

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008622.D
 Acq On : 04 May 2022 19:07
 Operator : KP/MD
 Sample : N2619-17
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS08-1-2-FT

Quant Time: May 05 04:38:16 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)

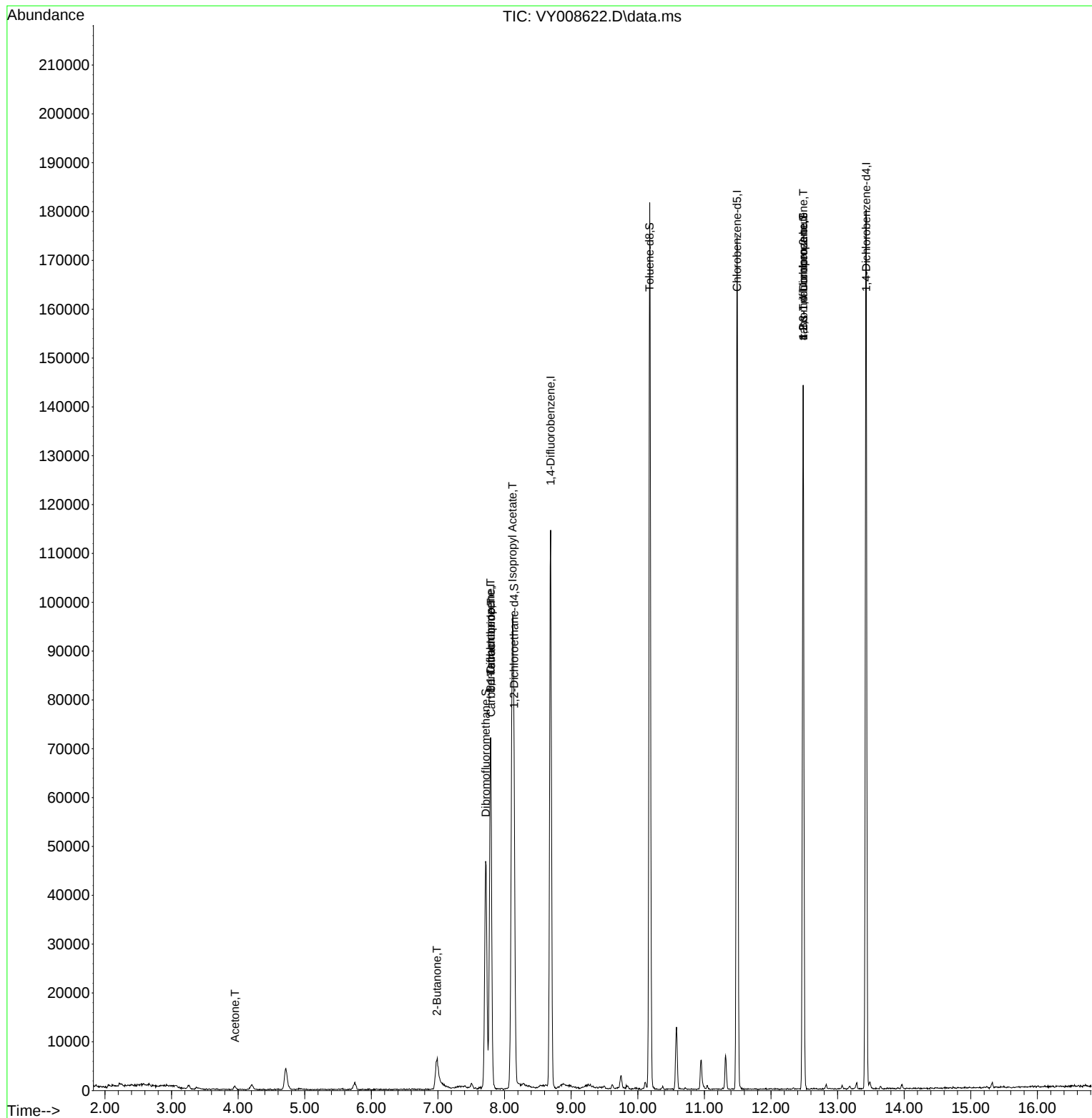
Internal Standards						
1) Pentafluorobenzene	7.789	168	60767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	104657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	105181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	30543	51.714	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.420%			
35) Dibromofluoromethane	7.716	113	33589	48.503	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.000%			
50) Toluene-d8	10.179	98	123279	50.247	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.483	95	41895	46.589	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.180%			
Target Compounds						
5) Bromomethane	2.662	94	114	Below Cal	Qvalue 94	
11) Tert butyl alcohol	4.954	59	133	Below Cal	# 77	
16) Acetone	3.954	43	1018	8.000 ug/l	# 76	
18) Methyl Acetate	4.479	43	53	Below Cal	# 56	
20) Methylene Chloride	4.723	84	3544	Below Cal	# 61	
25) 2-Butanone	6.984	43	263	1.288 ug/l	# 54	
36) 1,1-Dichloropropene	7.789	75	4417	4.102 ug/l	# 49	
38) Carbon Tetrachloride	7.795	117	5515	4.489 ug/l	# 15	
43) Isopropyl Acetate	8.118	43	1629	1.621 ug/l	# 1	
76) 1,2,3-Trichloropropane	12.483	75	20866	39.911 ug/l	# 100	
81) trans-1,4-Dichloro-2-b...	12.483	75	20866	80.917 ug/l	# 7	

