

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008676.D
 Acq On : 10 May 2022 13:21
 Operator : KP/MD
 Sample : N2723-05
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MMC-PIT3

Quant Time: May 10 15:58:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

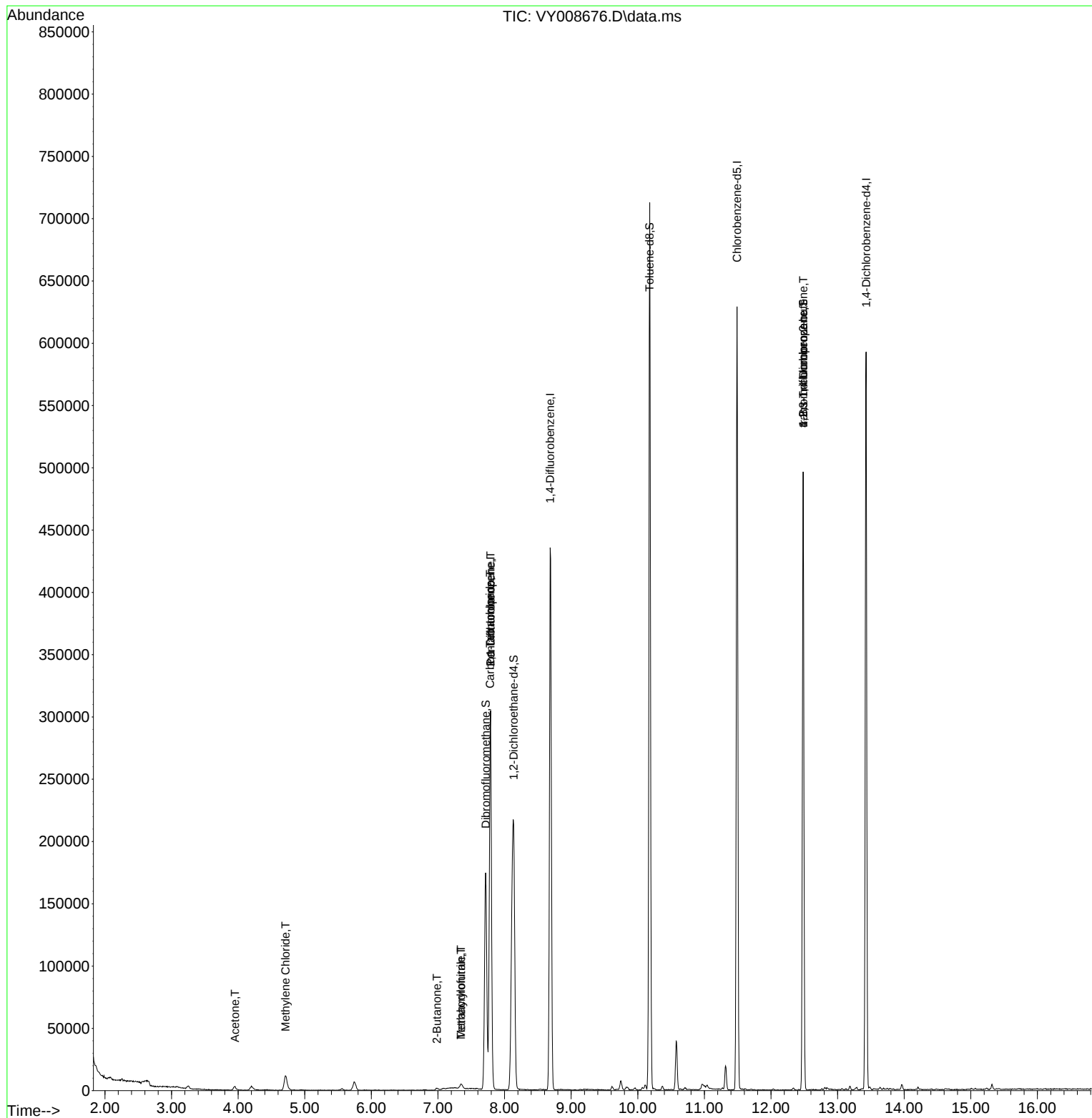
Internal Standards						
1) Pentafluorobenzene	7.789	168	253849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	408465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	367154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	111652	51.332	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.660%		
35) Dibromofluoromethane	7.716	113	126465	50.242	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 100.480%		
50) Toluene-d8	10.179	98	472185	53.232	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.460%		
62) 4-Bromofluorobenzene	12.483	95	149095	46.720	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 93.440%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	426	Below Cal	#	77
16) Acetone	3.954	43	5030	9.802	ug/l #	75
18) Methyl Acetate	4.485	43	184	Below Cal	#	56
20) Methylene Chloride	4.710	84	9665	3.101	ug/l #	74
25) 2-Butanone	6.984	43	3061	3.629	ug/l #	88
29) Tetrahydrofuran	7.344	42	2780	4.931	ug/l #	76
36) 1,1-Dichloropropene	7.789	75	16765	4.145	ug/l #	52
38) Carbon Tetrachloride	7.783	117	22973	5.616	ug/l #	16
41) Methacrylonitrile	7.344	41	1704	2.280	ug/l #	34
76) 1,2,3-Trichloropropane	12.483	75	70729	37.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70729	74.956	ug/l #	7

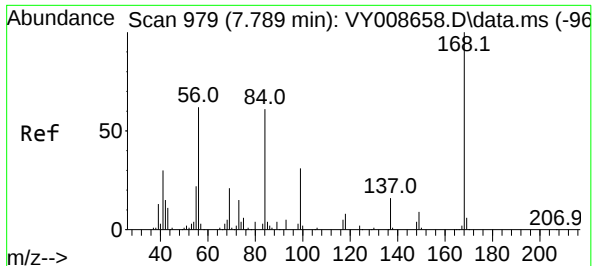
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

