

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008675.D
 Acq On : 10 May 2022 12:57
 Operator : KP/MD
 Sample : N2723-03
 Misc : 3.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MMC-PIT2

Quant Time: May 10 15:58:31 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)

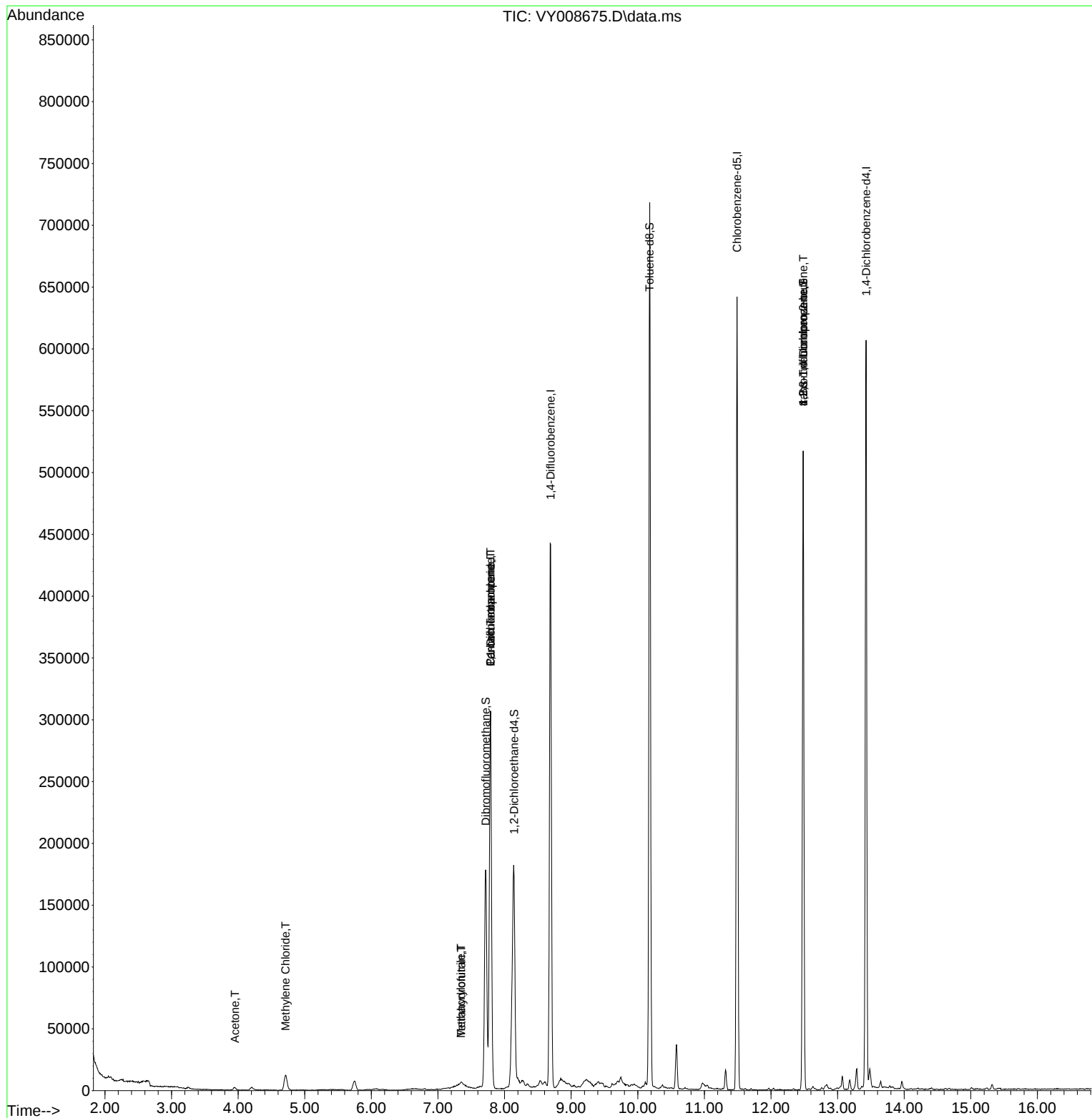
Internal Standards						
1) Pentafluorobenzene	7.789	168	257534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	418777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113635	51.496	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.000%		
35) Dibromofluoromethane	7.716	113	127532	49.418	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.840%		
50) Toluene-d8	10.179	98	479028	52.674	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.340%		
62) 4-Bromofluorobenzene	12.483	95	150054	45.863	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 91.720%		
Target Compounds						
11) Tert butyl alcohol	4.942	59	335	Below Cal	#	77
16) Acetone	3.954	43	3664	7.038	ug/l	92
18) Methyl Acetate	4.479	43	181	Below Cal	#	82
20) Methylene Chloride	4.710	84	10515	3.326	ug/l	# 73
29) Tetrahydrofuran	7.350	42	1694	2.962	ug/l	# 80
36) 1,1-Dichloropropene	7.789	75	17363	4.188	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	22636	5.398	ug/l	# 15
41) Methacrylonitrile	7.344	41	881	1.530	ug/l	# 37
76) 1,2,3-Trichloropropane	12.483	75	70935	37.036	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	70935	73.685	ug/l	# 7