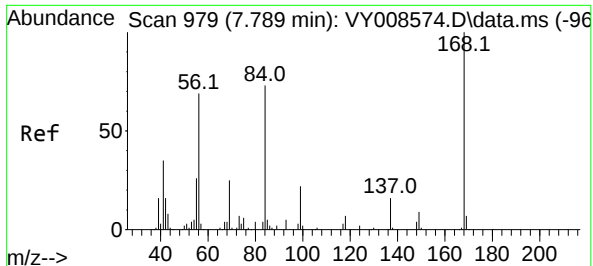
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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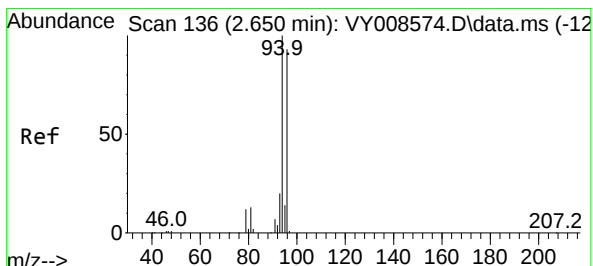
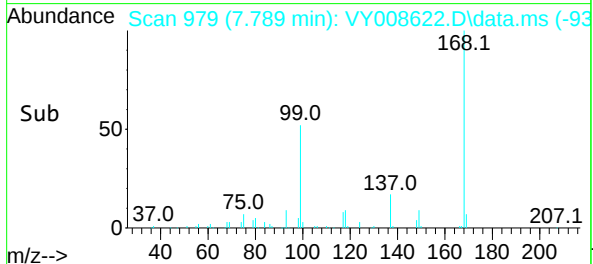
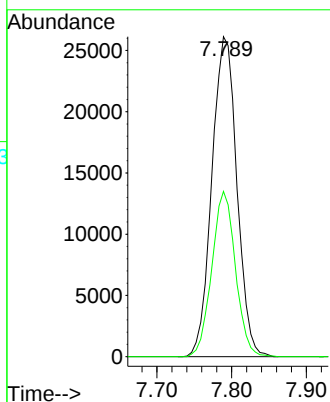
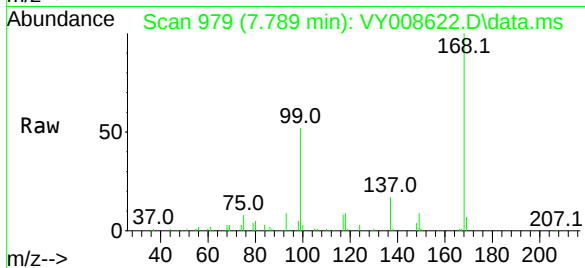




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

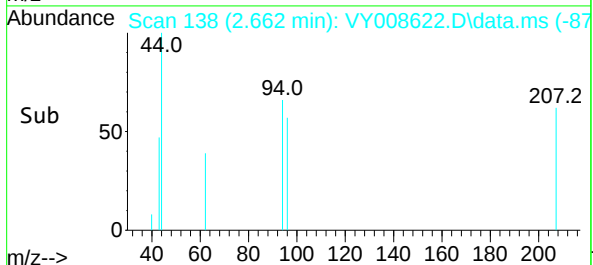
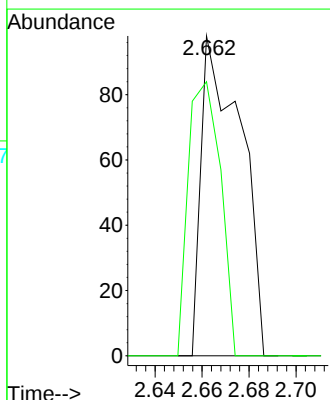
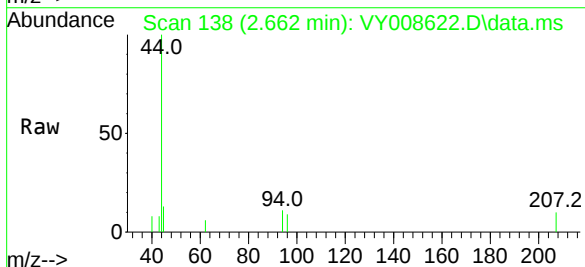
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FT

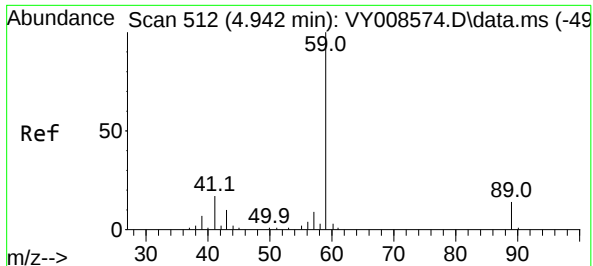
Tgt Ion:168 Resp: 60767
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

Tgt Ion: 94 Resp: 114
Ion Ratio Lower Upper
94 100
96 85.7 73.5 110.3

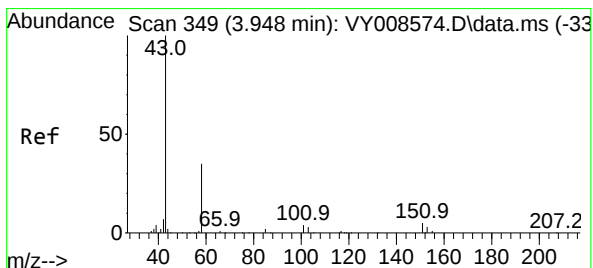
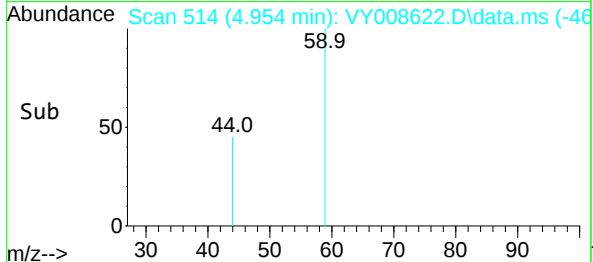
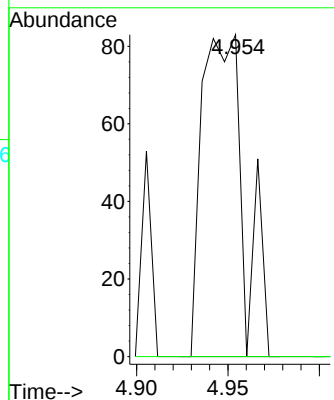
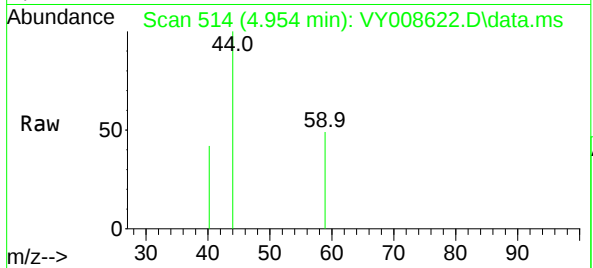