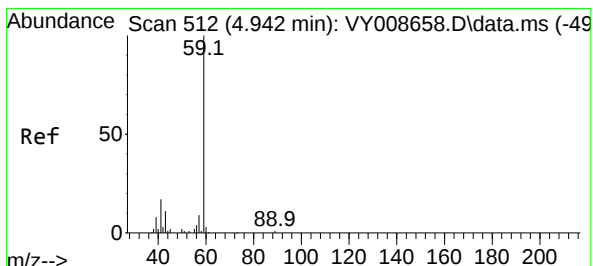
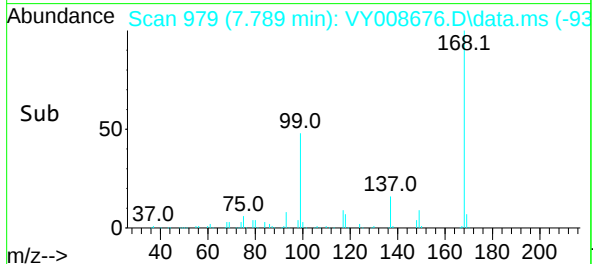
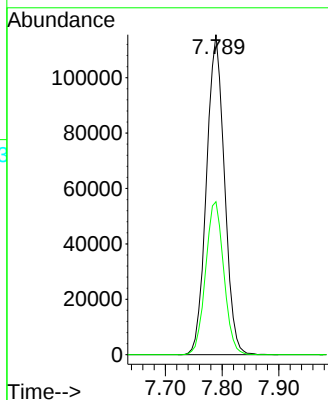
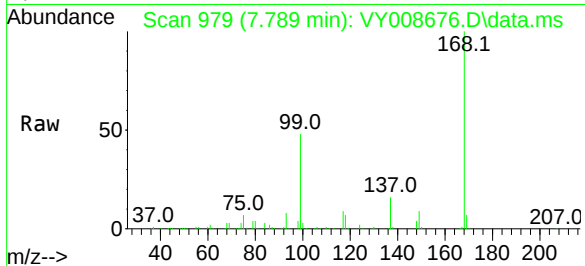




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

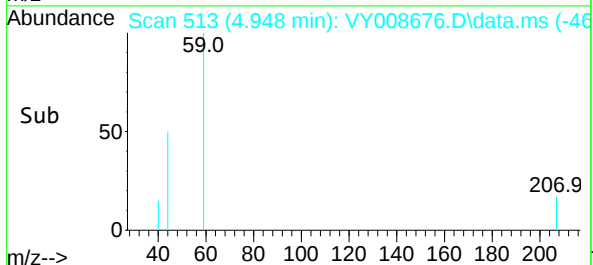
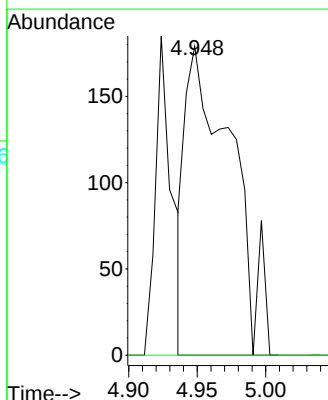
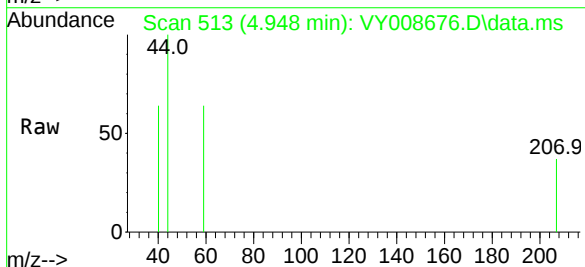
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT3

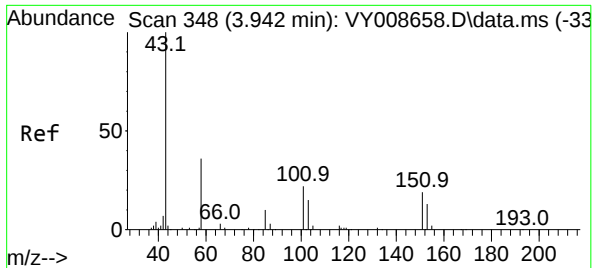
Tgt Ion:168 Resp: 253849
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

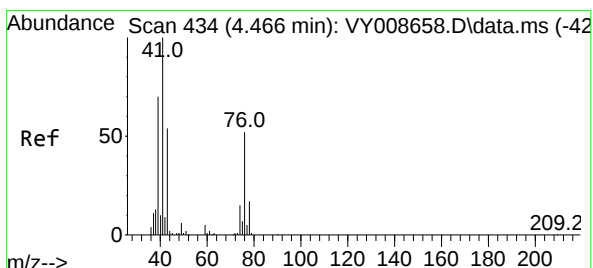
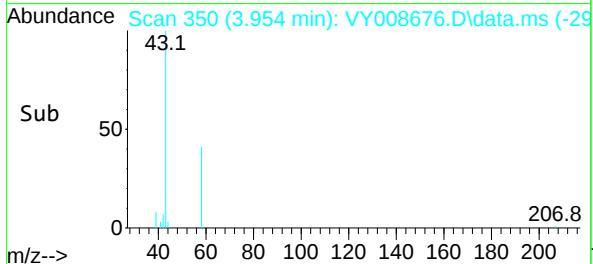
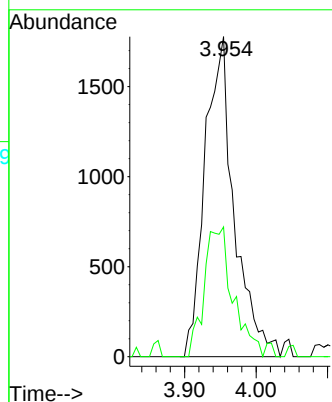
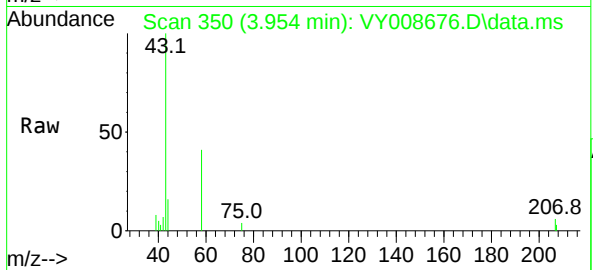