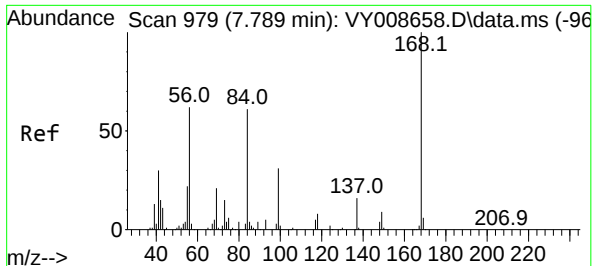
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
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Quant Time: May 10 15:58:31 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

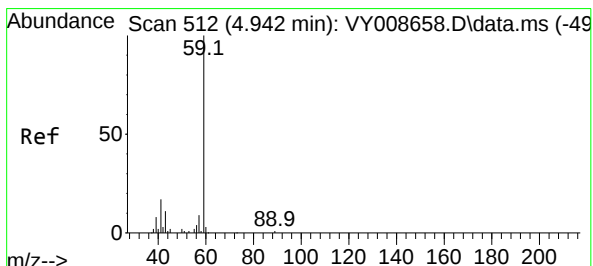
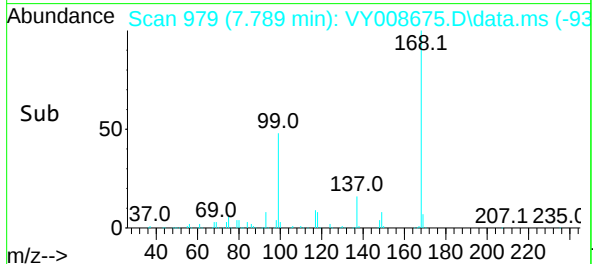
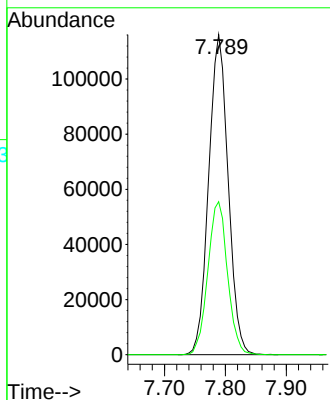
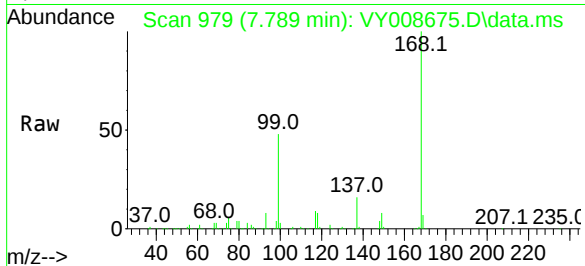




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

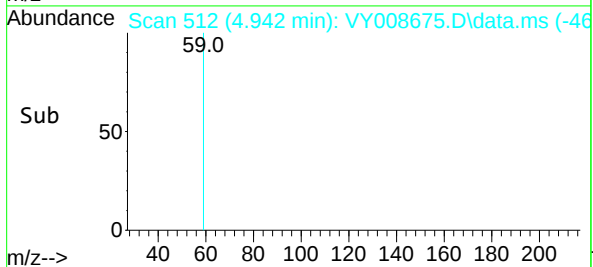
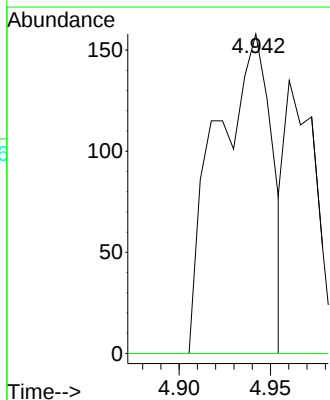
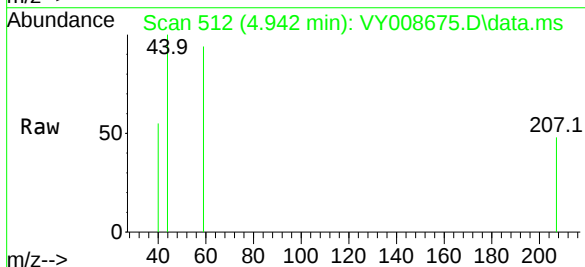
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT2

