

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008610.D
 Acq On : 04 May 2022 14:26
 Operator : KP/MD
 Sample : N2619-03
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

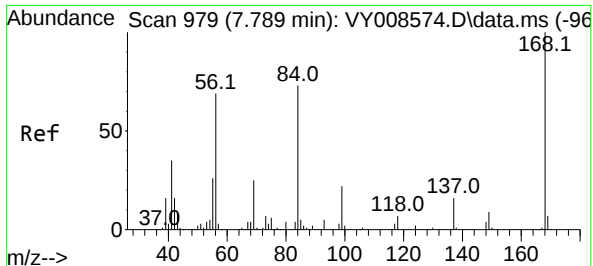
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS02-1-2-FT

Quant Time: May 05 04:35:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	130022	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	223313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65361	51.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.440%	
35) Dibromofluoromethane	7.716	113	71066	48.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.180%	
50) Toluene-d8	10.179	98	266184	50.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.483	95	93488	48.723	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	196	Below Cal	#	53
11) Tert butyl alcohol	4.911	59	438	Below Cal	#	77
16) Acetone	3.954	43	2642	9.703	ug/l #	88
18) Methyl Acetate	4.485	43	373	Below Cal	#	56
20) Methylene Chloride	4.716	84	9488	Below Cal	#	77
25) 2-Butanone	6.978	43	892	2.041	ug/l #	90
36) 1,1-Dichloropropene	7.783	75	8336	3.628	ug/l #	50
38) Carbon Tetrachloride	7.783	117	11351	4.330	ug/l #	15
43) Isopropyl Acetate	8.112	43	2180	1.017	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	46093	39.910	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46093	80.914	ug/l #	7

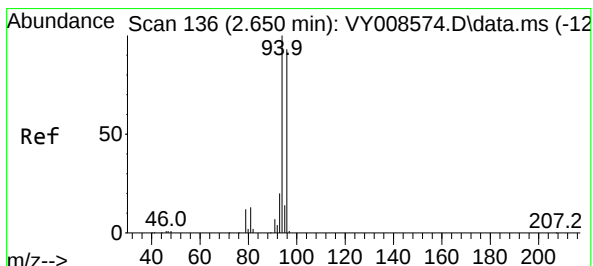
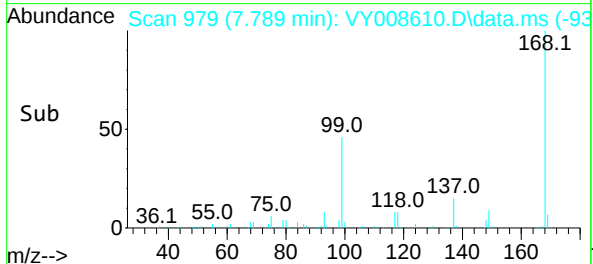
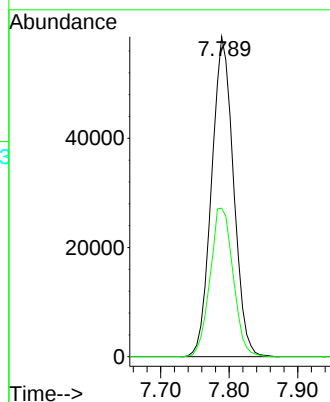
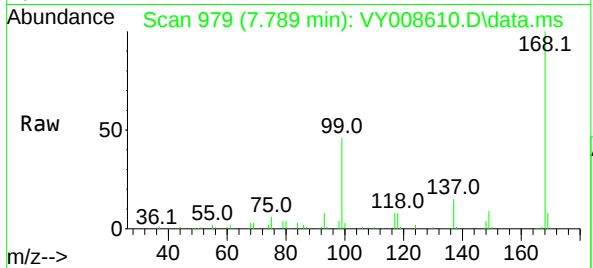
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

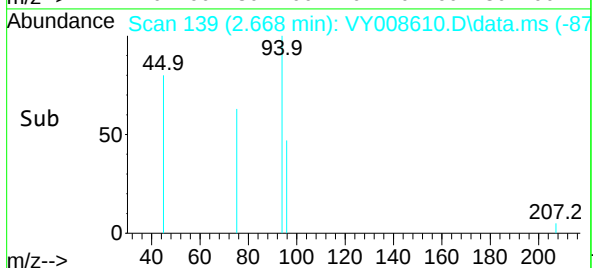
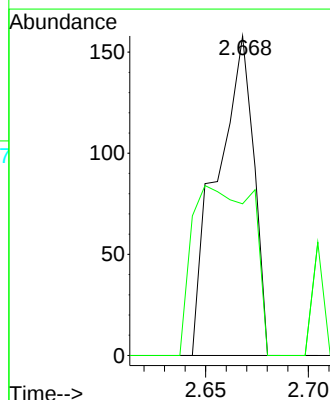
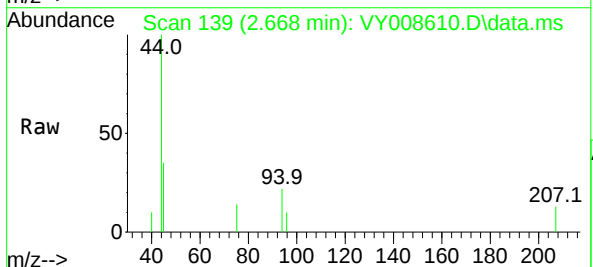
Instrument :
MSVOA_Y
ClientSampleId :
SS02-1-2-FT