#16
Acetone
Concen: 9.802 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

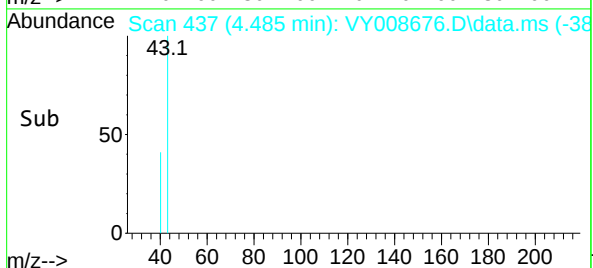
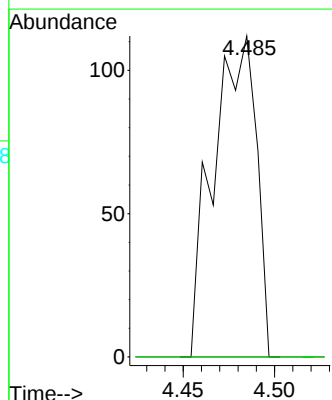
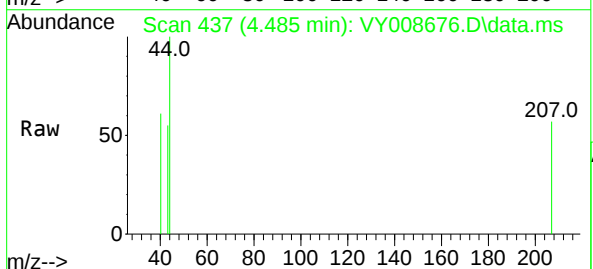
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT3

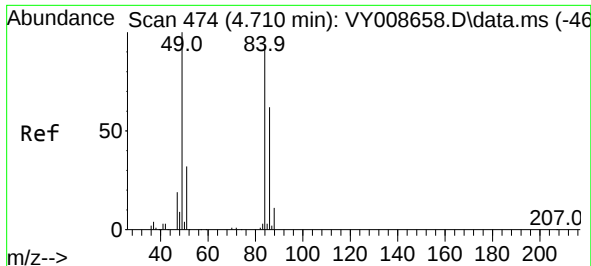
Tgt Ion: 43 Resp: 5030
Ion Ratio Lower Upper
43 100
58 40.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

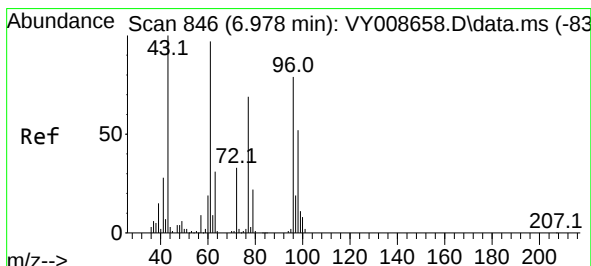
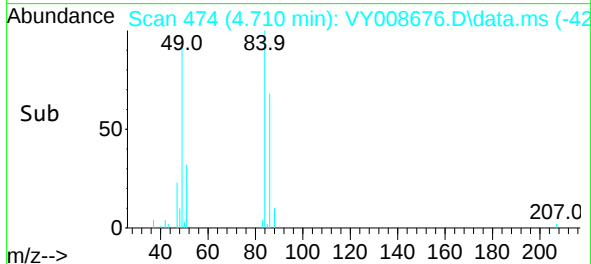
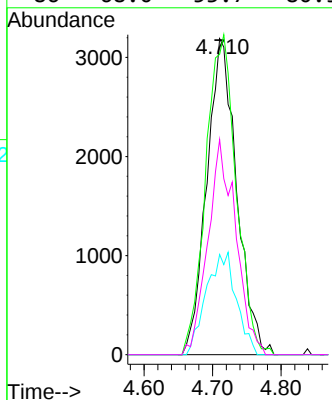
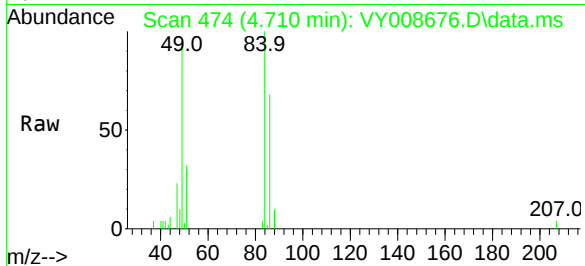




#20
Methylene Chloride
Concen: 3.101 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

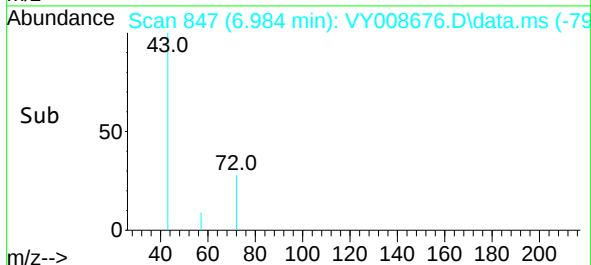
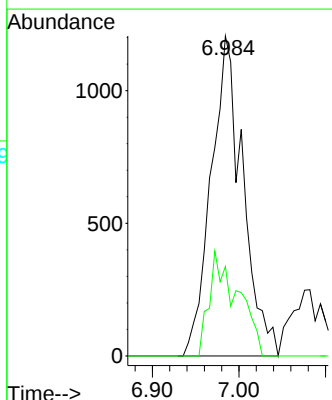
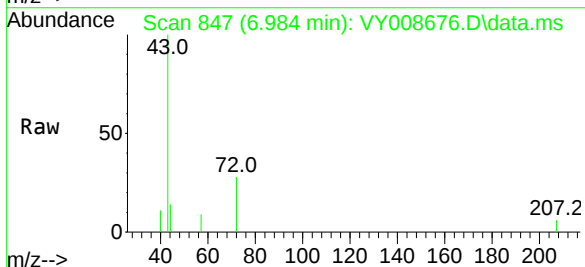
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT3

