

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031723\
 Data File : VY012985.D
 Acq On : 17 Mar 2023 14:28
 Operator : KP/MD
 Sample : VY0317SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 05:44:23 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)

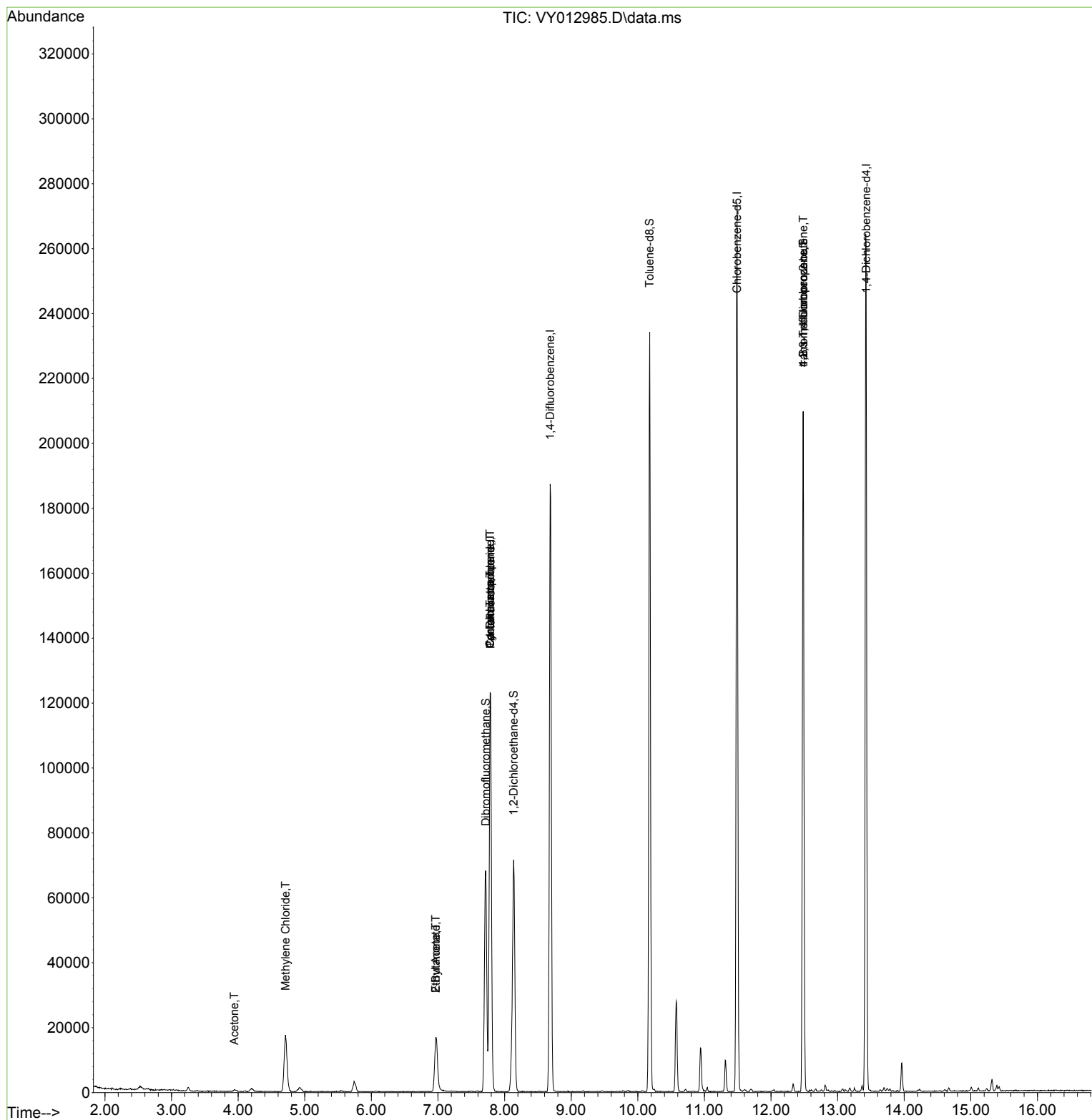
Internal Standards						
1) Pentafluorobenzene	7.789	168	98200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	160864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	142863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51004	52.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.620%	
35) Dibromofluoromethane	7.716	113	48464	49.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.840%	
50) Toluene-d8	10.179	98	149954	42.251	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.500%	
62) 4-Bromofluorobenzene	12.483	95	53747	44.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.740%	
Target Compounds						
11) Tert butyl alcohol	4.930	59	1501	Below Cal	#	74
16) Acetone	3.942	43	1194	3.120	ug/l	96
20) Methylene Chloride	4.710	84	12318	5.798	ug/l	93
25) 2-Butanone	6.966	43	1184	2.498	ug/l	# 49
31) Cyclohexane	7.783	56	2233	1.196	ug/l	# 5
36) 1,1-Dichloropropene	7.783	75	7506	4.614	ug/l	# 50
37) Ethyl Acetate	6.966	43	1184	1.155	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	9369	5.577	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	28054	33.984	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	28054	70.416	ug/l	# 13