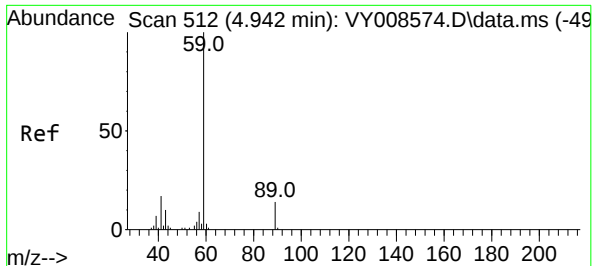
Tgt Ion:168 Resp: 130022
Ion Ratio Lower Upper
168 100
99 46.4 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion: 94 Resp: 196
Ion Ratio Lower Upper
94 100
96 47.5 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.911 min Scan# 50

Delta R.T. -0.031 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

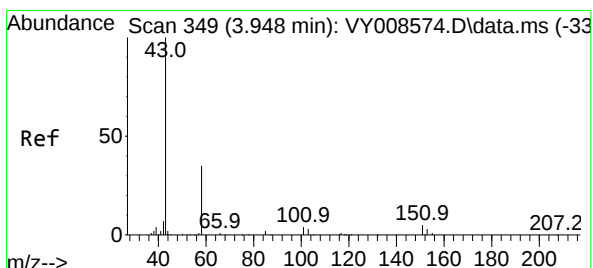
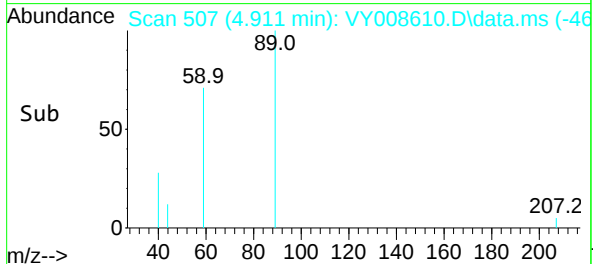
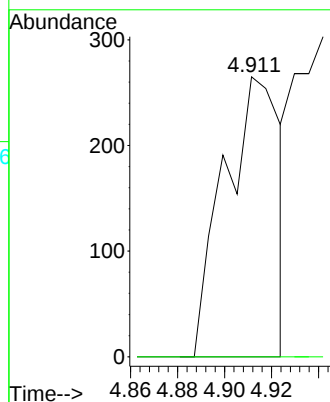
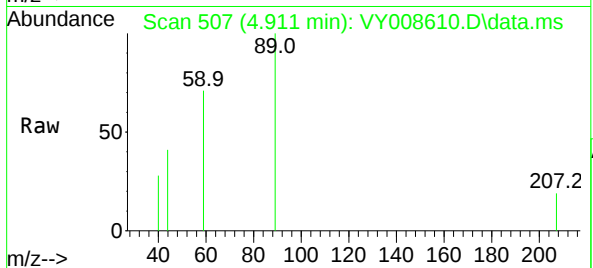
SS02-1-2-FT

Tgt Ion: 59 Resp: 438

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 9.703 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008610.D

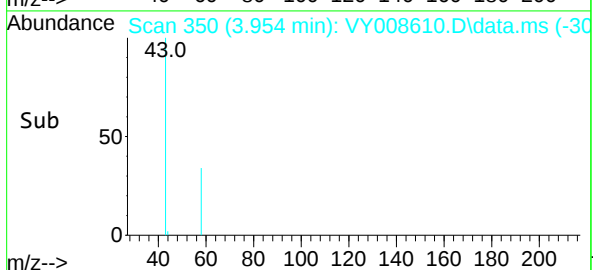
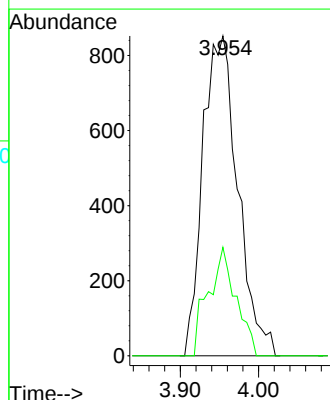
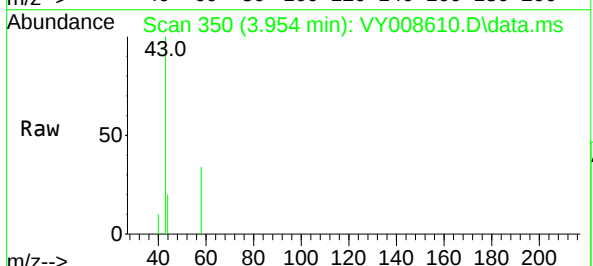
Acq: 04 May 2022 14:26