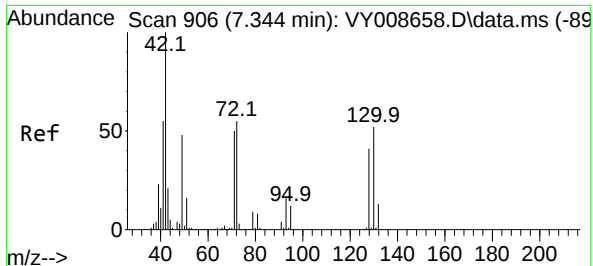
Tgt Ion: 84 Resp: 9665
Ion Ratio Lower Upper
84 100
49 95.0 114.4 171.6#
51 31.7 35.3 52.9#
86 68.0 53.7 80.5



#25
2-Butanone
Concen: 3.629 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

Tgt Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
72 27.9 17.7 26.5#

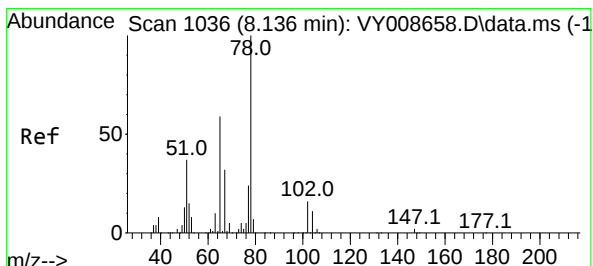
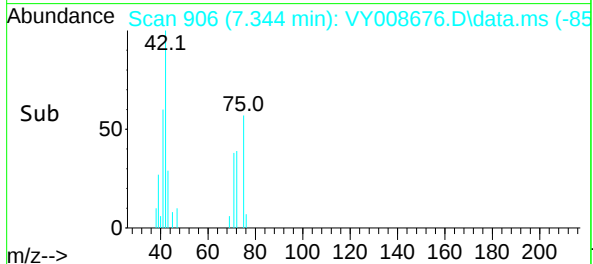
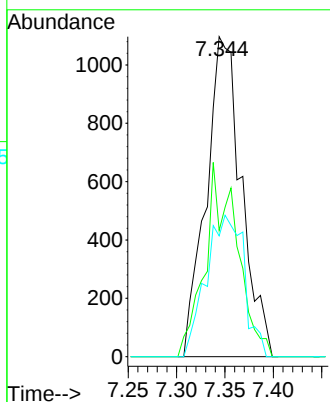
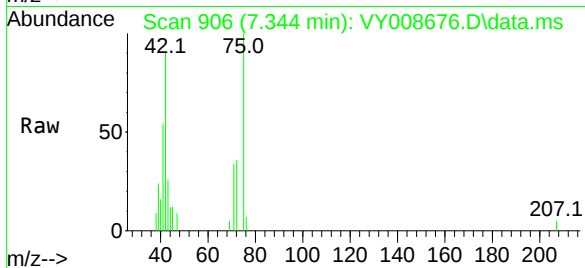




#29
Tetrahydrofuran
Concen: 4.931 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

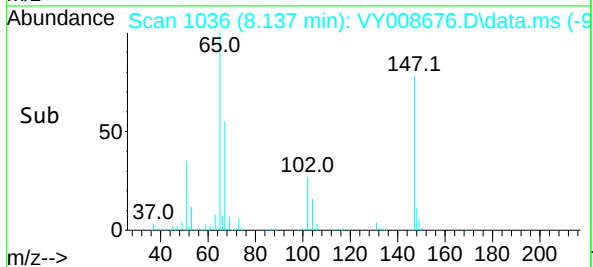
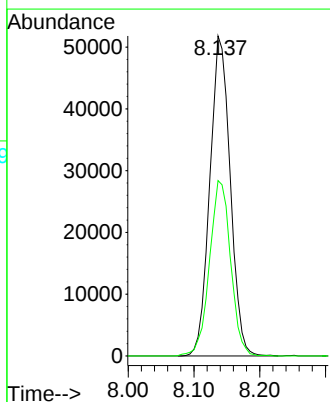
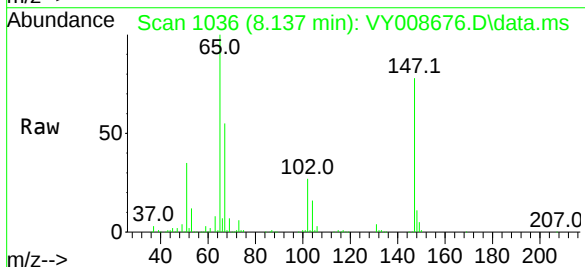
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT3

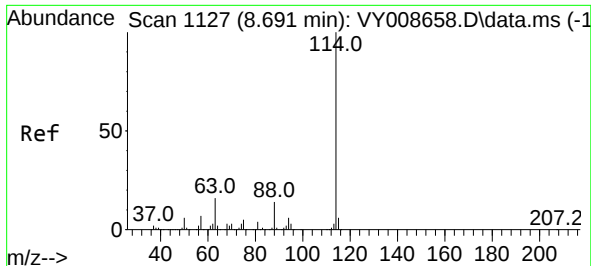
Tgt Ion: 42 Resp: 2780
Ion Ratio Lower Upper
42 100
72 55.0 30.3 45.5#
71 47.7 29.0 43.4#