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

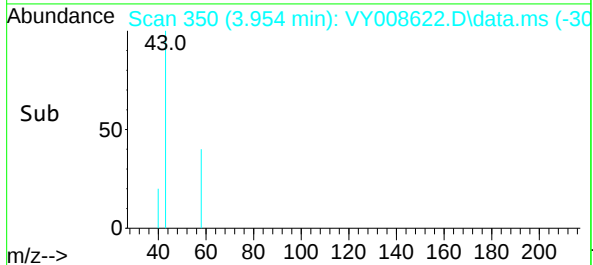
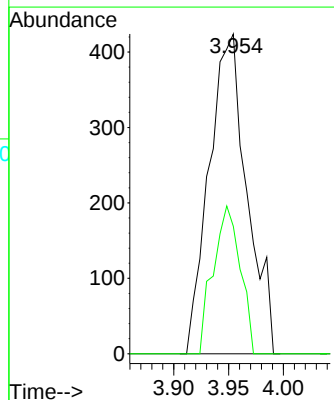
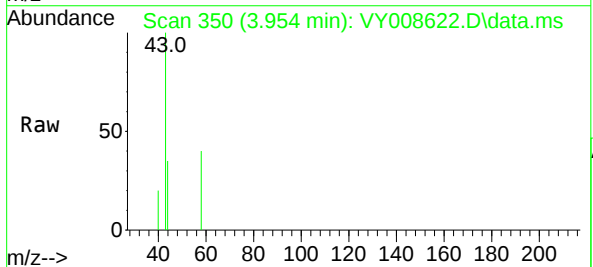
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FT

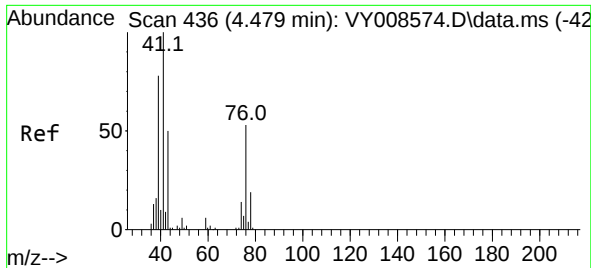
Tgt Ion: 59 Resp: 133
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 8.000 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
58 39.9 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY008622.D

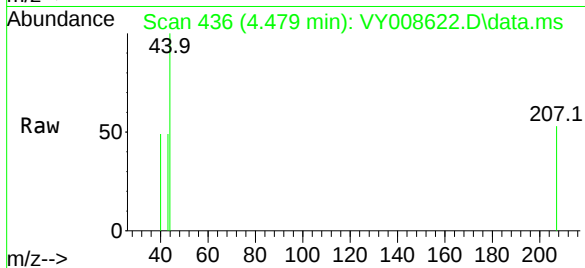
Acq: 04 May 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

SS08-1-2-FT

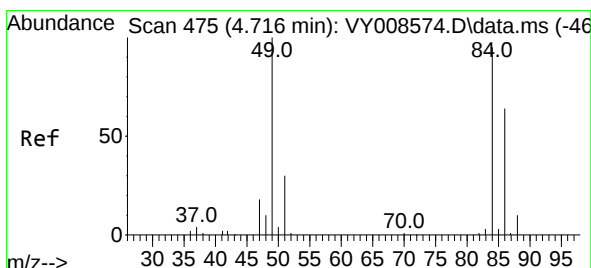
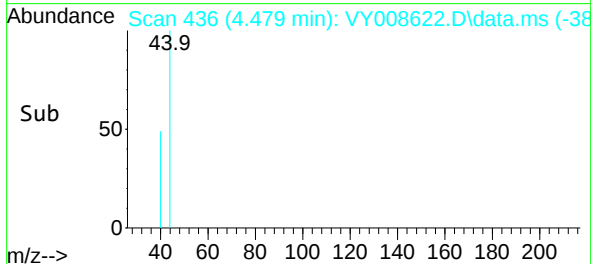
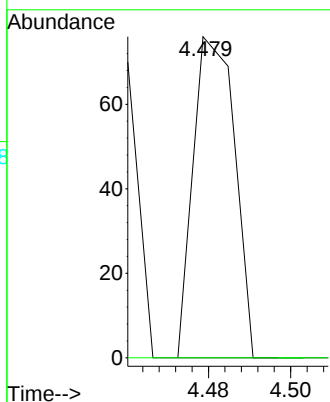


Tgt Ion: 43 Resp: 53

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.723 min Scan# 476

Delta R.T. 0.007 min

Lab File: VY008622.D

Acq: 04 May 2022 19:07

Tgt Ion: 84 Resp: 3544

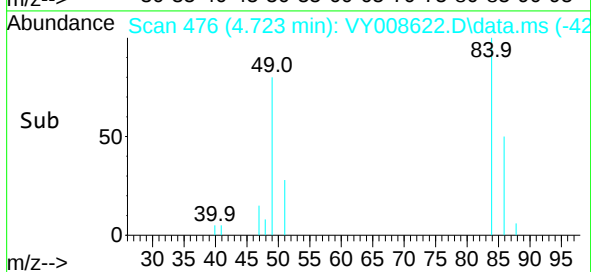
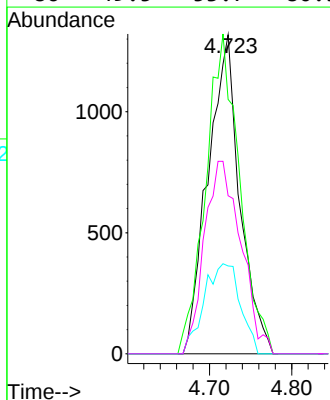
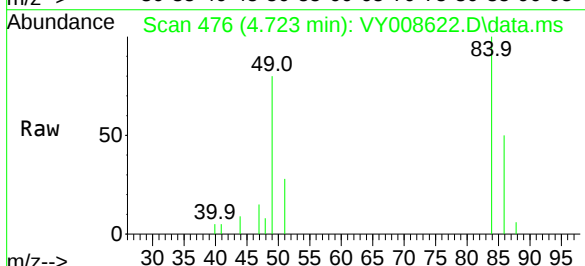
Ion Ratio Lower Upper