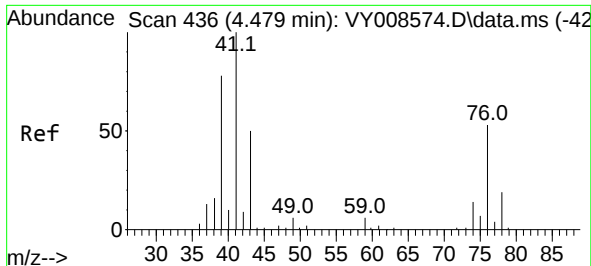
Tgt Ion: 43 Resp: 2642

Ion Ratio Lower Upper

43 100

58 33.9 22.0 33.0#

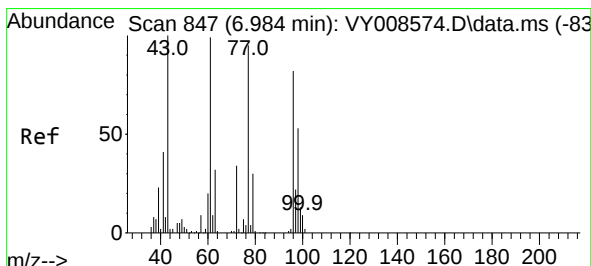
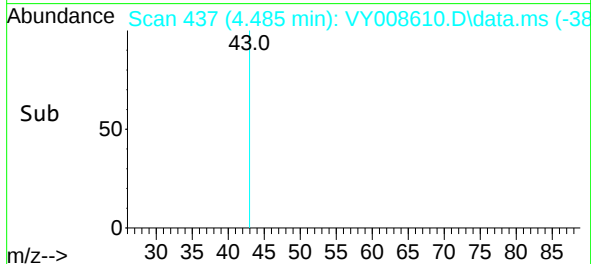
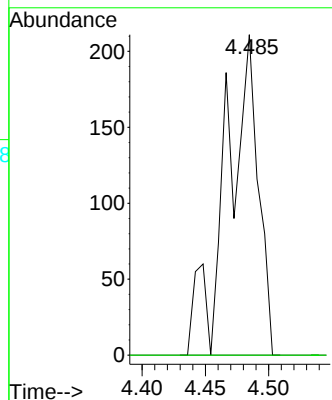
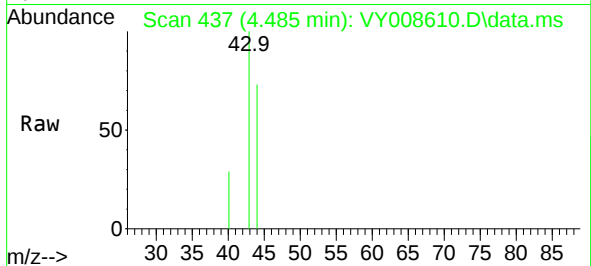




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

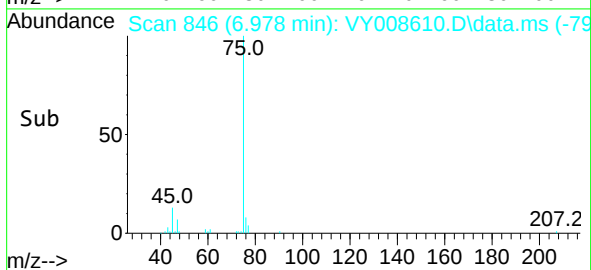
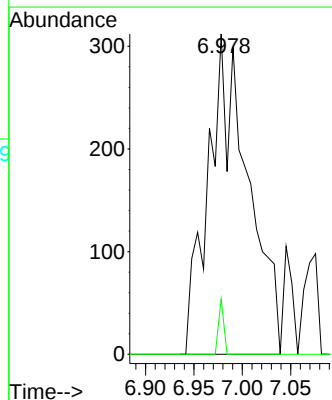
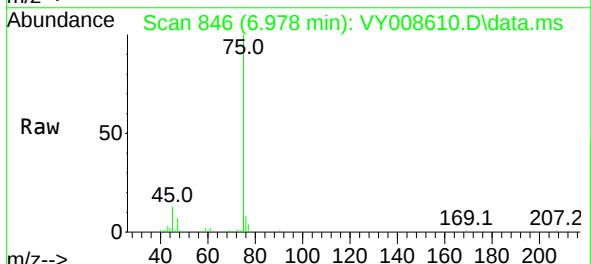
Instrument :
MSVOA_Y
ClientSampleId :
SS02-1-2-FT

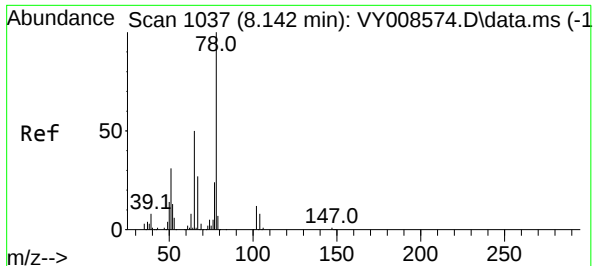
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.041 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
72 17.3 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 51.721 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