#33
1,2-Dichloroethane-d4
Concen: 51.332 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

Tgt Ion: 65 Resp: 111652
Ion Ratio Lower Upper
65 100
67 57.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008676.D

Acq: 10 May 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

MMC-PIT3

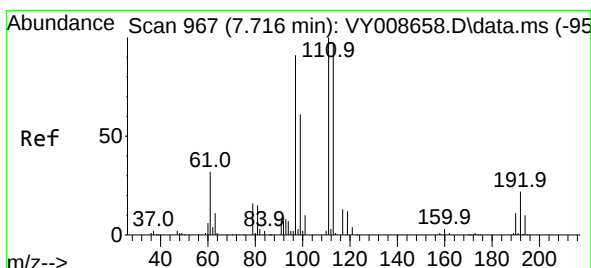
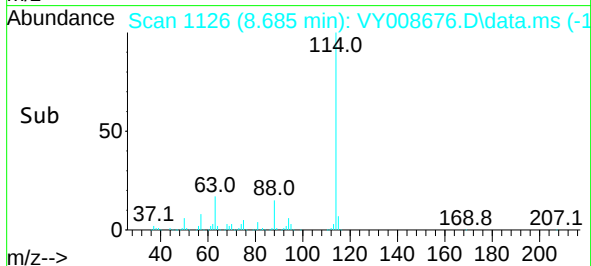
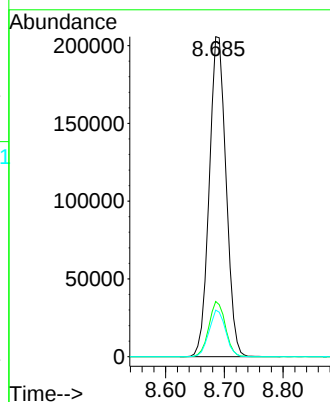
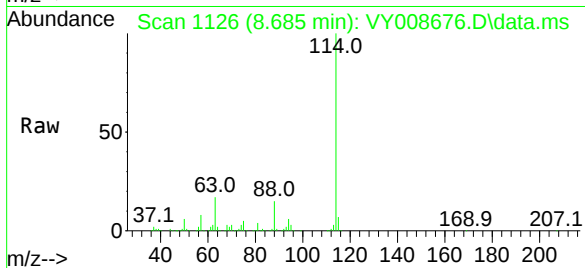
Tgt Ion:114 Resp: 408465

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.242 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008676.D

Acq: 10 May 2022 13:21

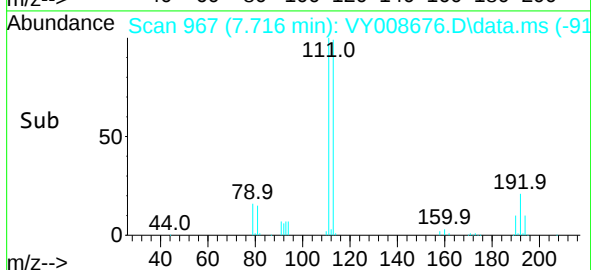
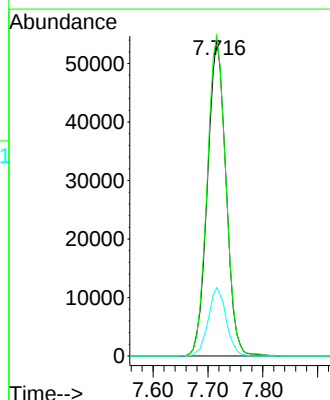
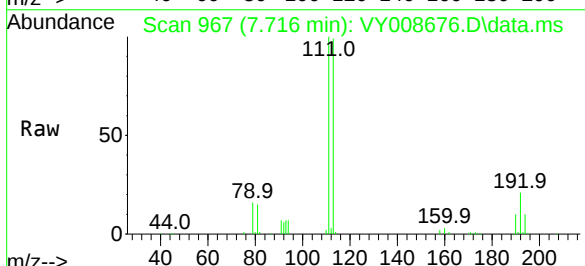
Tgt Ion:113 Resp: 126465

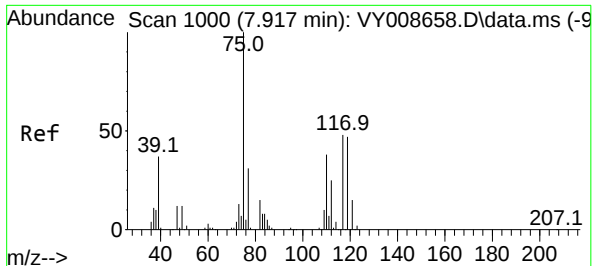
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.145 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008676.D