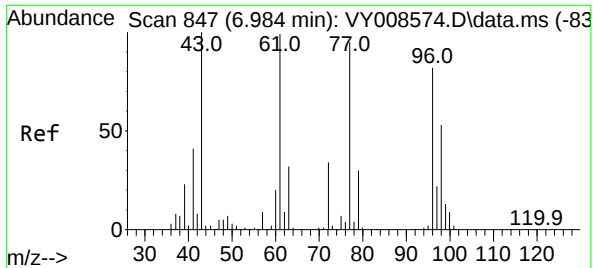
84 100

49 79.7 114.4 171.6#

51 27.5 35.3 52.9#

86 49.5 53.7 80.5#

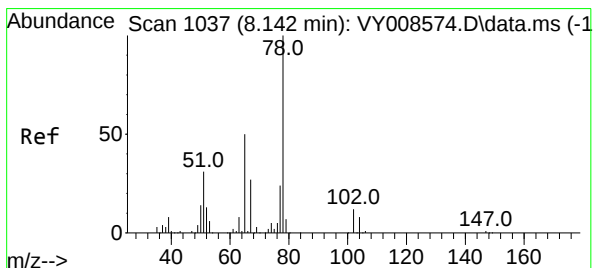
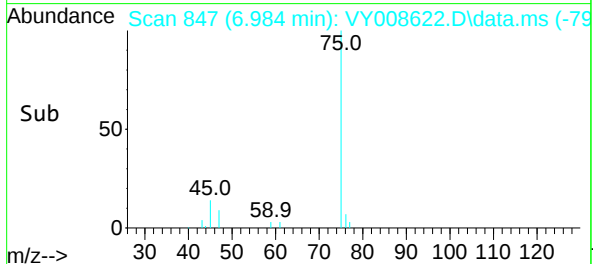
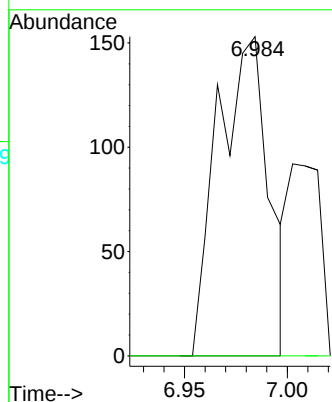
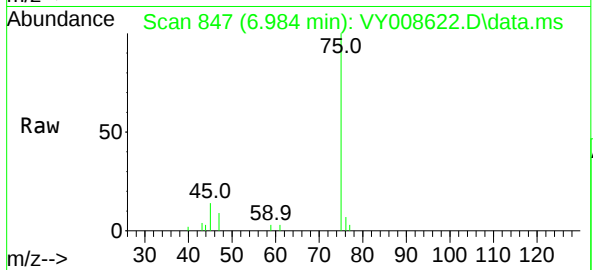




#25
2-Butanone
Concen: 1.288 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

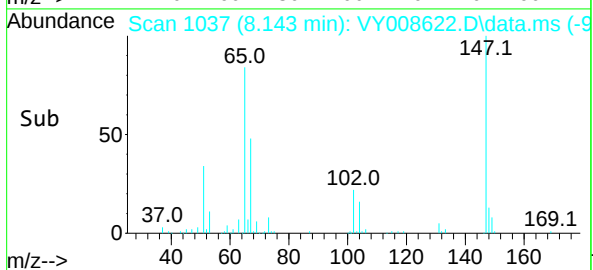
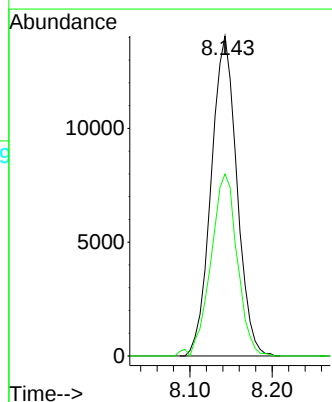
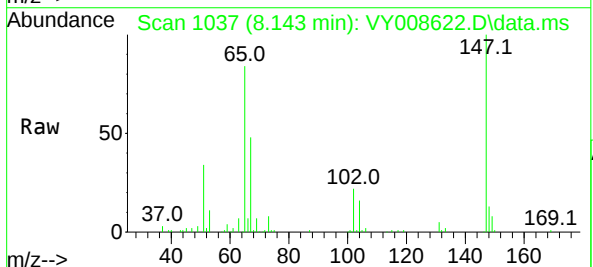
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FT

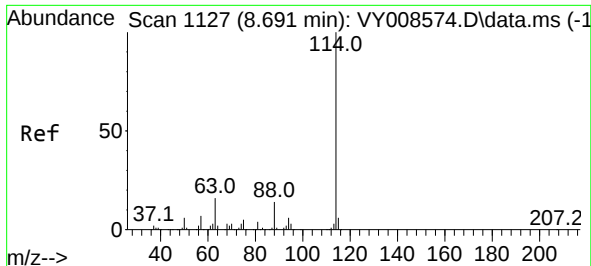
Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 51.714 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

Tgt Ion: 65 Resp: 30543
Ion Ratio Lower Upper
65 100
67 58.2 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: VY008622.D