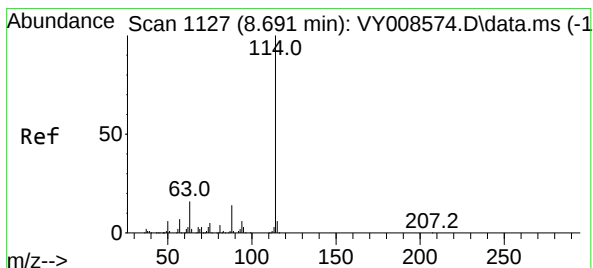
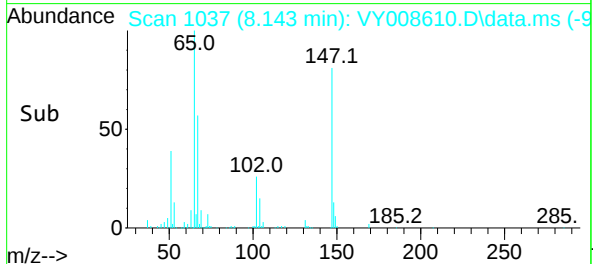
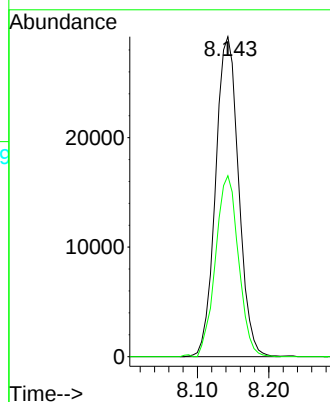
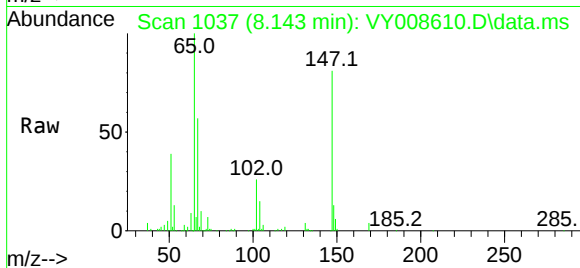
SS02-1-2-FT

Tgt Ion: 65 Resp: 65361

Ion Ratio Lower Upper

65 100

67 56.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

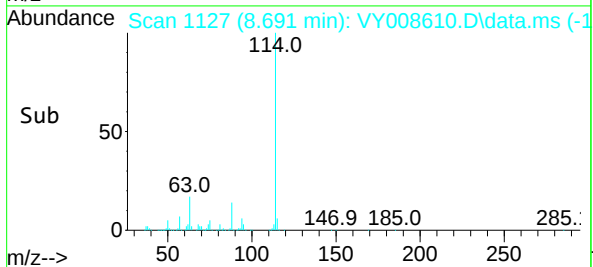
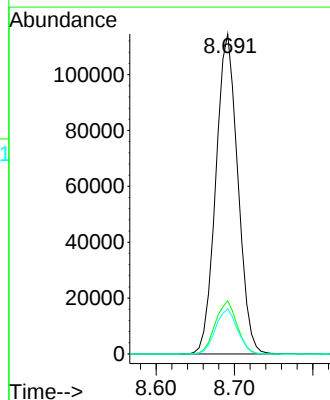
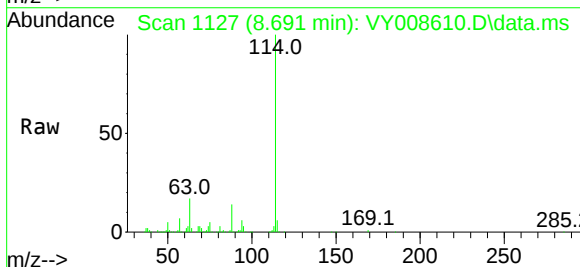
Tgt Ion: 114 Resp: 223313

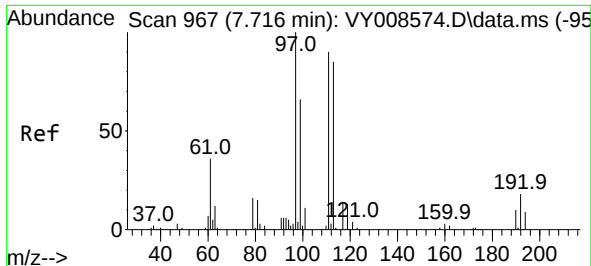
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.1 0.0 31.8