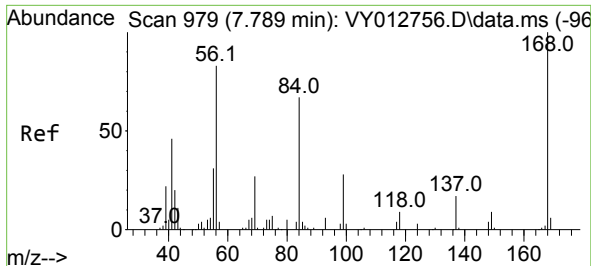
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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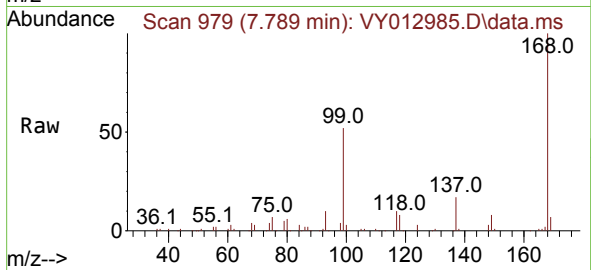
Quant Time: Mar 18 05:44:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
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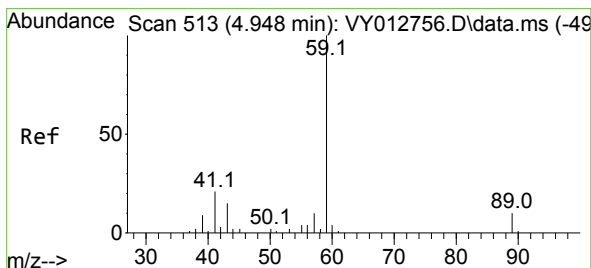
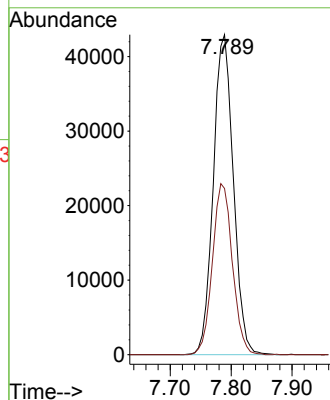
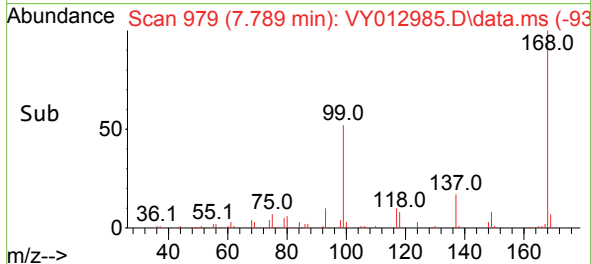


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012985.D
Acq: 17 Mar 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

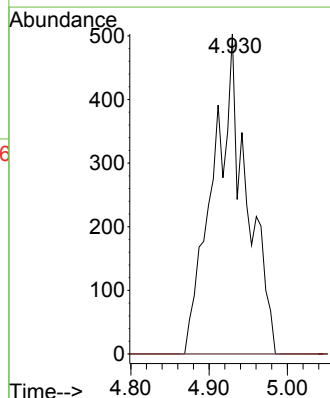
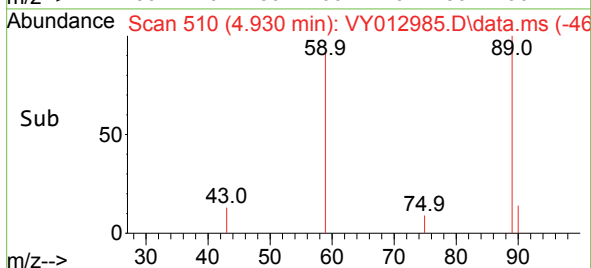
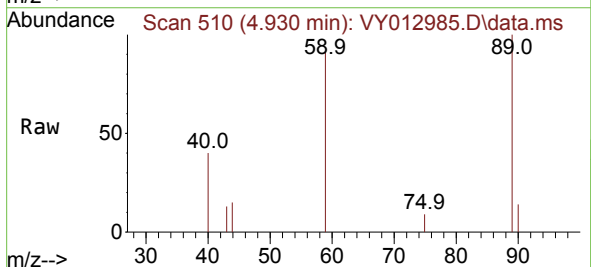


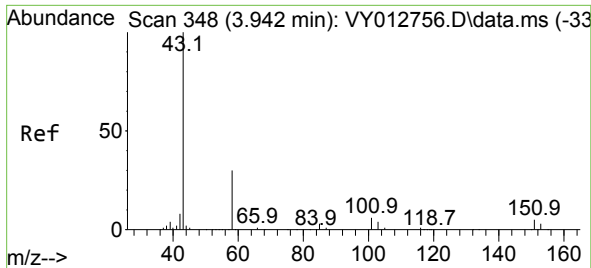
Tgt Ion:168 Resp: 98200
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012985.D
Acq: 17 Mar 2023 14:28

Tgt Ion: 59 Resp: 1501
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 3.120 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

Instrument :

