

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012821.D
 Acq On : 06 Mar 2023 14:20
 Operator : KP/MD
 Sample : 01821-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-IDW-S-1

Quant Time: Mar 07 04:24:07 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)

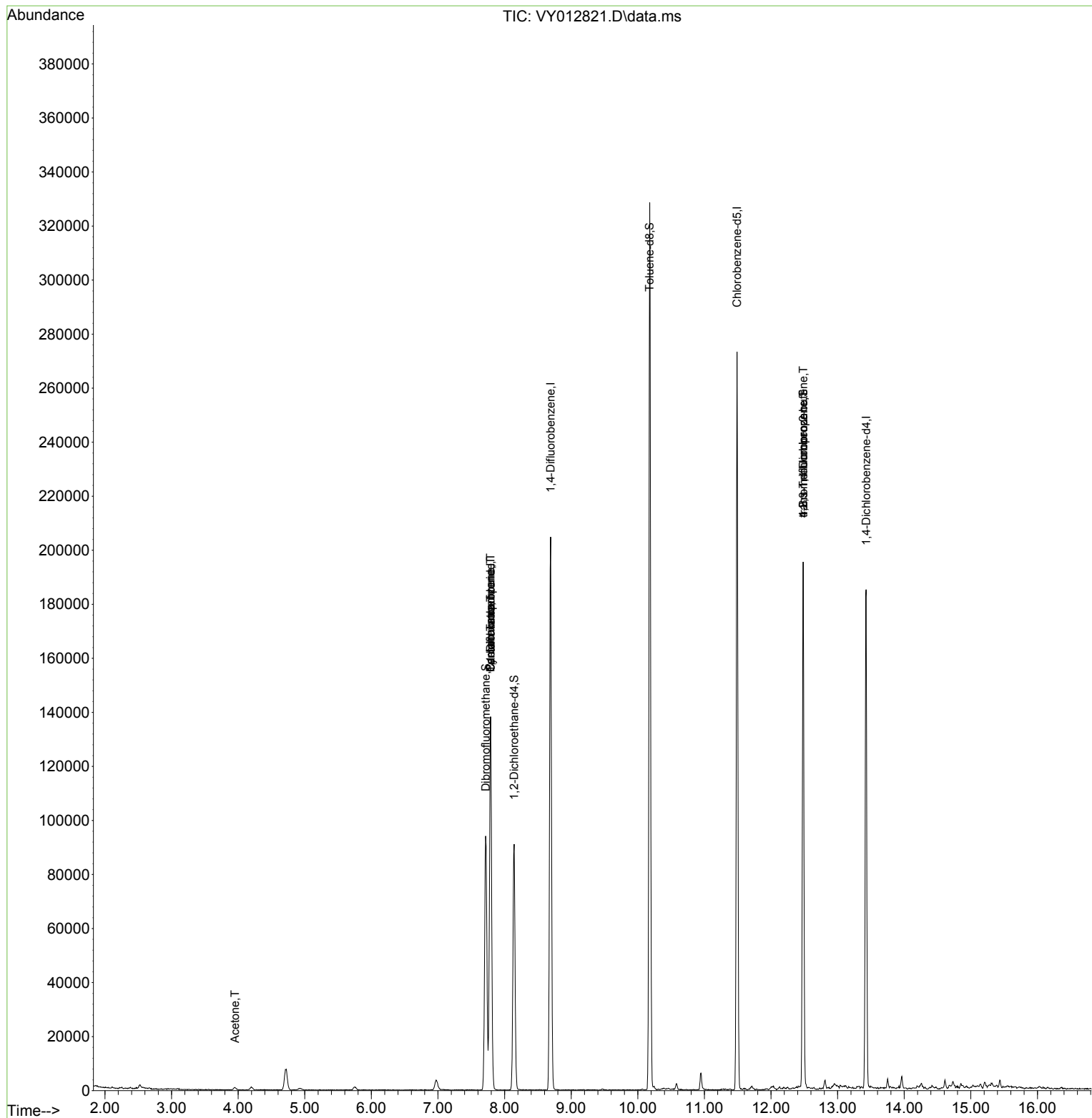
Internal Standards						
1) Pentafluorobenzene	7.789	168	108710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68306	63.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.560%	
35) Dibromofluoromethane	7.716	113	66254	63.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.800%	
50) Toluene-d8	10.179	98	209543	54.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.700%	
62) 4-Bromofluorobenzene	12.483	95	54316	42.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	326	Below Cal	#	74
16) Acetone	3.954	43	1626	3.838	ug/l	99
20) Methylene Chloride	4.722	84	6321	Below Cal	#	88
31) Cyclohexane	7.789	56	2233	1.080	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	7997	4.566	ug/l	# 49
38) Carbon Tetrachloride	7.789	117	10458	5.783	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	28676	50.644	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	28676	104.937	ug/l	# 13