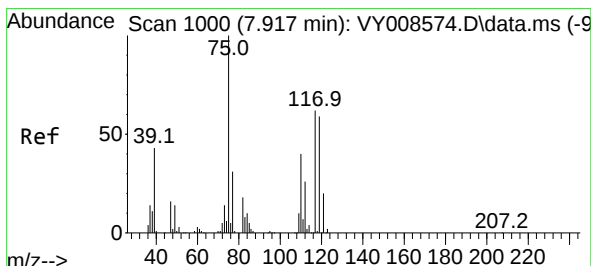
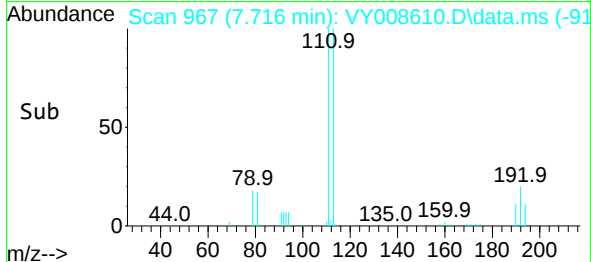
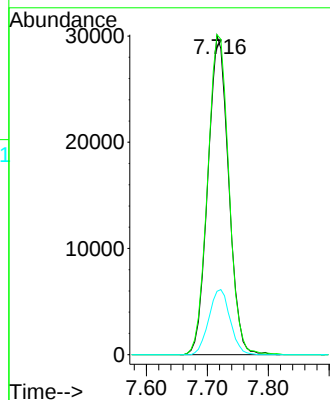
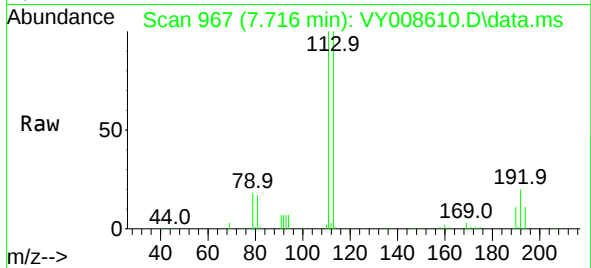




#35
Dibromofluoromethane
Concen: 48.094 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

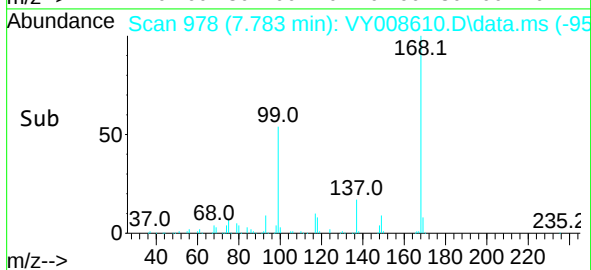
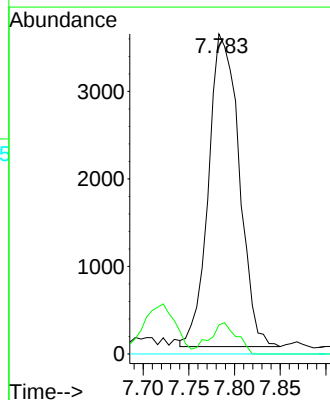
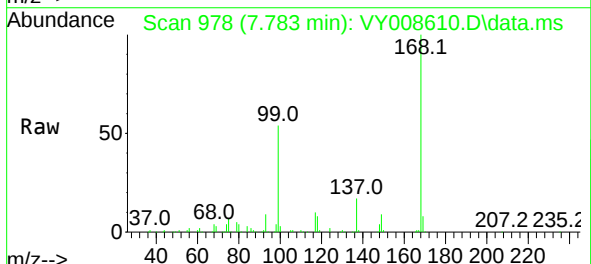
Instrument :
MSVOA_Y
ClientSampleId :
SS02-1-2-FT

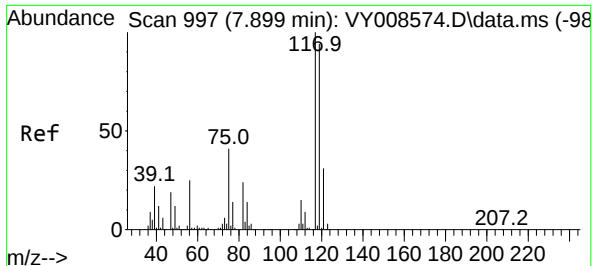
Tgt Ion:113 Resp: 71066
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 20.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.628 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion: 75 Resp: 8336
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