MSVOA_Y

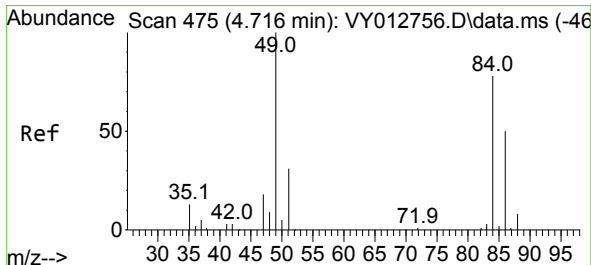
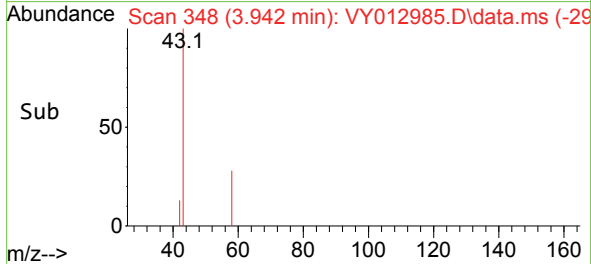
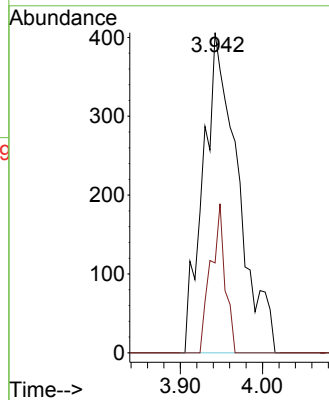
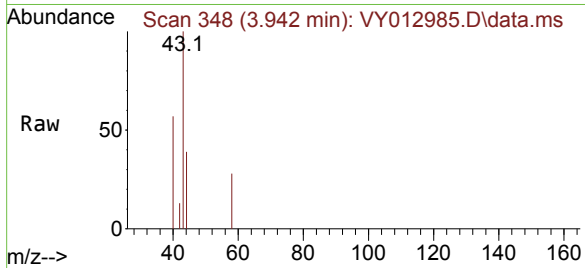
ClientSampleId :

Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

58 28.1 24.2 36.2



#20

Methylene Chloride

Concen: 5.798 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

Tgt Ion: 84 Resp: 12318

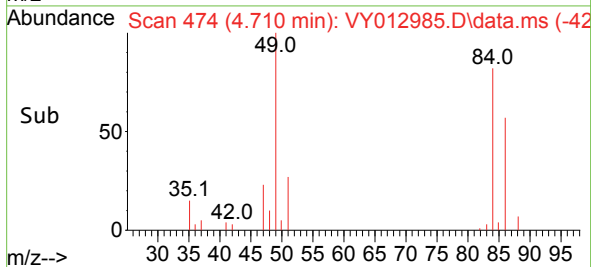
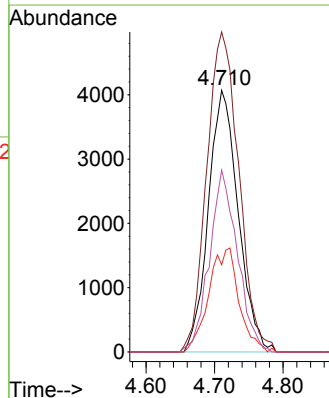
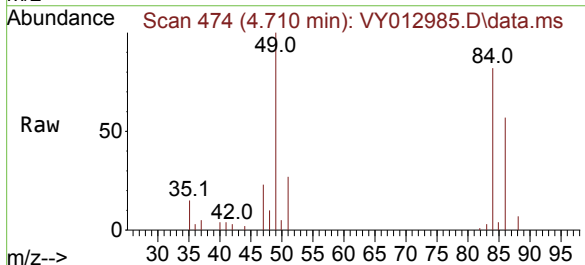
Ion Ratio Lower Upper

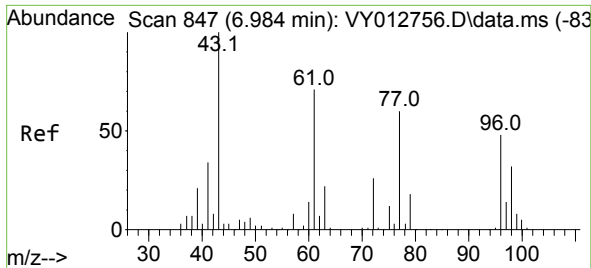
84 100

49 122.3 102.6 154.0

51 33.3 31.9 47.9

86 69.5 51.0 76.6

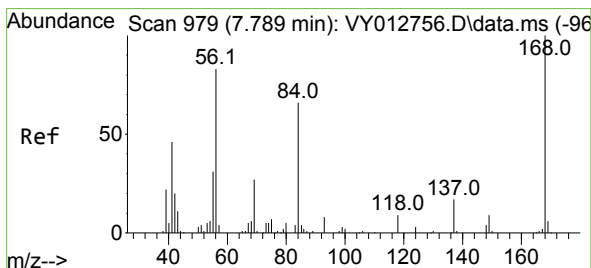
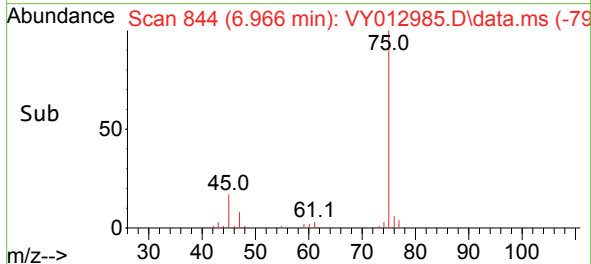
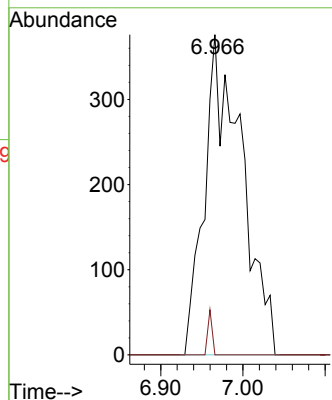
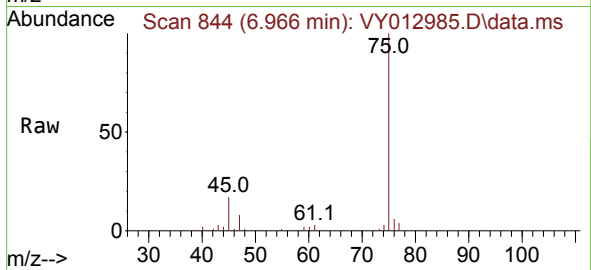