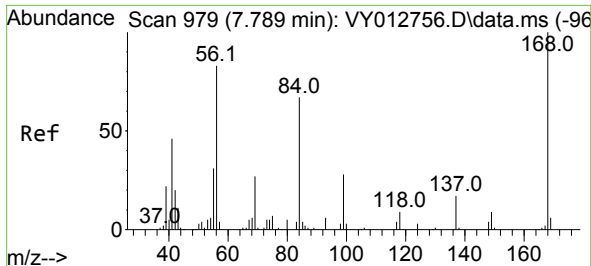
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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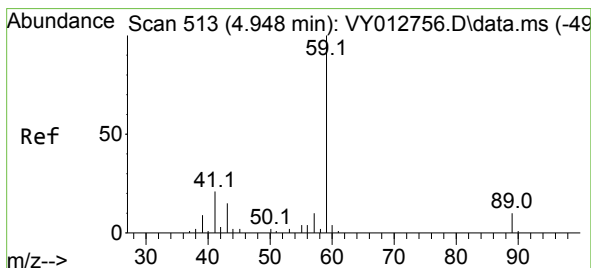
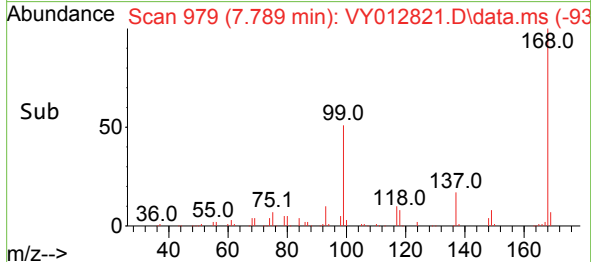
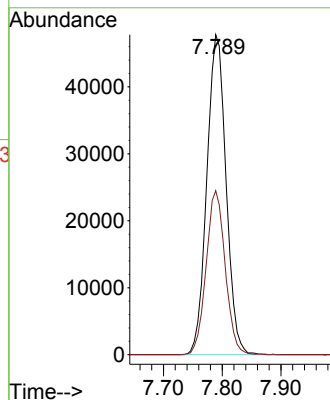
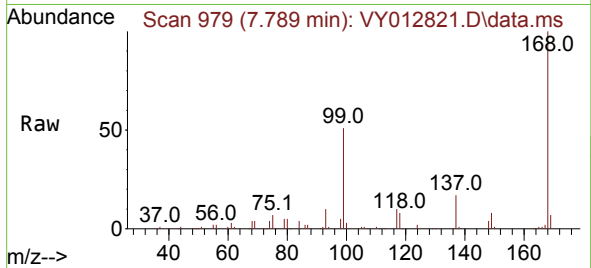




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

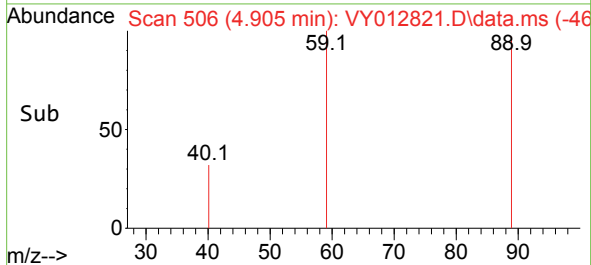
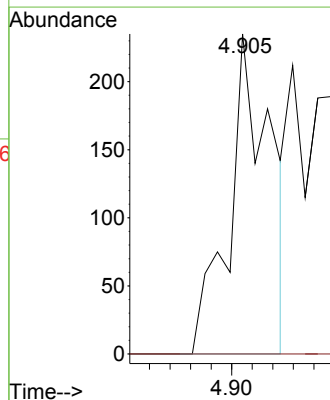
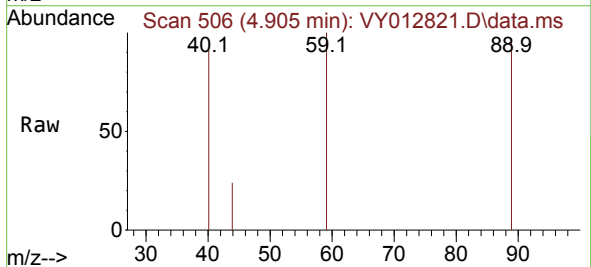
Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