Acq: 04 May 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

SS08-1-2-FT

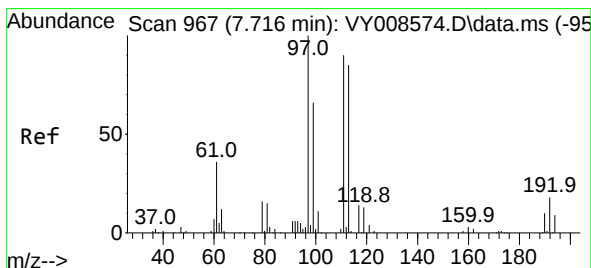
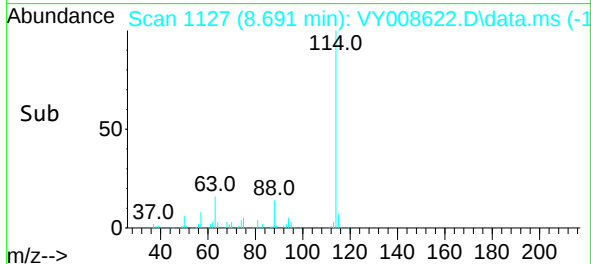
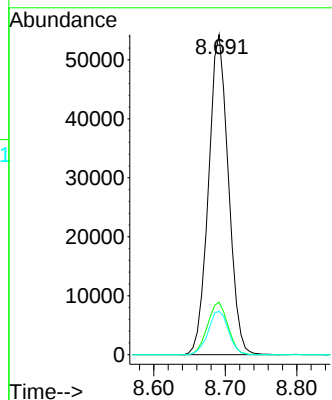
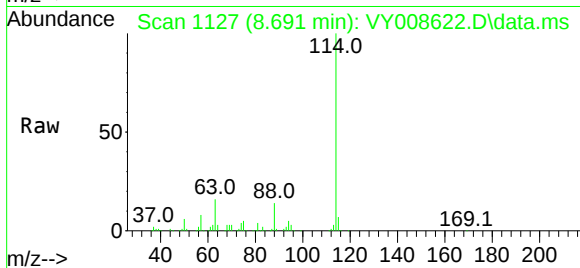
Tgt Ion:114 Resp: 104657

Ion Ratio Lower Upper

114 100

63 16.4 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.503 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008622.D

Acq: 04 May 2022 19:07

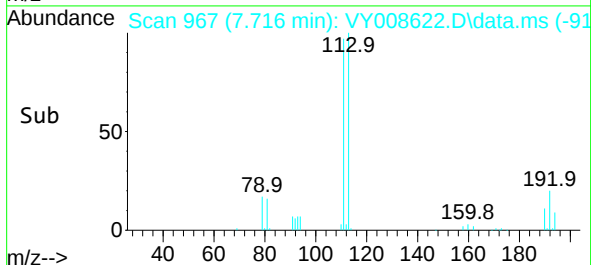
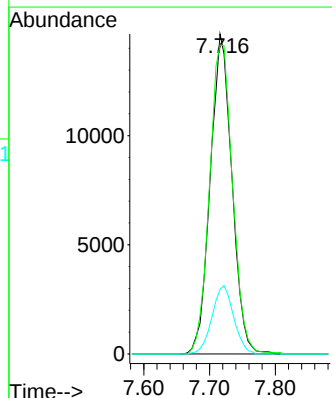
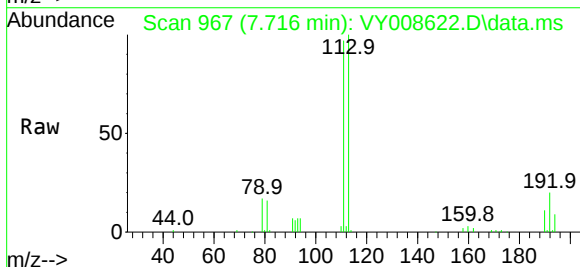
Tgt Ion:113 Resp: 33589

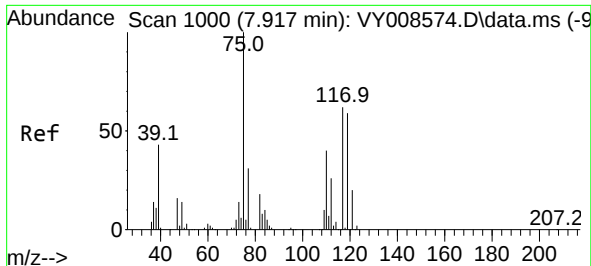
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 21.3 17.6 26.4

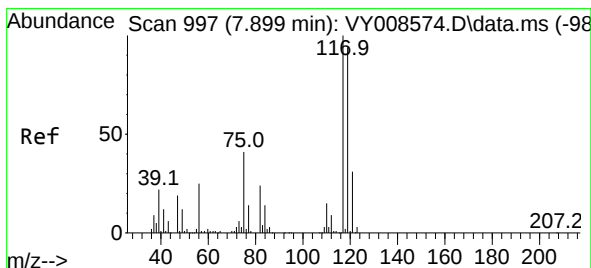
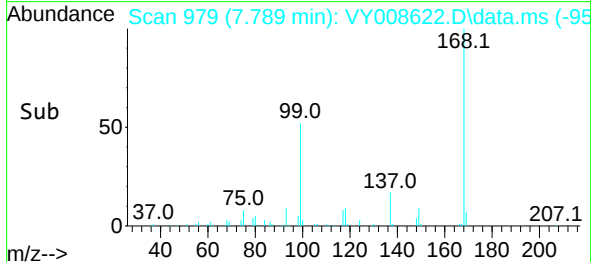
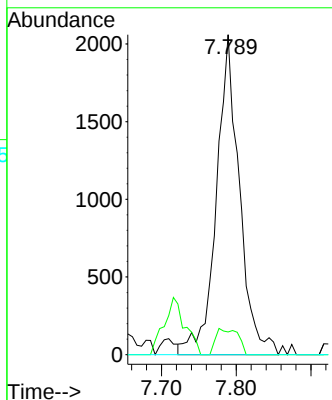
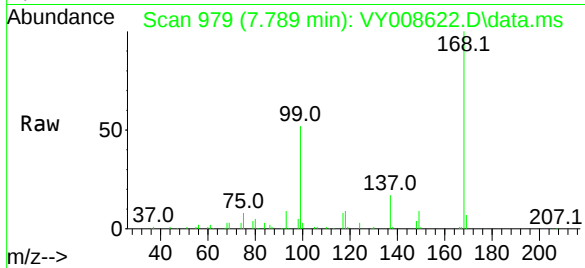