#25
2-Butanone
Concen: 2.498 ug/l
RT: 6.966 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY012985.D
Acq: 17 Mar 2023 14:28

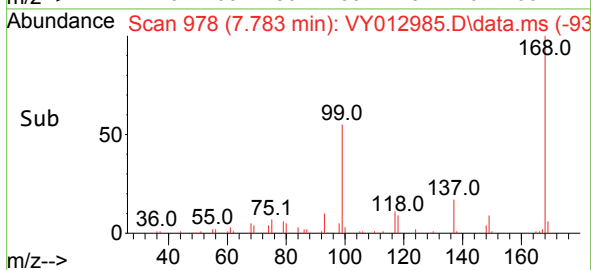
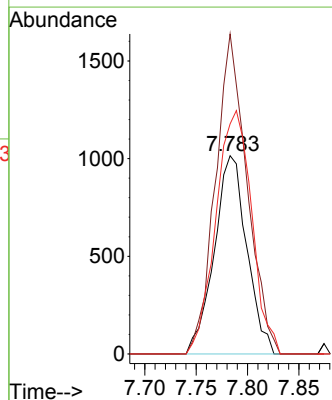
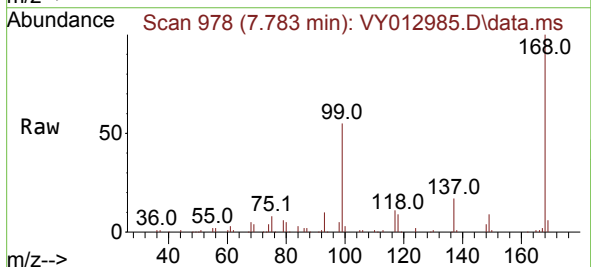
Instrument :
MSVOA_Y
ClientSampleId :

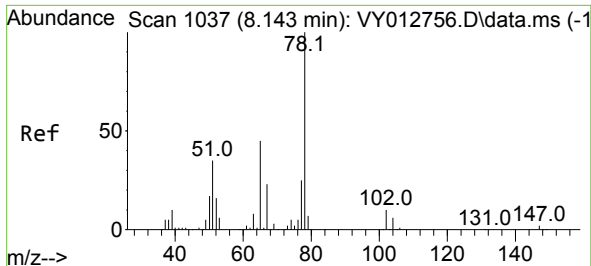
Tgt Ion: 43 Resp: 1184
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#



#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY012985.D
Acq: 17 Mar 2023 14:28

Tgt Ion: 56 Resp: 2233
Ion Ratio Lower Upper
56 100
69 161.4 25.7 38.5#
84 116.1 64.3 96.5#

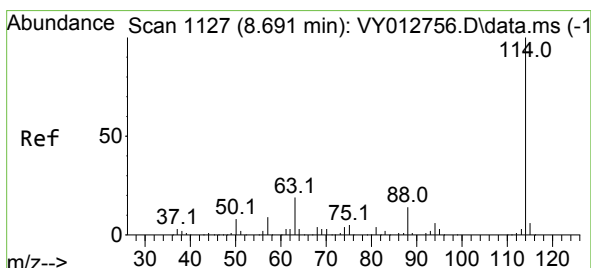
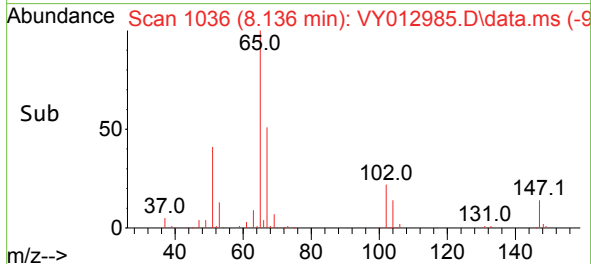
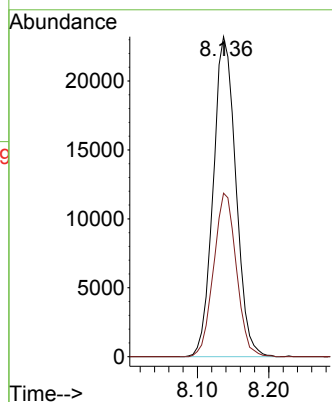
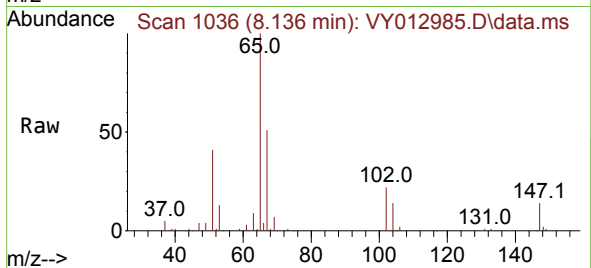




#33
 1,2-Dichloroethane-d4
 Concen: 52.312 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VY012985.D
 Acq: 17 Mar 2023 14:28