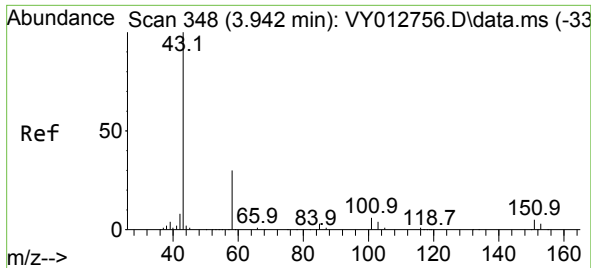
Tgt Ion:168 Resp: 108710
Ion Ratio Lower Upper
168 100
99 51.2 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.043 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 3.838 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY012821.D

Acq: 06 Mar 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

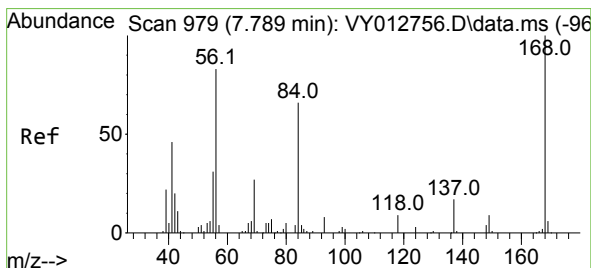
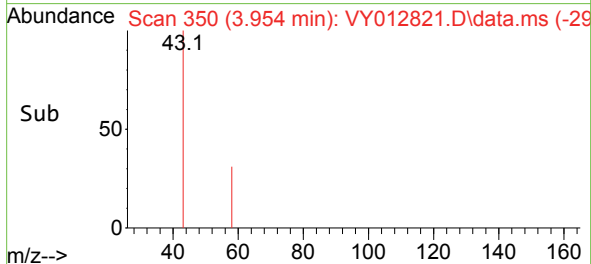
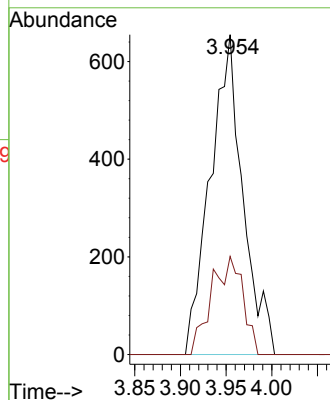
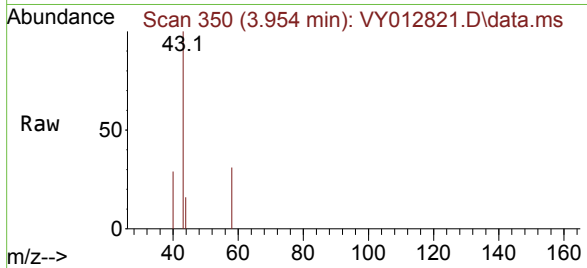
WC-IDW-S-1

Tgt Ion: 43 Resp: 1626

Ion Ratio Lower Upper

43 100

58 30.7 24.2 36.2



#31

Cyclohexane

Concen: 1.080 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY012821.D

Acq: 06 Mar 2023 14:20

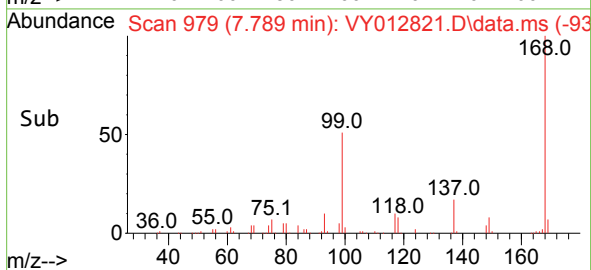
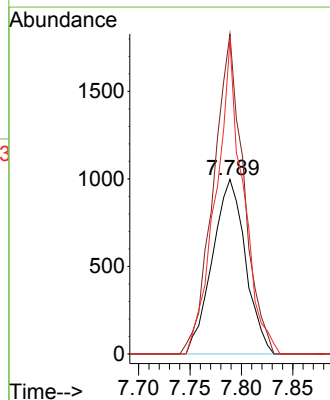
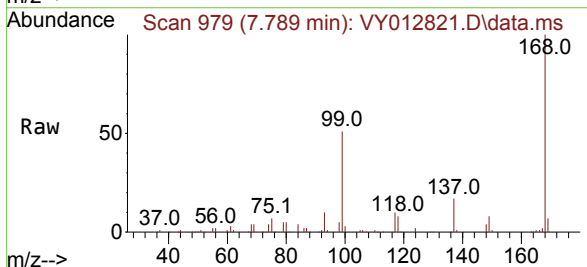
Tgt Ion: 56 Resp: 2233