Acq: 10 May 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

MMC-PIT3

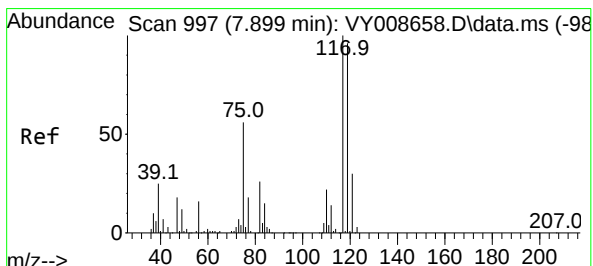
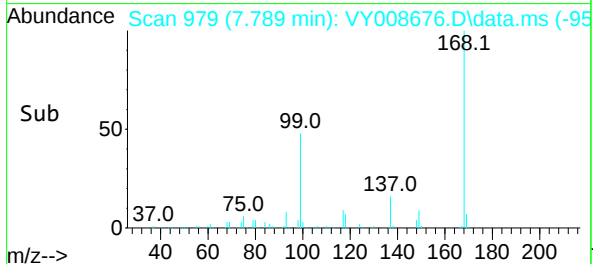
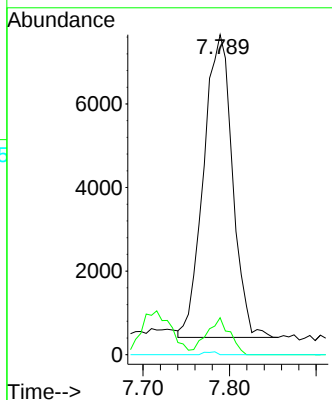
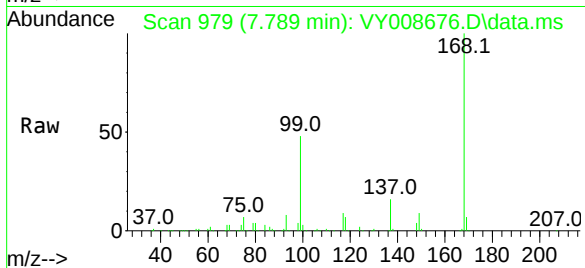
Tgt Ion: 75 Resp: 16765

Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.2#

77 0.4 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.616 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY008676.D

Acq: 10 May 2022 13:21

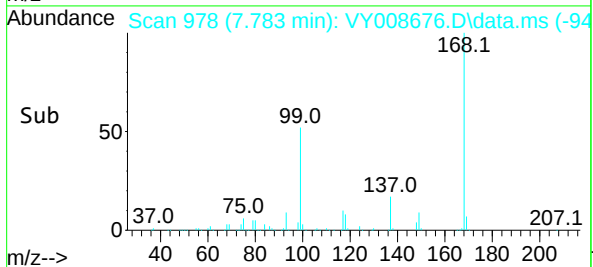
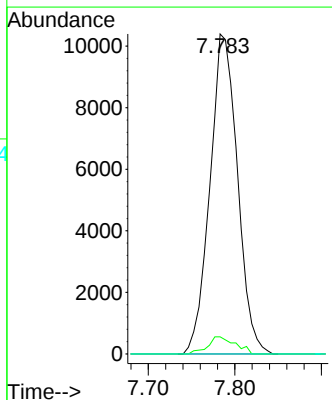
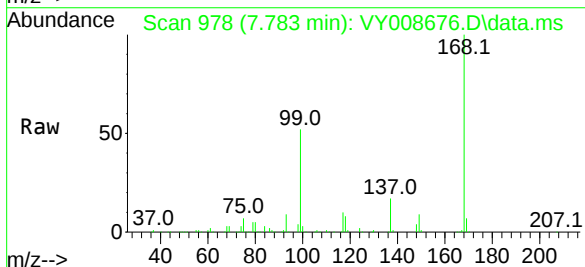
Tgt Ion: 117 Resp: 22973

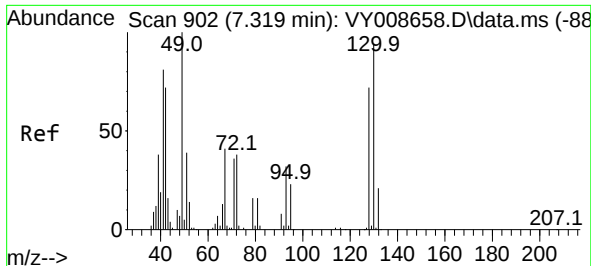
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

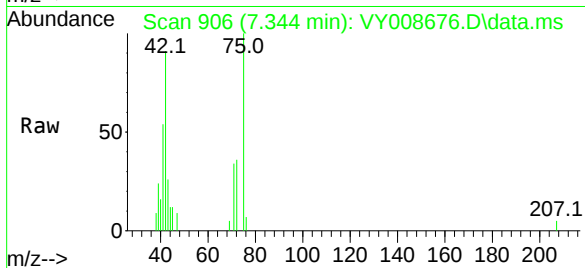
121 0.0 24.8 37.2#



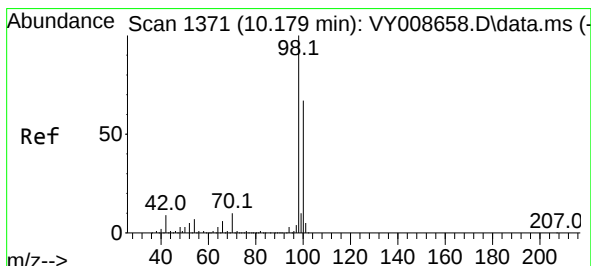
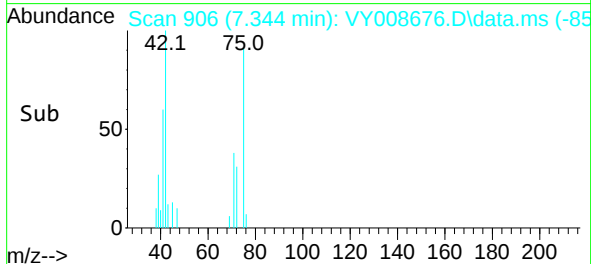
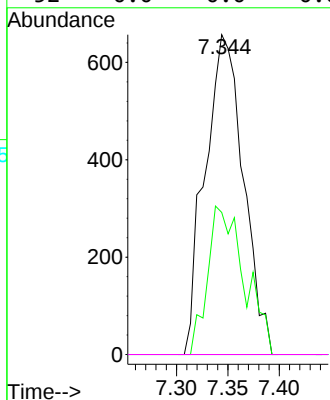


#41
Methacrylonitrile
Concen: 2.280 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT3