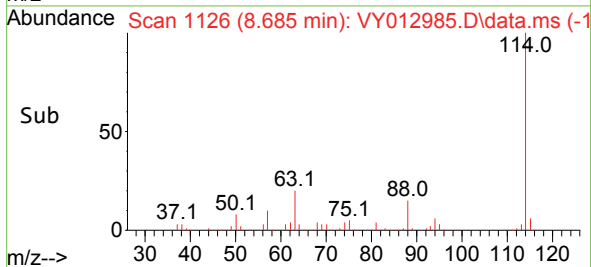
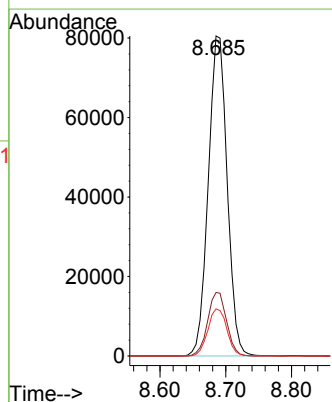
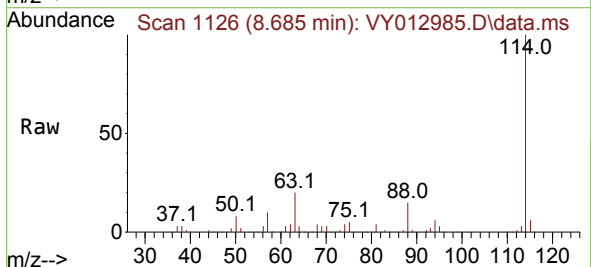
Instrument :
 MSVOA_Y
 ClientSampleId :

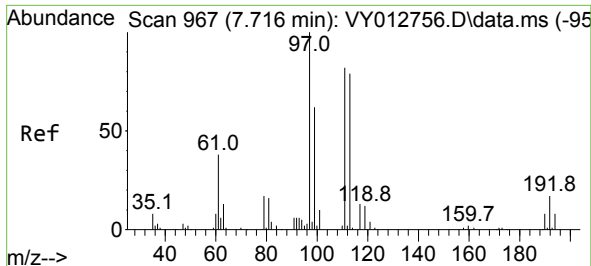
Tgt Ion: 65 Resp: 51004
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012985.D
 Acq: 17 Mar 2023 14:28

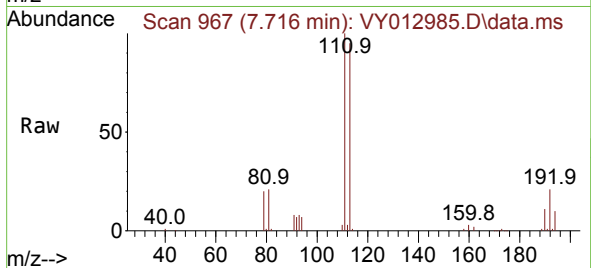
Tgt Ion: 114 Resp: 160864
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.4
 88 14.7 0.0 28.6



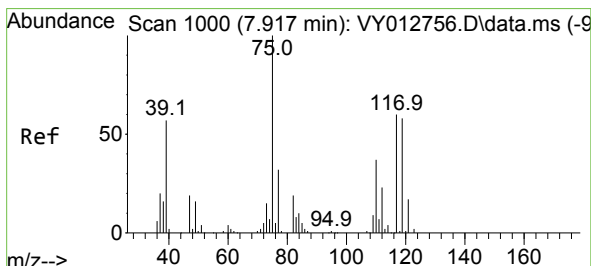
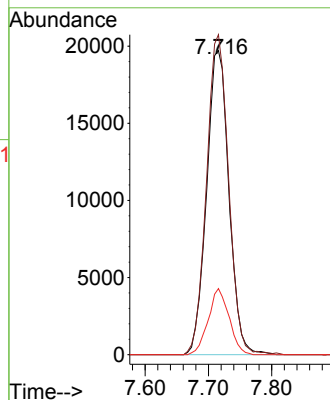
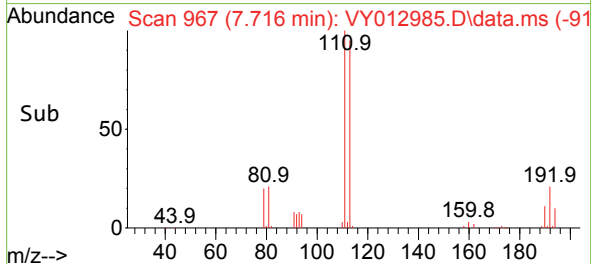


#35
Dibromofluoromethane
Concen: 49.921 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012985.D
Acq: 17 Mar 2023 14:28

Instrument :
MSVOA_Y
ClientSampleId :

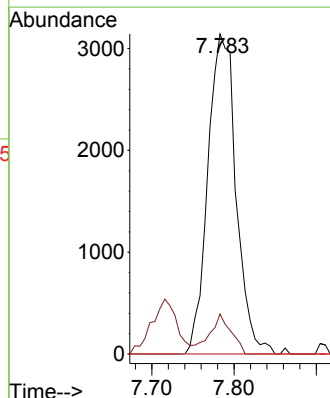
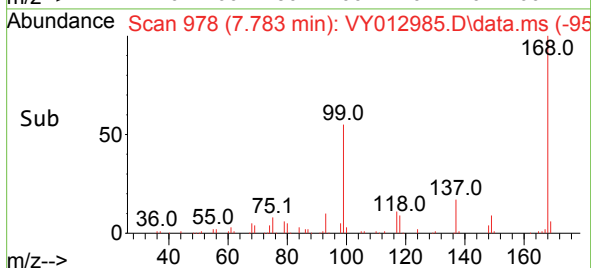
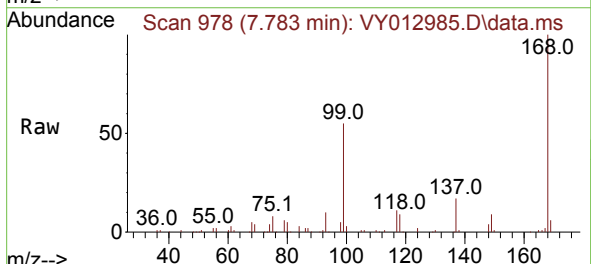