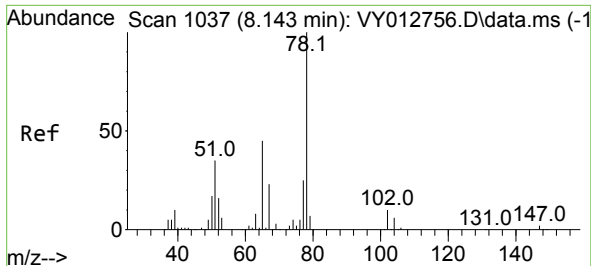
Ion Ratio Lower Upper

56 100

69 183.4 25.7 38.5#

84 179.7 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 63.284 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012821.D

Acq: 06 Mar 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

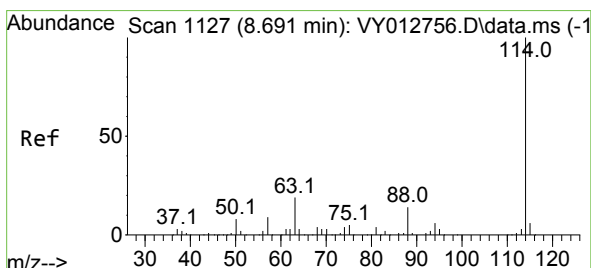
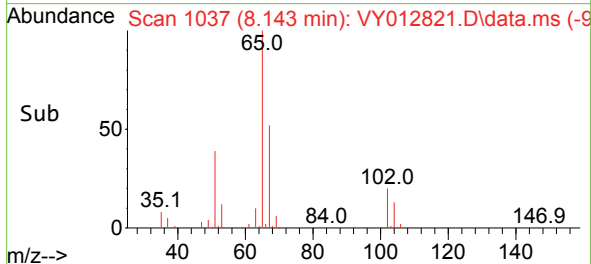
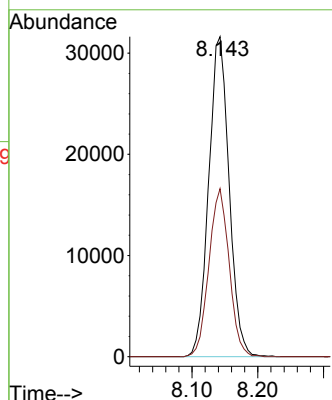
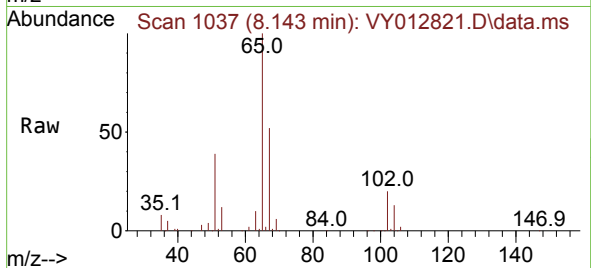
WC-IDW-S-1

Tgt Ion: 65 Resp: 68306

Ion Ratio Lower Upper

65 100

67 52.1 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: VY012821.D

Acq: 06 Mar 2023 14:20

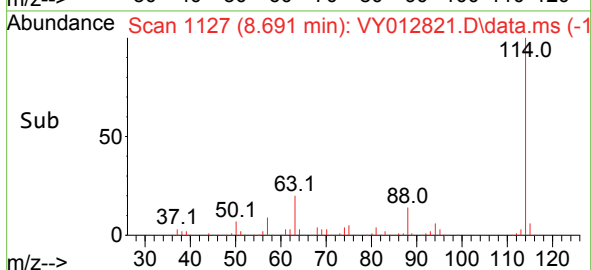
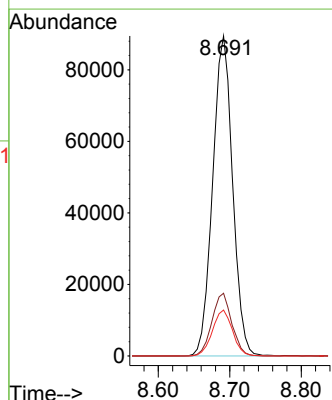
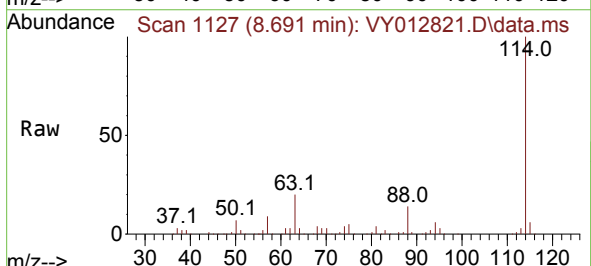
Tgt Ion: 114 Resp: 173167