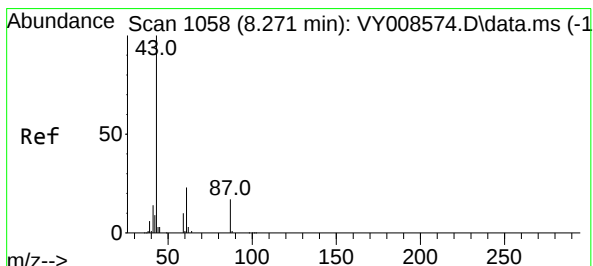
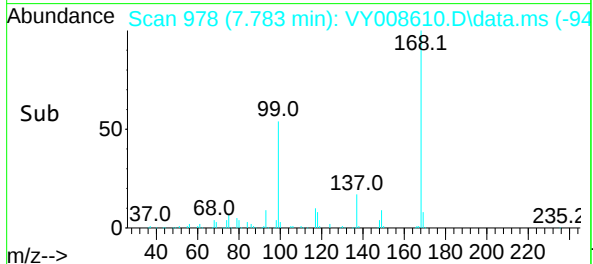
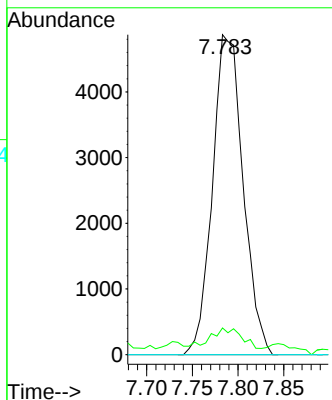
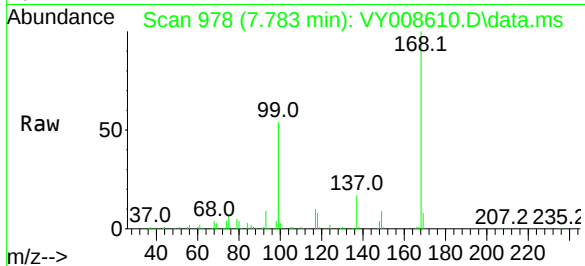




#38
Carbon Tetrachloride
Concen: 4.330 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

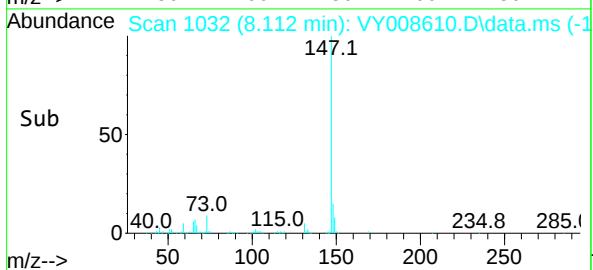
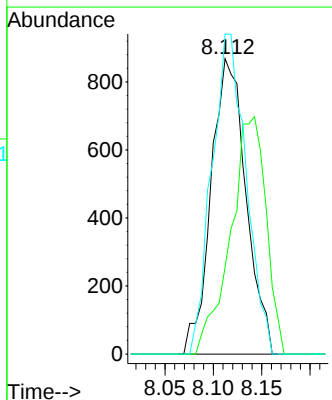
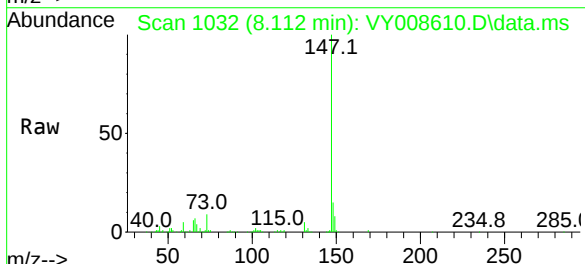
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MSVOA_Y
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SS02-1-2-FT

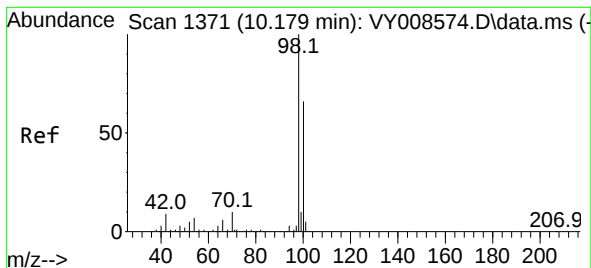
Tgt Ion:117 Resp: 11351
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.017 ug/l
RT: 8.112 min Scan# 1032
Delta R.T. -0.158 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 106.1 8.9 13.3#





#50

Toluene-d8

Concen: 50.846 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

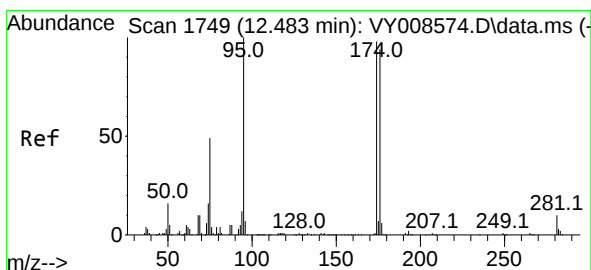
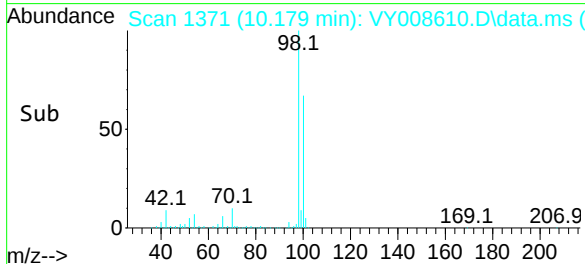
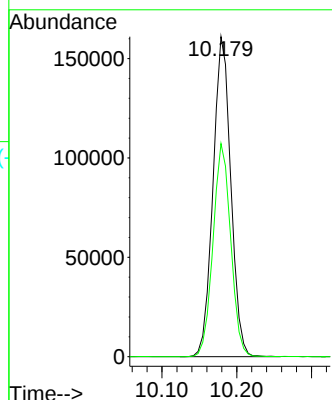
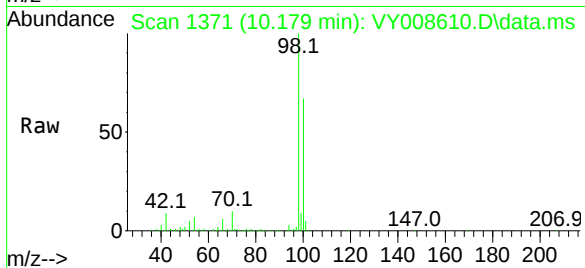
SS02-1-2-FT