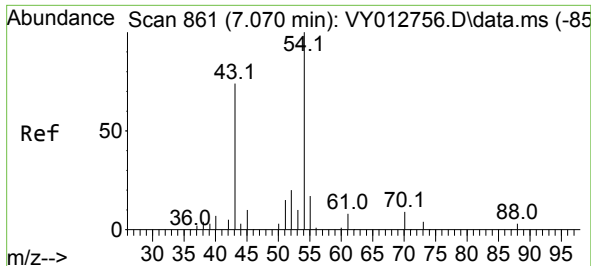
Tgt Ion:113 Resp: 48464
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 20.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.614 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012985.D
Acq: 17 Mar 2023 14:28

Tgt Ion: 75 Resp: 7506
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 1.155 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.104 min

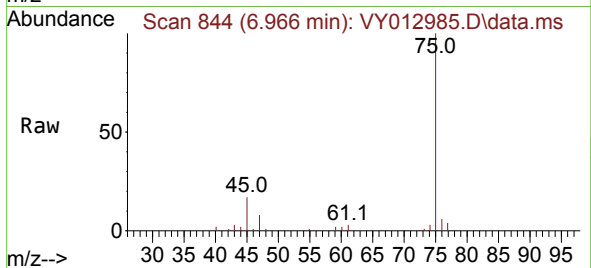
Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

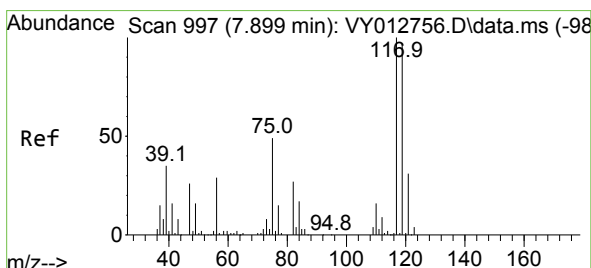
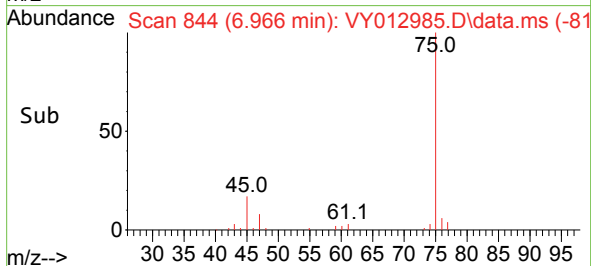
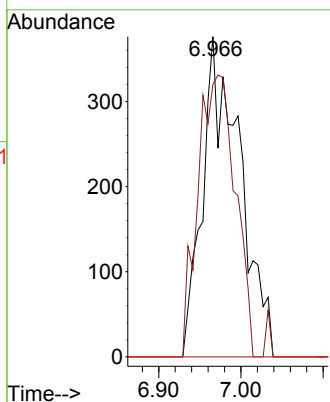
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 1184
Ion Ratio	Lower Upper
43	100
61	88.4 10.7 16.1#
70	0.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.577 ug/l

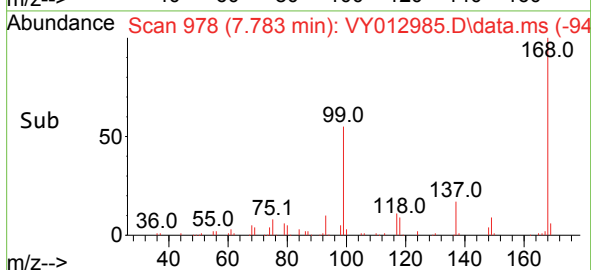
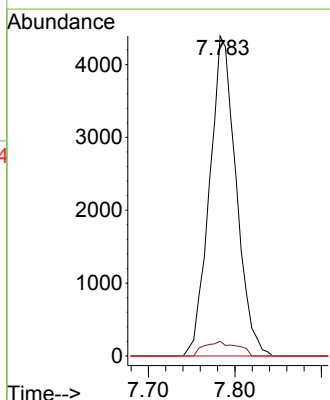
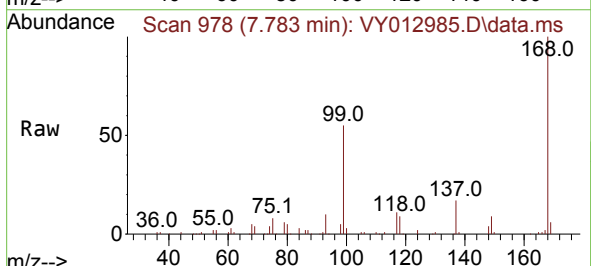
RT: 7.783 min Scan# 978

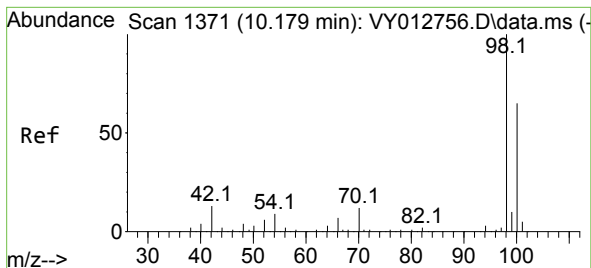
Delta R.T. -0.116 min

Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

Tgt Ion: 117	Resp: 9369
Ion Ratio	Lower Upper
117	100
119	4.6 77.2 115.8#
121	0.0 24.7 37.1#