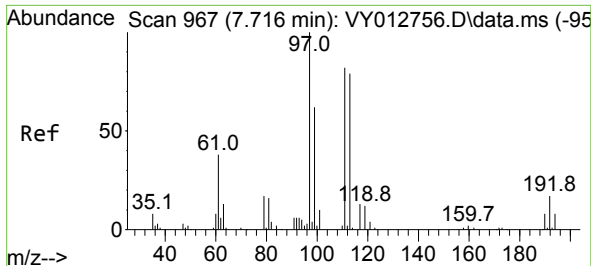
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.4 0.0 28.6

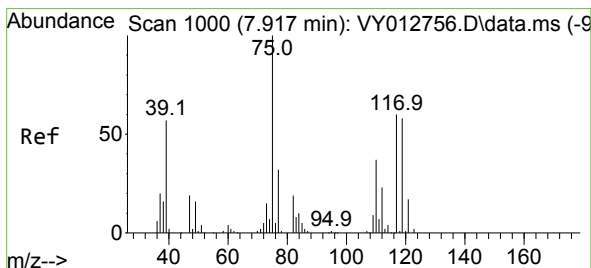
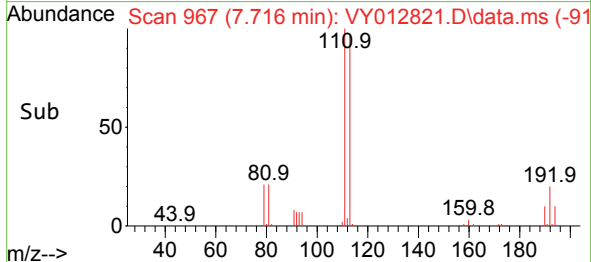
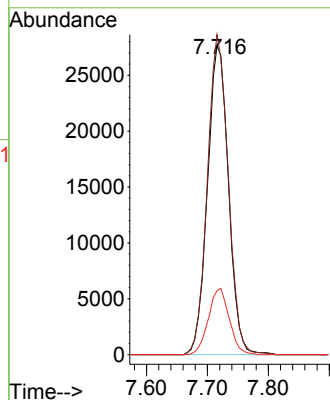
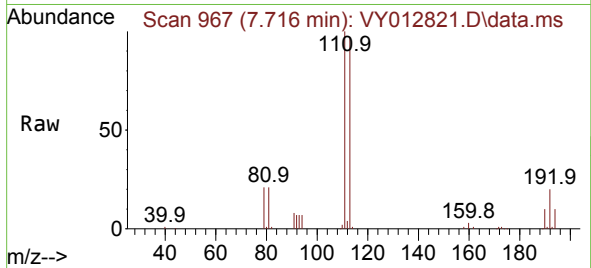




#35
Dibromofluoromethane
Concen: 63.397 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

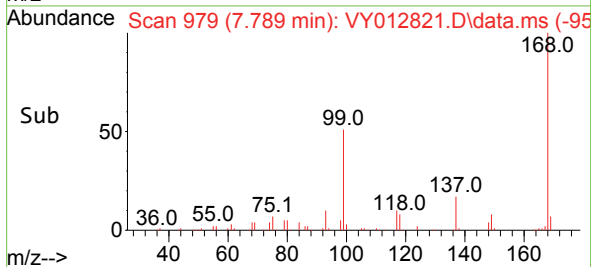
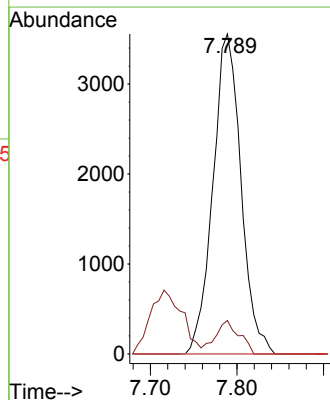
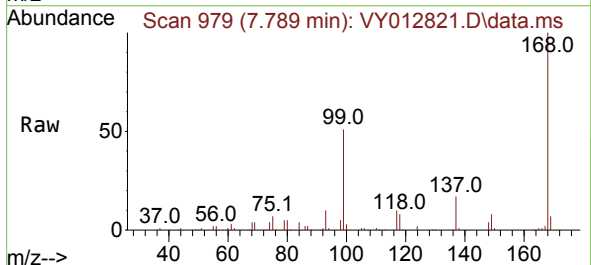
Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

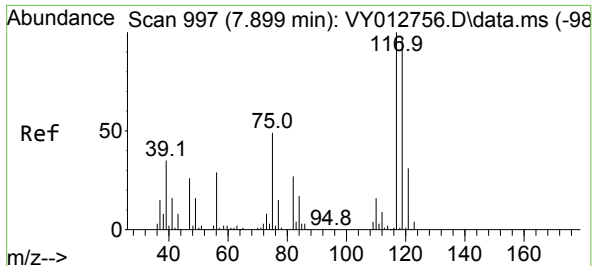
Tgt Ion:113 Resp: 66254
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.566 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