#36
 1,1-Dichloropropene
 Concen: 4.102 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY008622.D
 Acq: 04 May 2022 19:07

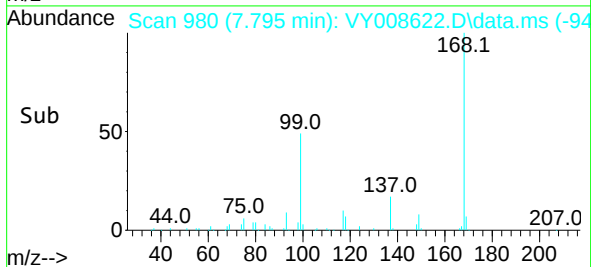
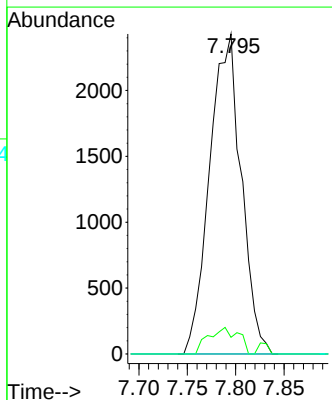
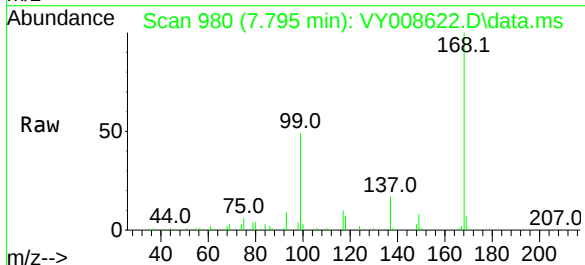
Instrument :
 MSVOA_Y
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 SS08-1-2-FT

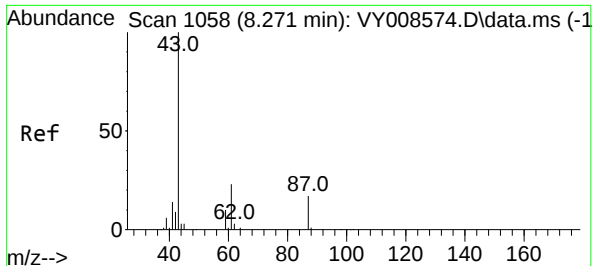
Tgt Ion: 75 Resp: 4417
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.489 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.103 min
 Lab File: VY008622.D
 Acq: 04 May 2022 19:07

Tgt Ion: 117 Resp: 5515
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.9 116.9#
 121 0.0 24.8 37.2#





#43

Isopropyl Acetate

Concen: 1.621 ug/l

RT: 8.118 min Scan# 1058

Delta R.T. -0.152 min

Lab File: VY008622.D

Acq: 04 May 2022 19:07

Instrument :

MSVOA_Y

ClientSampleId :

SS08-1-2-FT

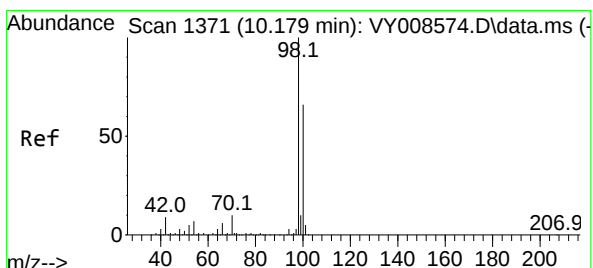
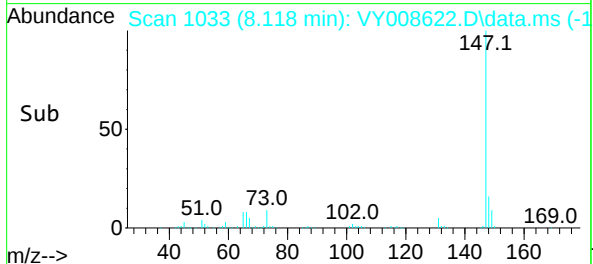
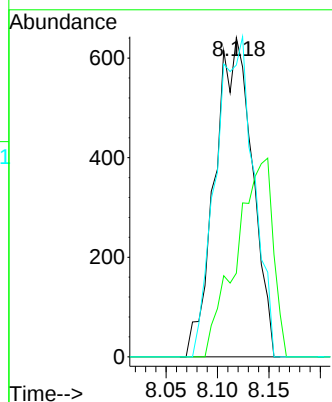
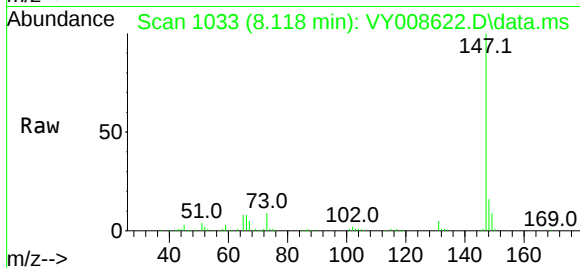
Tgt Ion: 43 Resp: 1629