#50

Toluene-d8

Concen: 42.251 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

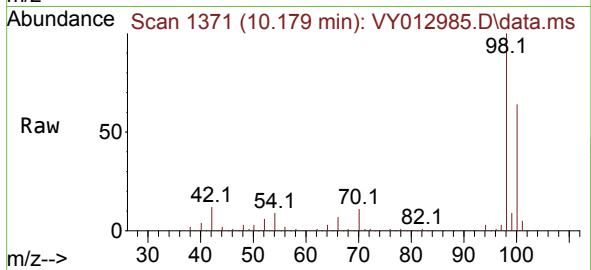
Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

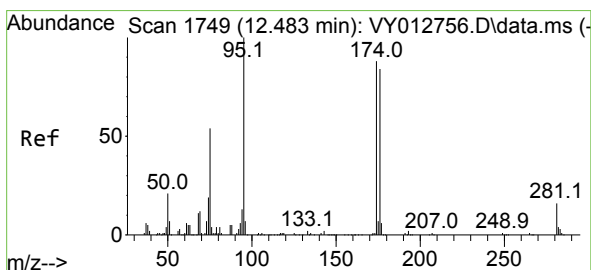
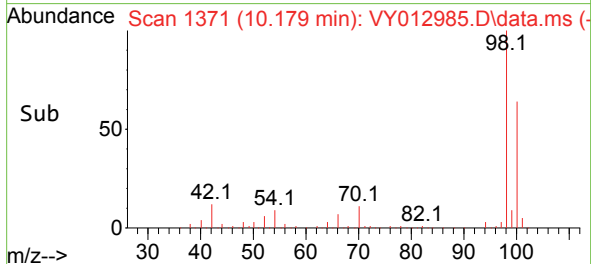
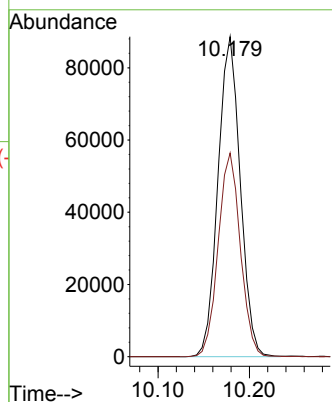


Tgt Ion: 98 Resp: 149954

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 44.867 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

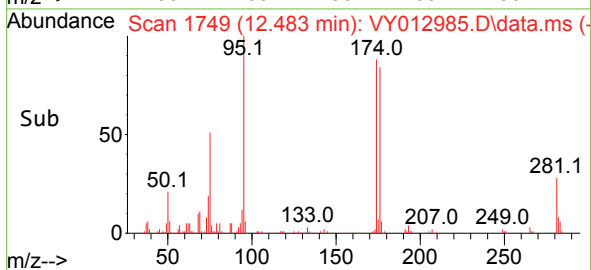
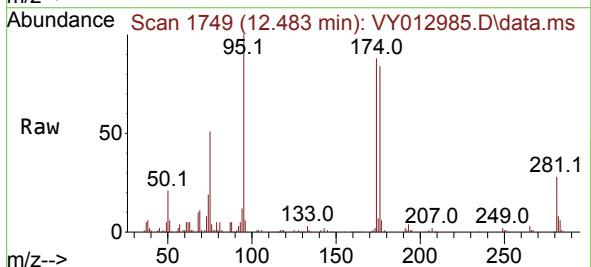
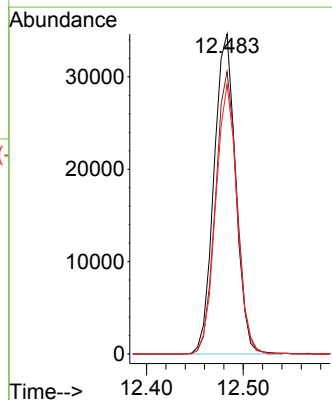
Tgt Ion: 95 Resp: 53747

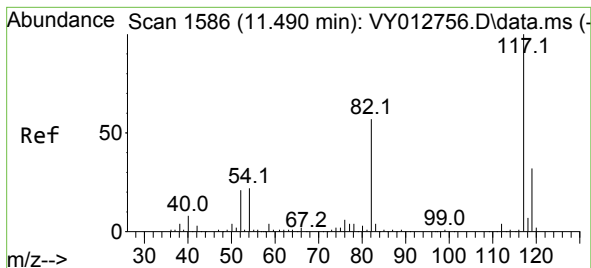
Ion Ratio Lower Upper

95 100

174 88.4 0.0 176.6

176 82.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

Instrument :

MSVOA_Y

ClientSampleId :

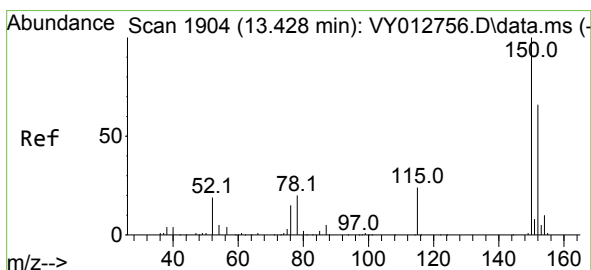
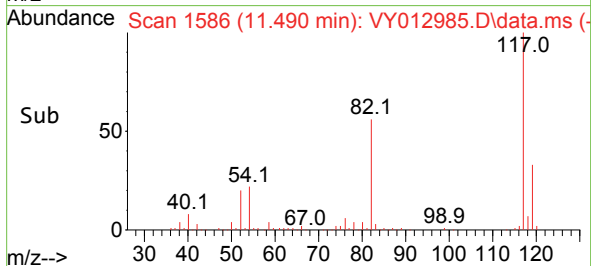
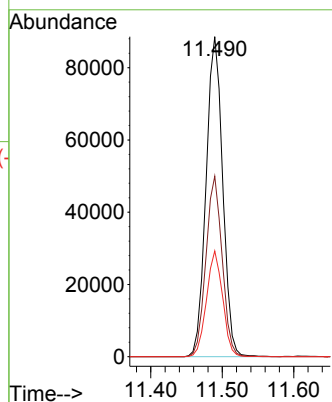
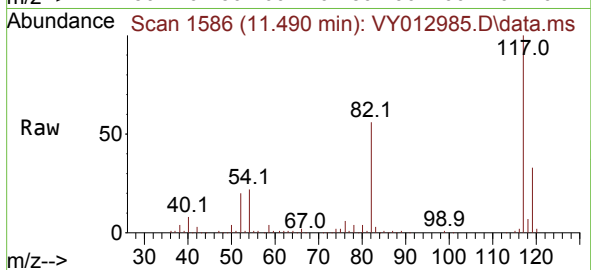
Tgt Ion:117 Resp: 142863