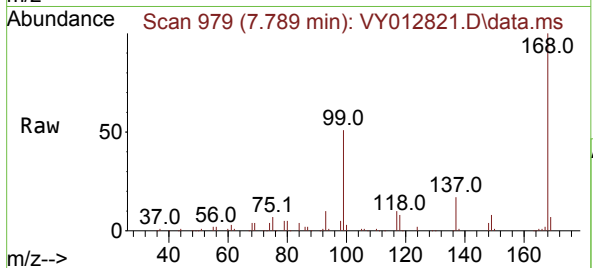
Tgt Ion: 75 Resp: 7997
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.3#
77 0.0 25.0 37.4#



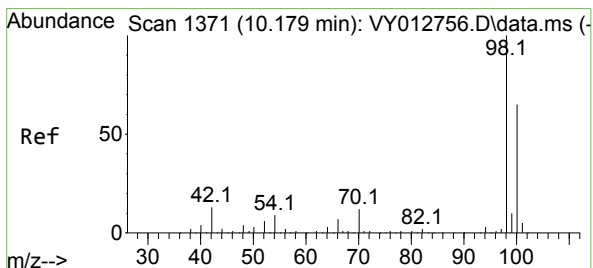
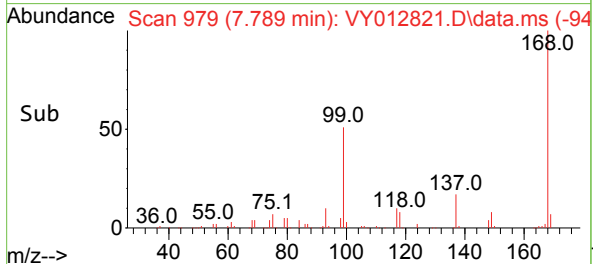
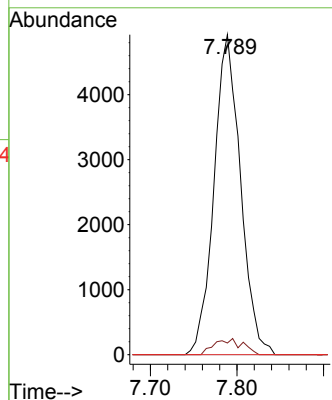


#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

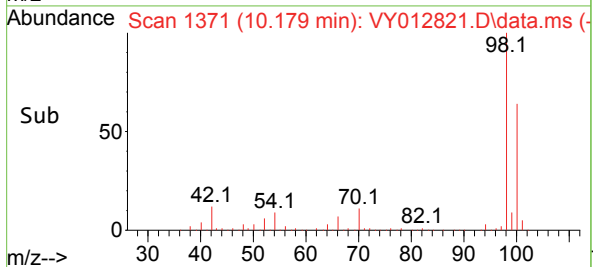
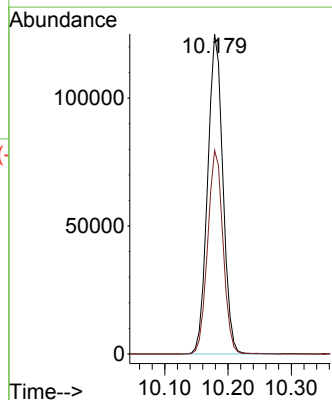
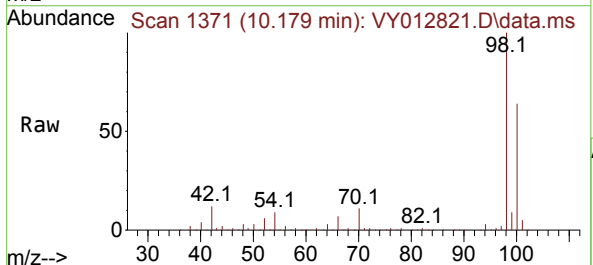


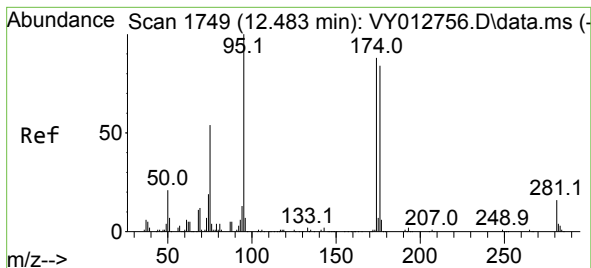
Tgt Ion:117 Resp: 10458
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.847 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Tgt Ion: 98 Resp: 209543
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

