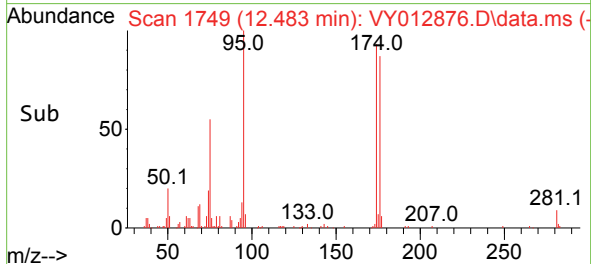
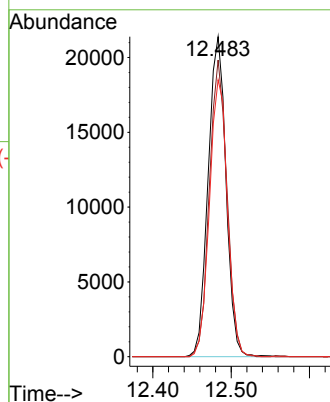
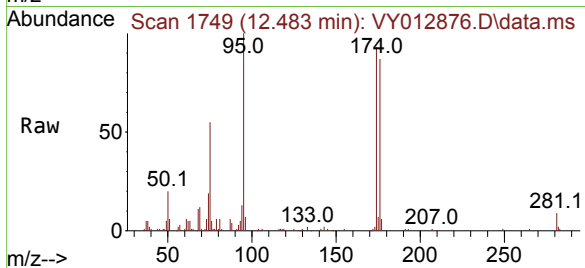




#62
4-Bromofluorobenzene
Concen: 37.619 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

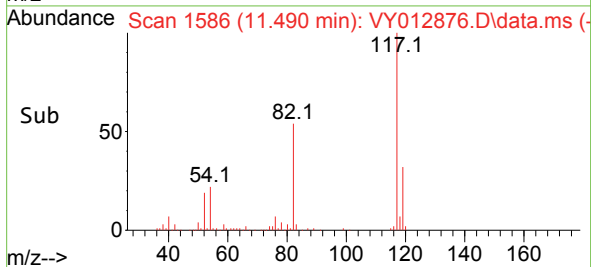
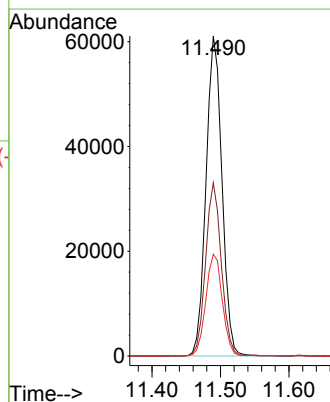
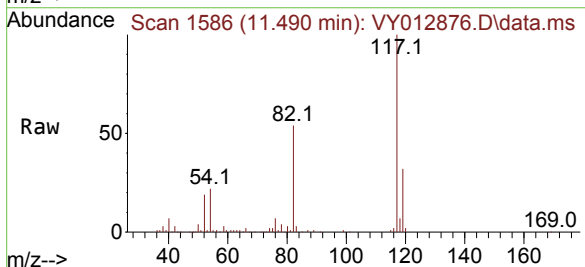
Instrument :
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SS-06-20230306

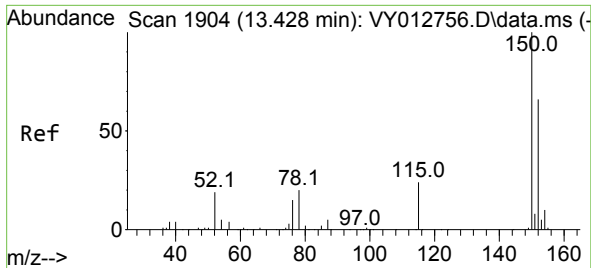
Tgt Ion: 95 Resp: 33912
Ion Ratio Lower Upper
95 100
174 91.3 0.0 176.6
176 87.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012876.D
Acq: 08 Mar 2023 17:13

Tgt Ion: 117 Resp: 98801
Ion Ratio Lower Upper
117 100
82 54.1 45.4 68.0
119 31.8 25.6 38.4