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 100.2 8.9 13.3#



#50

Toluene-d8

Concen: 50.247 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY008622.D

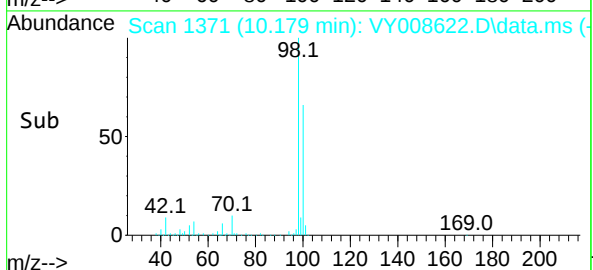
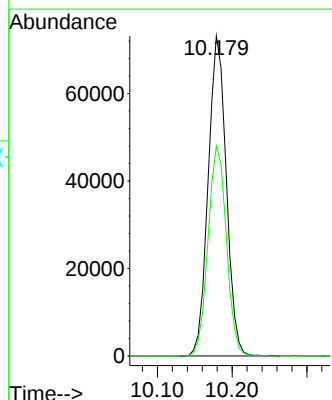
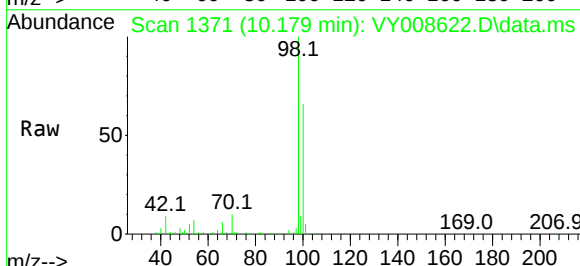
Acq: 04 May 2022 19:07

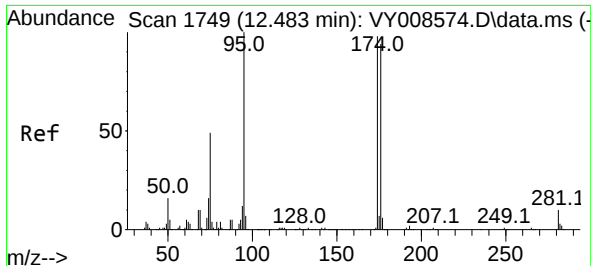
Tgt Ion: 98 Resp: 123279

Ion Ratio Lower Upper

98 100

100 66.7 50.2 75.2

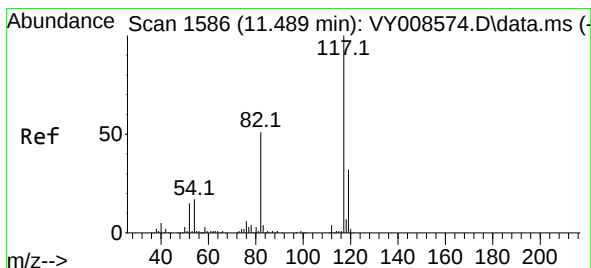
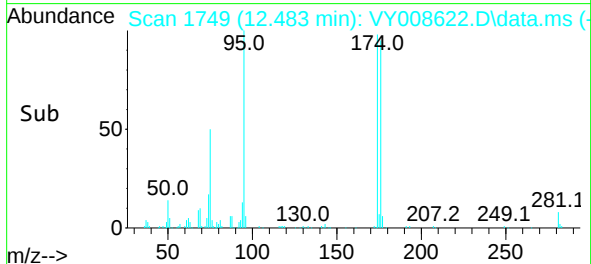
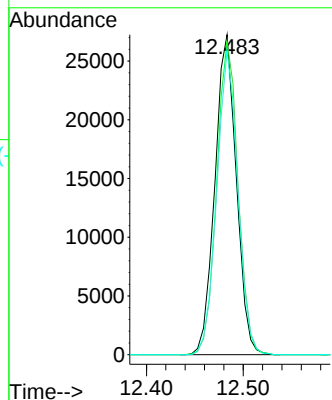
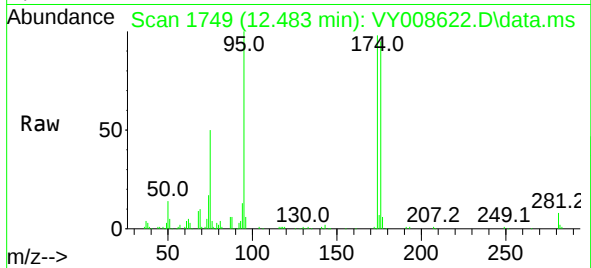




#62
4-Bromofluorobenzene
Concen: 46.589 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

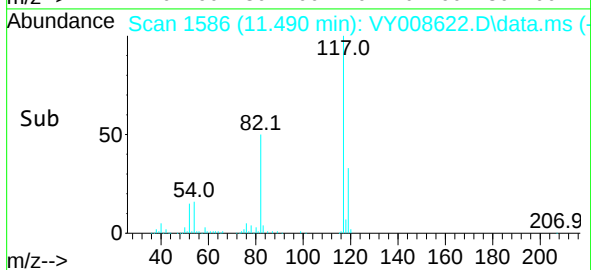
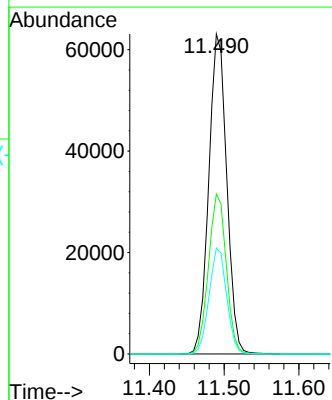
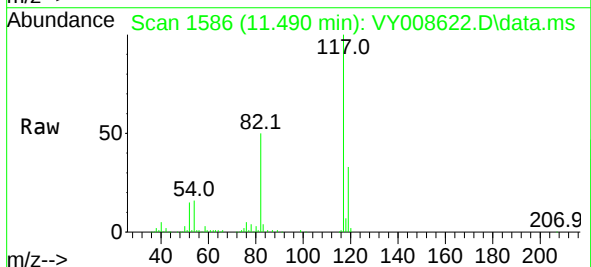
Instrument :
MSVOA_Y
ClientSampleId :
SS08-1-2-FT