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.0

119 33.1 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: VY012985.D

Acq: 17 Mar 2023 14:28

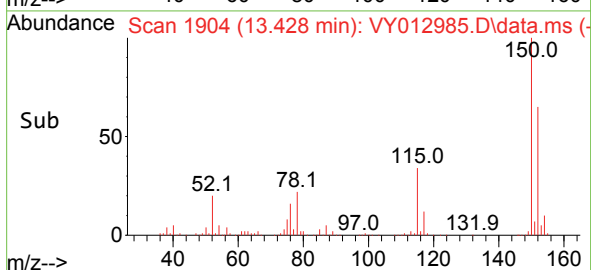
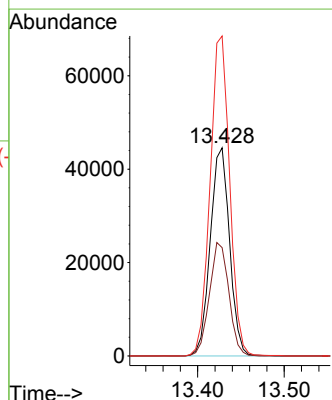
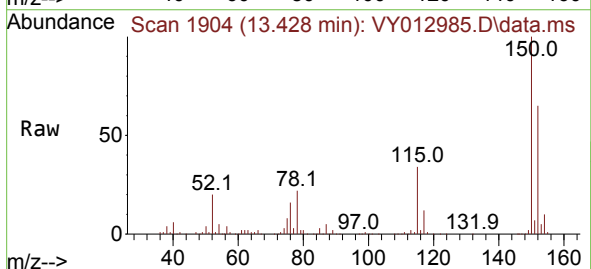
Tgt Ion:152 Resp: 69128

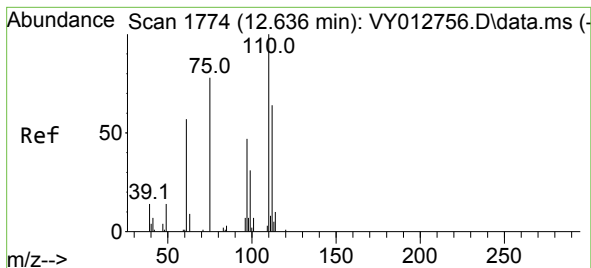
Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 155.7 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 33.984 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

Instrument :

MSVOA_Y

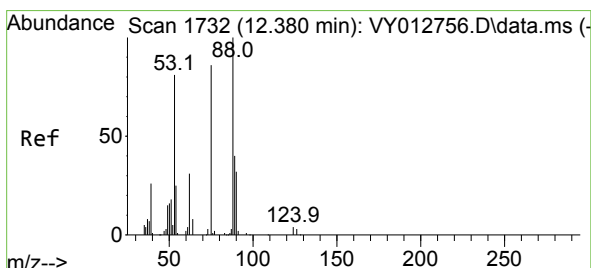
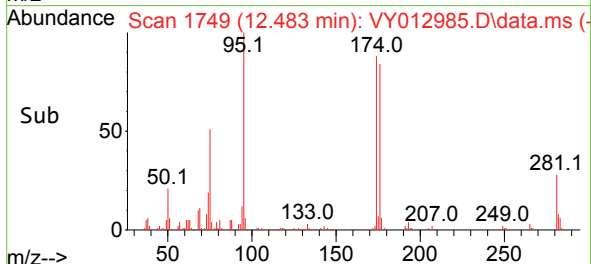
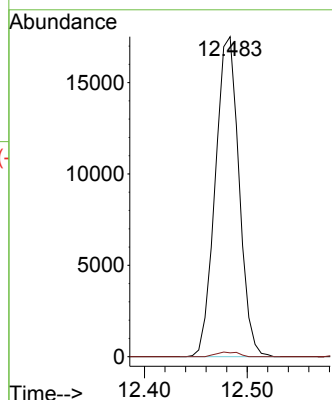
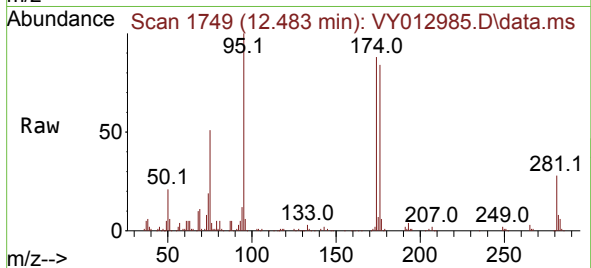
ClientSampleId :

Tgt Ion: 75 Resp: 28054

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.416 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY012985.D

Acq: 17 Mar 2023 14:28

Tgt Ion: 75 Resp: 28054

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.2 36.6 55.0#