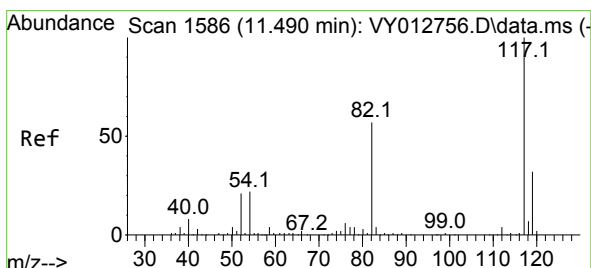
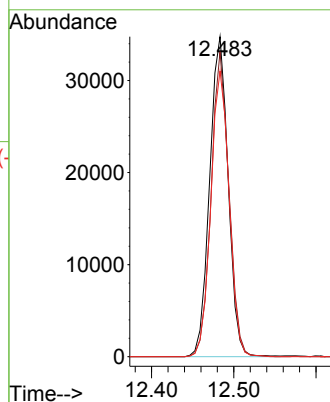
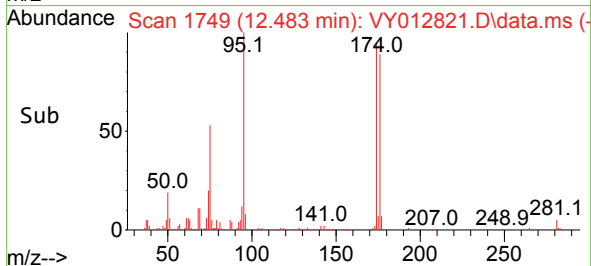
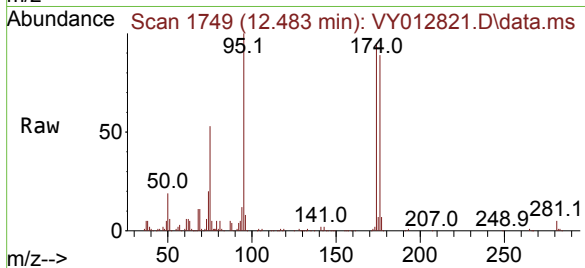




#62
4-Bromofluorobenzene
Concen: 42.121 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

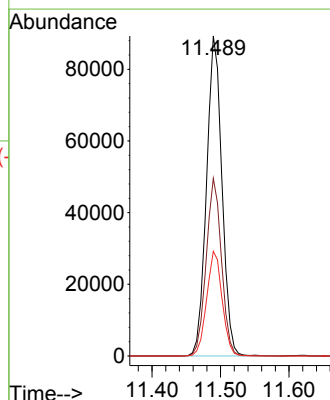
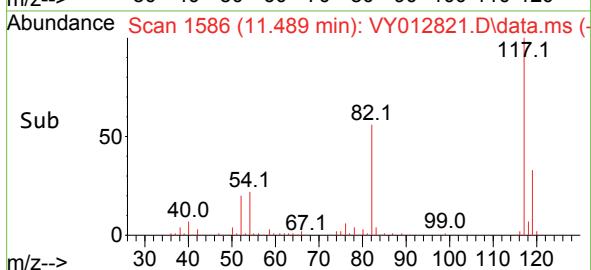
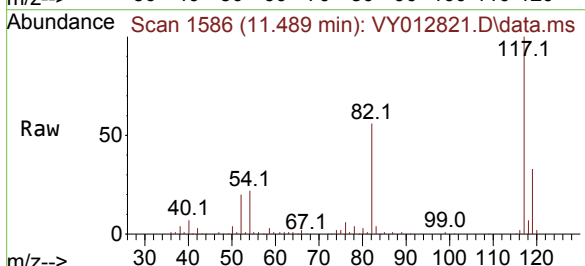
Instrument :
MSVOA_Y
ClientSampleId :
WC-IDW-S-1

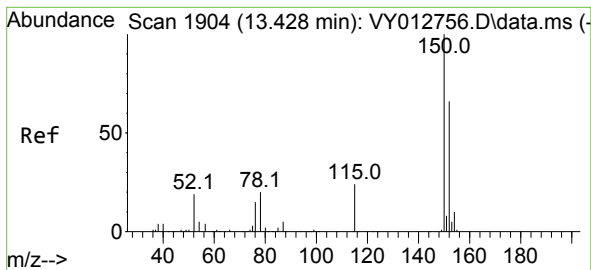
Tgt Ion: 95 Resp: 54316
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 88.4 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012821.D
Acq: 06 Mar 2023 14:20

Tgt Ion: 117 Resp: 140078
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.7 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: VY012821.D

Acq: 06 Mar 2023 14:20

Instrument :

MSVOA_Y

ClientSampleId :