Tgt Ion: 98 Resp: 266184

Ion Ratio Lower Upper

98 100

100 66.2 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 48.723 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

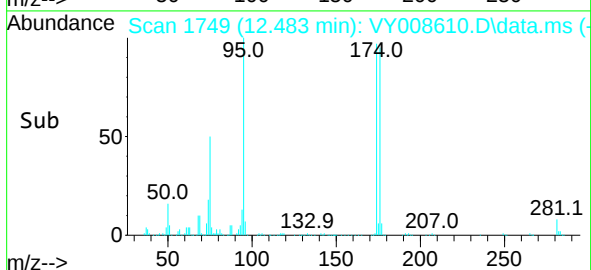
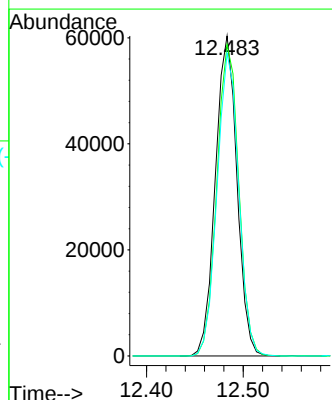
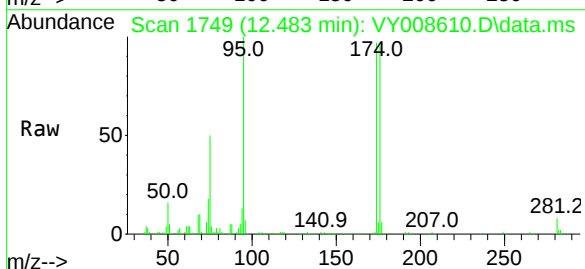
Tgt Ion: 95 Resp: 93488

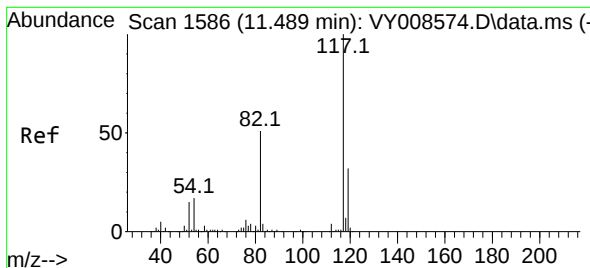
Ion Ratio Lower Upper

95 100

174 98.5 0.0 177.0

176 94.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

Instrument :

MSVOA_Y

ClientSampleId :

SS02-1-2-FT

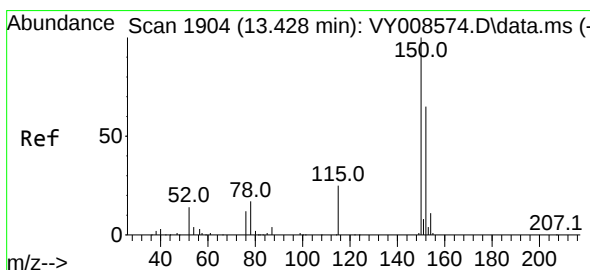
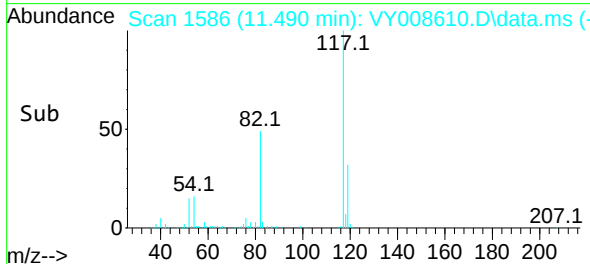
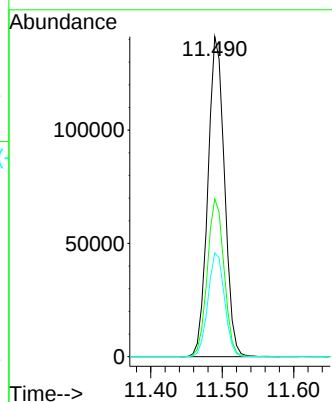
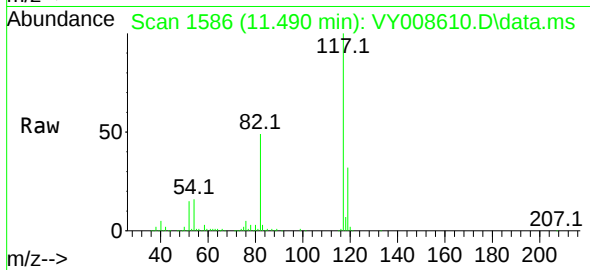
Tgt Ion:117 Resp: 227695