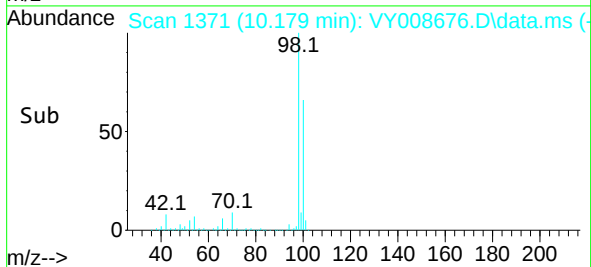
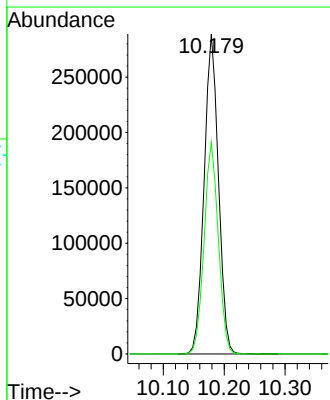
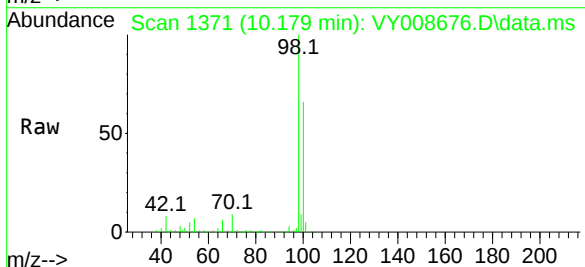


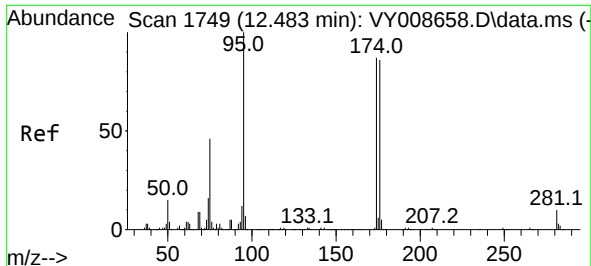
Tgt Ion: 41 Resp: 1704
Ion Ratio Lower Upper
41 100
39 44.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 53.232 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

Tgt Ion: 98 Resp: 472185
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

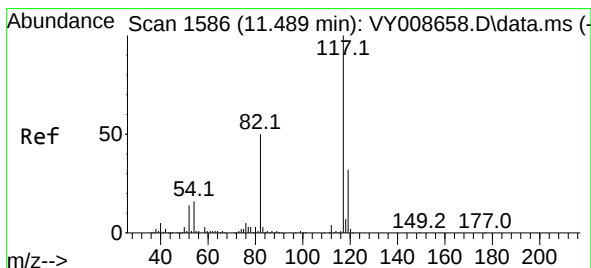
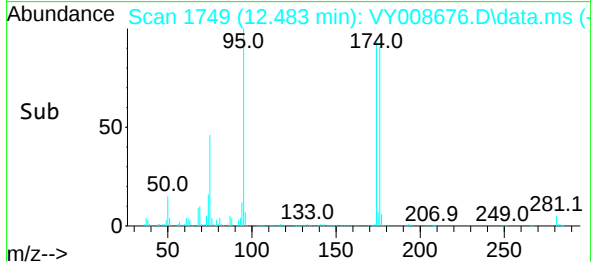
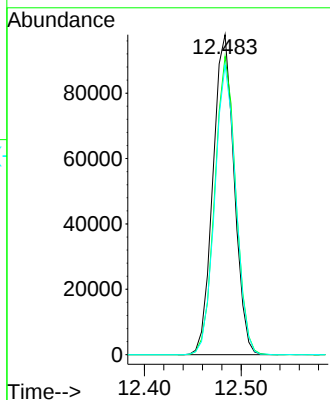
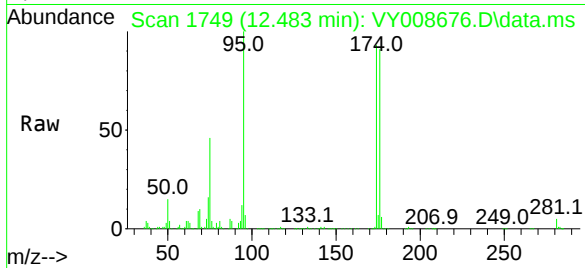




#62
4-Bromofluorobenzene
Concen: 46.720 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

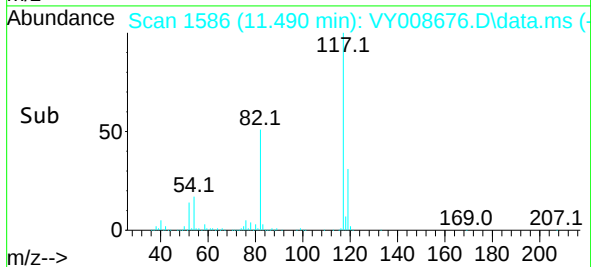
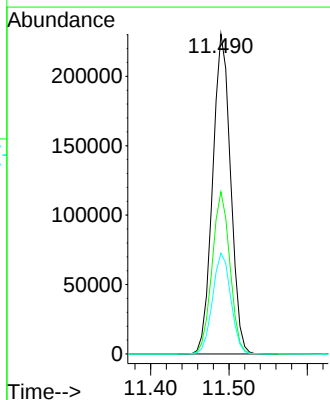
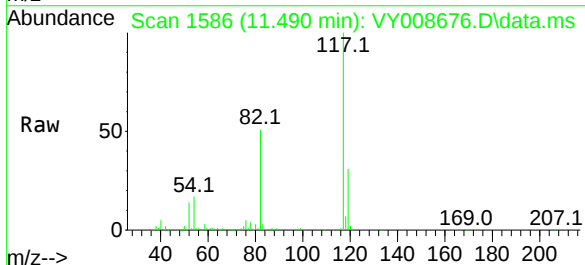
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT3