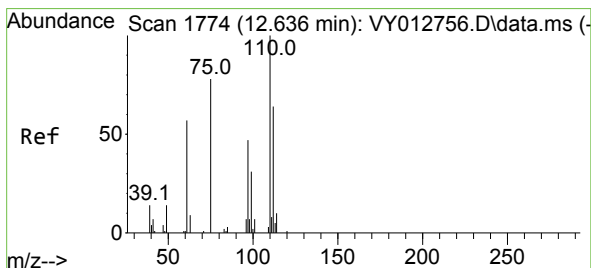
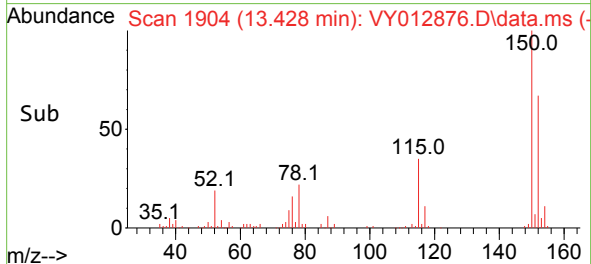
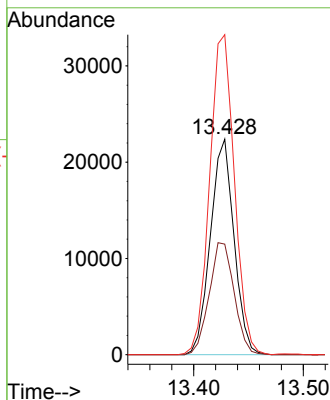
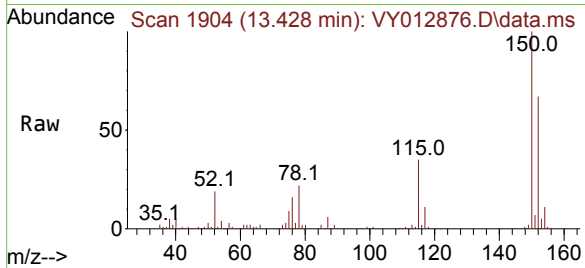




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012876.D
 Acq: 08 Mar 2023 17:13

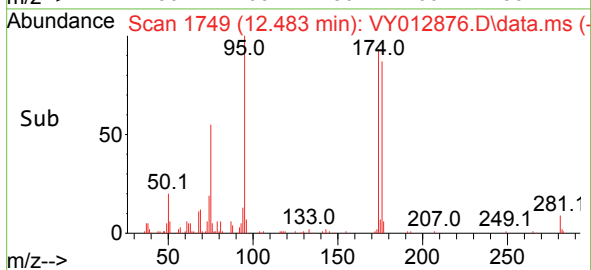
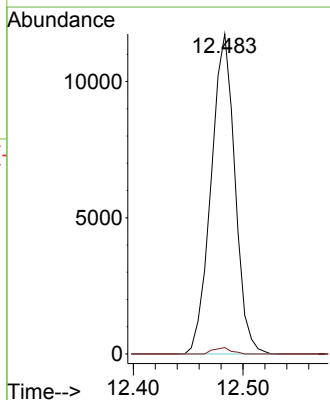
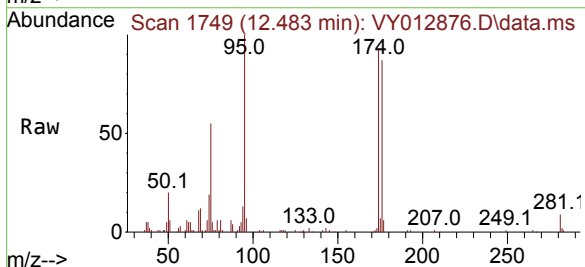
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

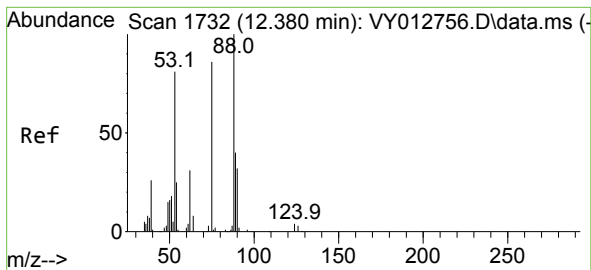
Tgt Ion:152 Resp: 33557
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.1 81.3
 150 155.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 44.395 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY012876.D
 Acq: 08 Mar 2023 17:13

Tgt Ion: 75 Resp: 17790
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.987 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012876.D
 Acq: 08 Mar 2023 17:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-06-20230306

Tgt Ion: 75 Resp: 17790
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