Ion Ratio Lower Upper

117 100

82 49.3 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008610.D

Acq: 04 May 2022 14:26

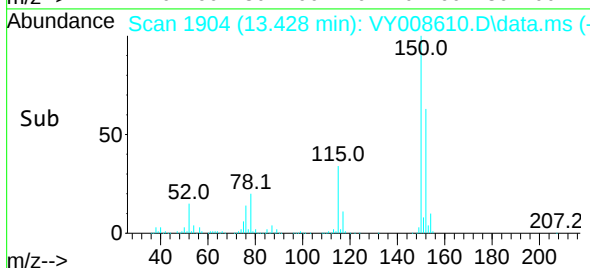
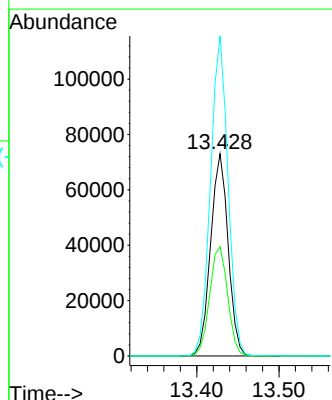
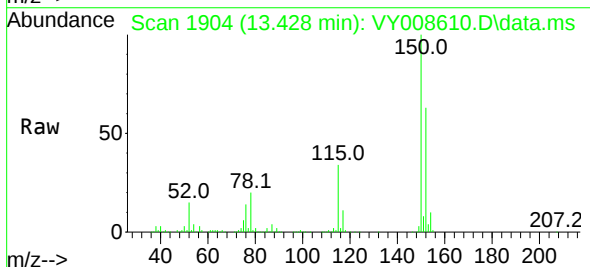
Tgt Ion:152 Resp: 108192

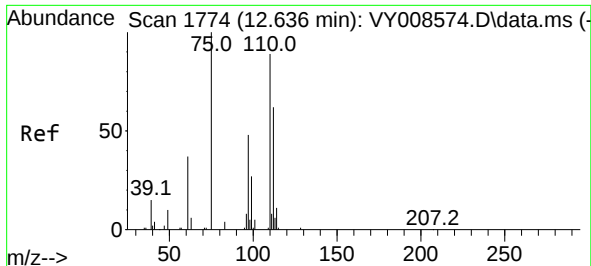
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 157.8 0.0 347.6

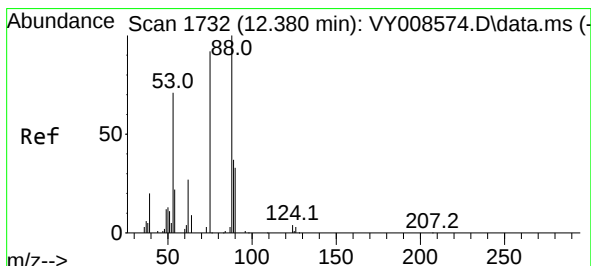
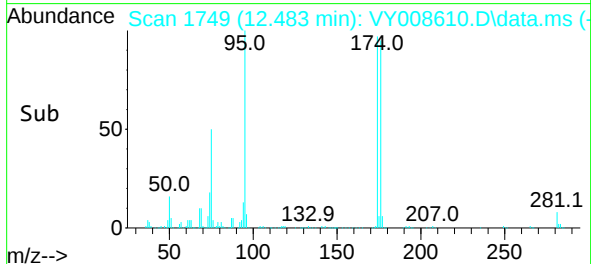
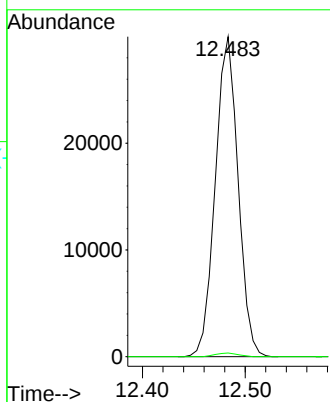
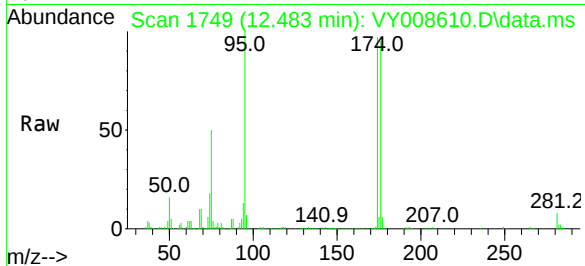




#76
1,2,3-Trichloropropane
Concen: 39.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Instrument :
MSVOA_Y
ClientSampleId :
SS02-1-2-FT

Tgt Ion: 75 Resp: 46093
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.914 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008610.D
Acq: 04 May 2022 14:26

Tgt Ion: 75 Resp: 46093
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