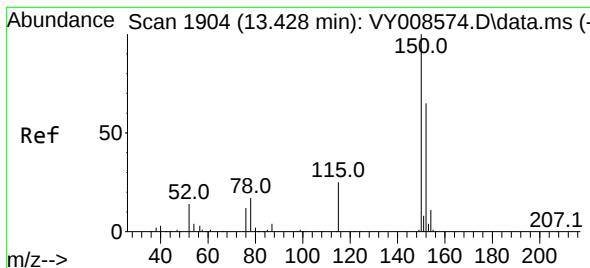
Tgt Ion: 95 Resp: 41895
Ion Ratio Lower Upper
95 100
174 97.4 0.0 177.0
176 93.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008622.D
Acq: 04 May 2022 19:07

Tgt Ion: 117 Resp: 105181
Ion Ratio Lower Upper
117 100
82 50.0 43.0 64.4
119 33.1 25.4 38.0

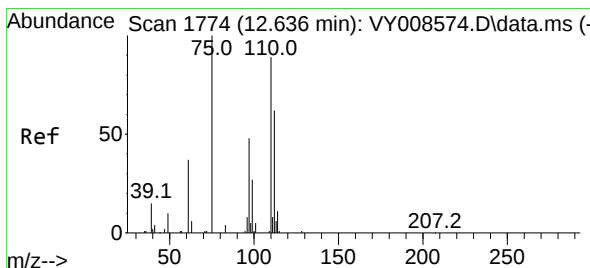
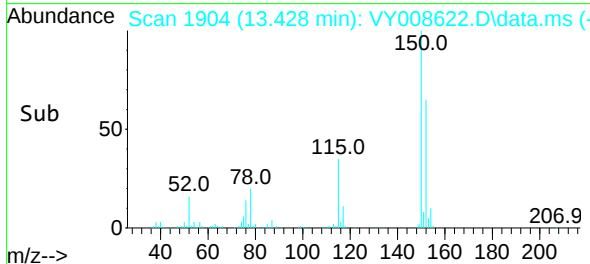
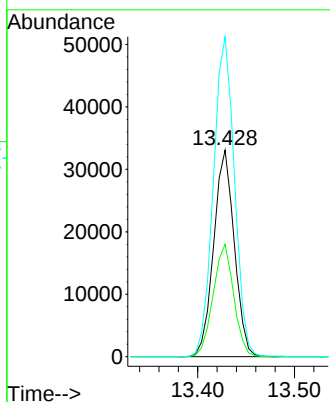
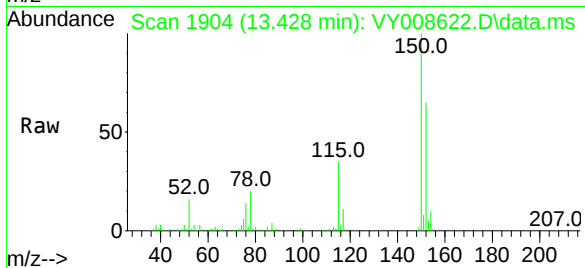




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008622.D
 Acq: 04 May 2022 19:07

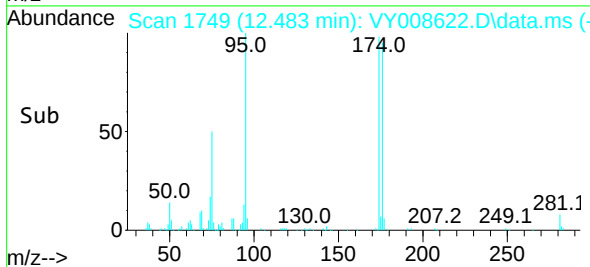
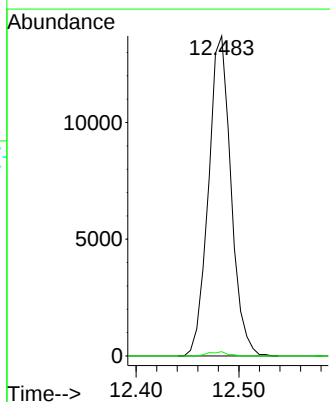
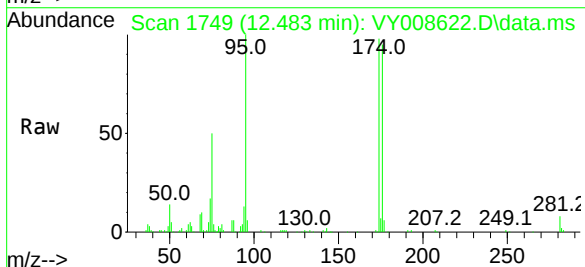
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS08-1-2-FT

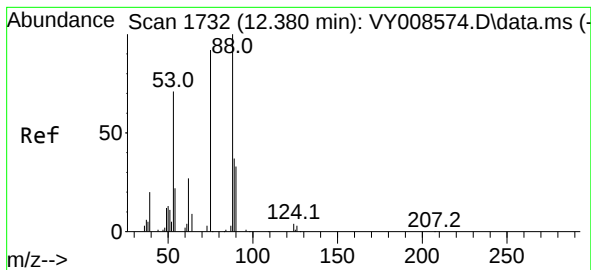
Tgt Ion:152 Resp: 48976
 Ion Ratio Lower Upper
 152 100
 115 54.4 28.2 84.7
 150 158.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.911 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008622.D
 Acq: 04 May 2022 19:07

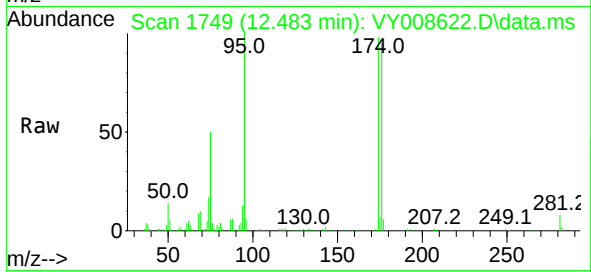
Tgt Ion: 75 Resp: 20866
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.917 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008622.D
 Acq: 04 May 2022 19:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS08-1-2-FT



Tgt Ion: 75 Resp: 20866
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