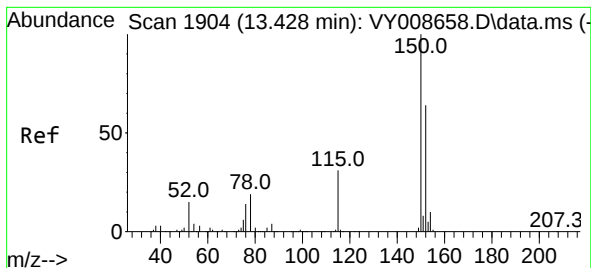
Tgt Ion: 95 Resp: 149095
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 89.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008676.D
Acq: 10 May 2022 13:21

Tgt Ion: 117 Resp: 367154
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 31.5 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: VY008676.D

Acq: 10 May 2022 13:21

Instrument :

MSVOA_Y

ClientSampleId :

MMC-PIT3

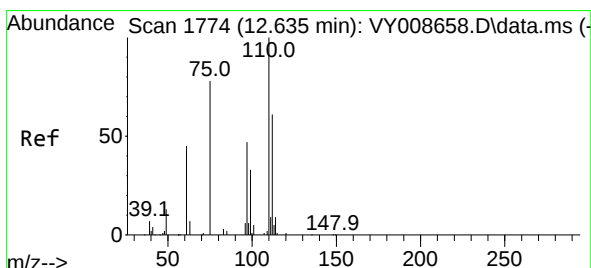
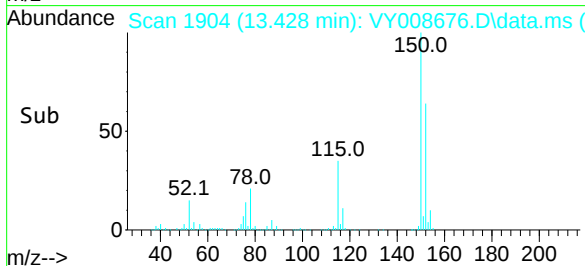
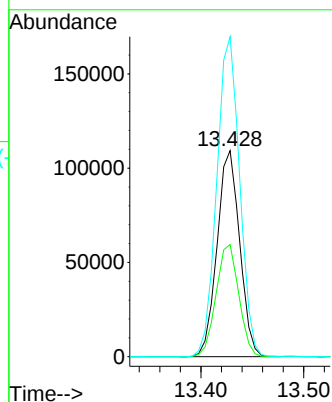
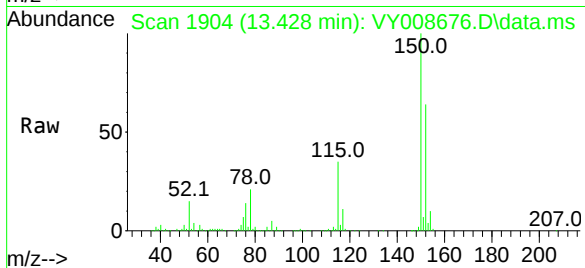
Tgt Ion:152 Resp: 166540

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 157.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 37.675 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008676.D

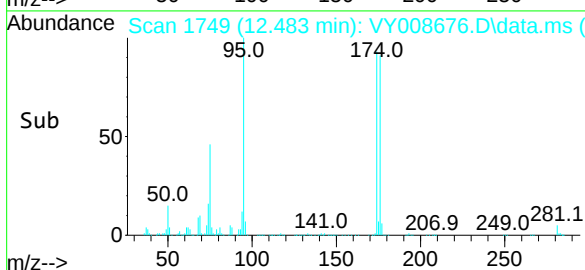
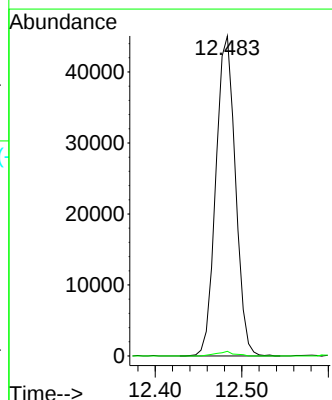
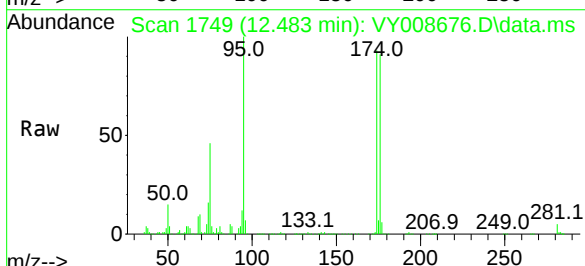
Acq: 10 May 2022 13:21

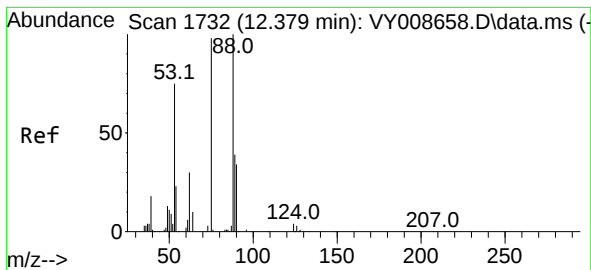
Tgt Ion: 75 Resp: 70729

Ion Ratio Lower Upper

75 100

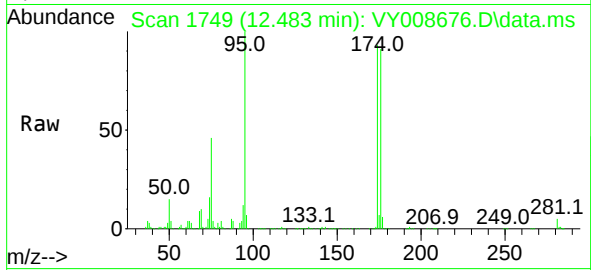
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.956 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008676.D
 Acq: 10 May 2022 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 MMC-PIT3



Tgt Ion: 75 Resp: 70729
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