WC-IDW-S-1

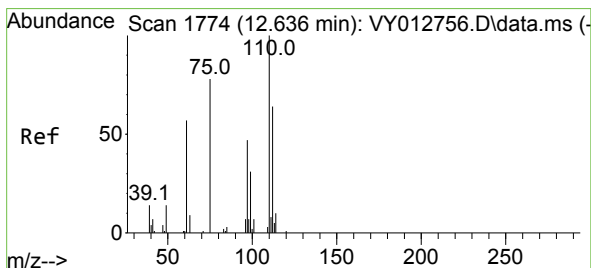
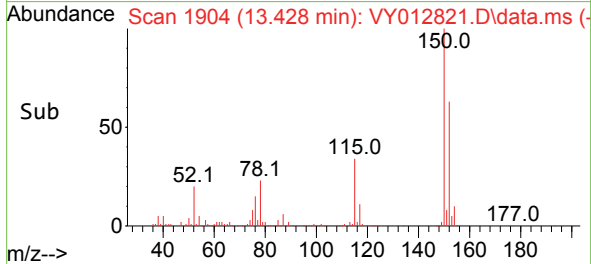
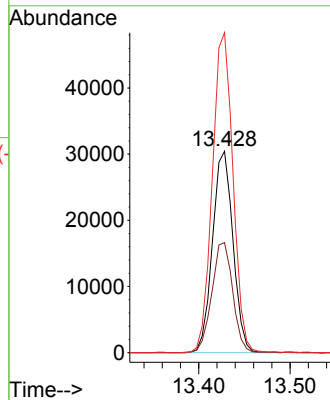
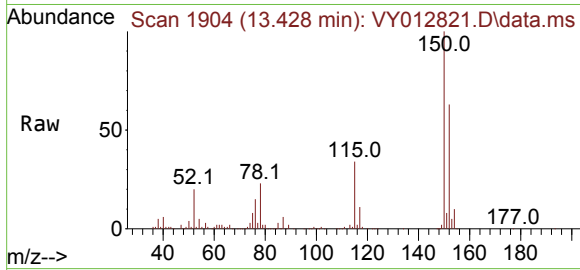
Tgt Ion:152 Resp: 47416

Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 159.7 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 50.644 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012821.D

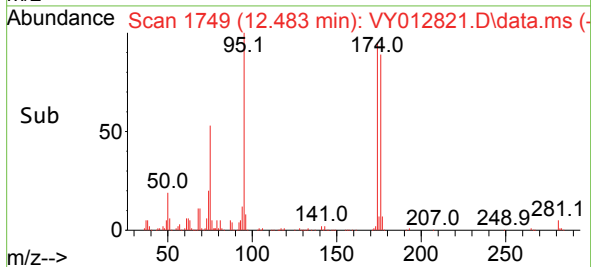
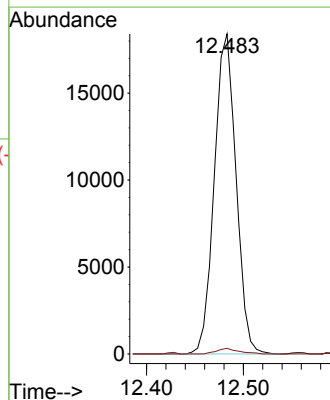
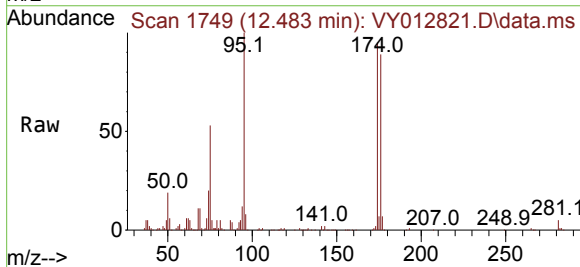
Acq: 06 Mar 2023 14:20

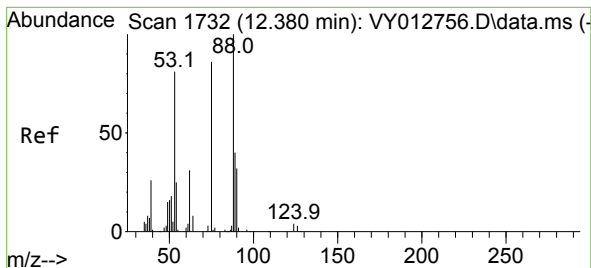
Tgt Ion: 75 Resp: 28676

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.937 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012821.D
 Acq: 06 Mar 2023 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-IDW-S-1

Tgt Ion: 75 Resp: 28676
 Ion Ratio Lower Upper
 75 100
 53 0.3 73.4 110.0#
 89 0.1 36.6 55.0#