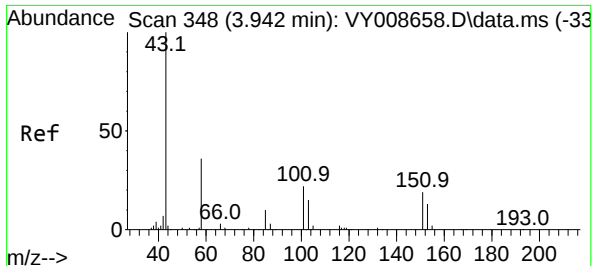
Tgt Ion:168 Resp: 257534
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

Tgt Ion: 59 Resp: 335
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 7.038 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY008675.D

Acq: 10 May 2022 12:57

Instrument :

MSVOA_Y

ClientSampleId :

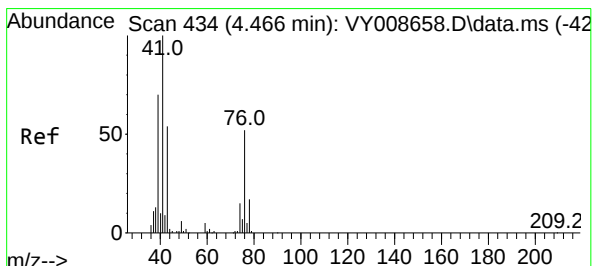
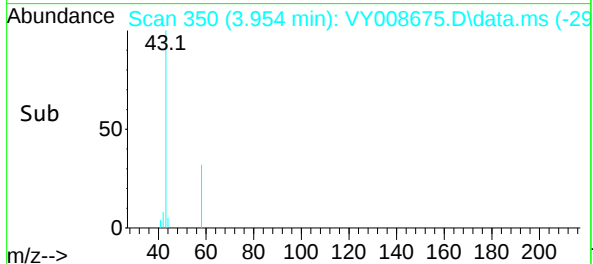
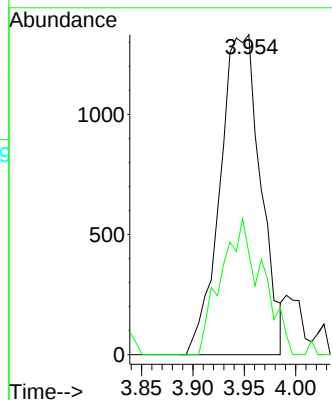
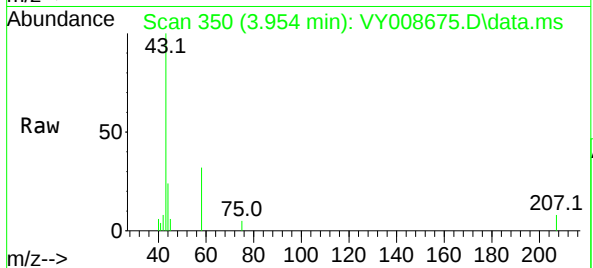
MMC-PIT2

Tgt Ion: 43 Resp: 3664

Ion Ratio Lower Upper

43 100

58 31.7 22.0 33.0



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.013 min

Lab File: VY008675.D

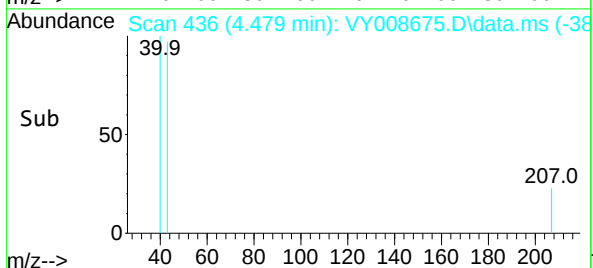
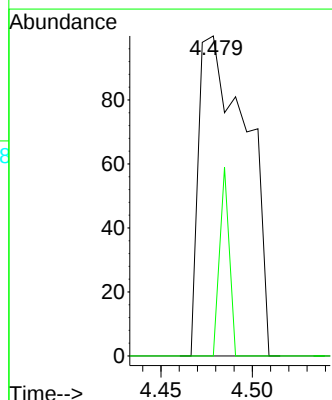
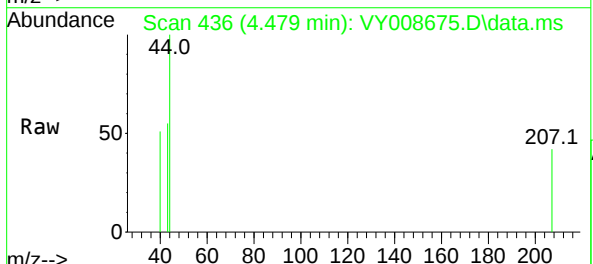
Acq: 10 May 2022 12:57

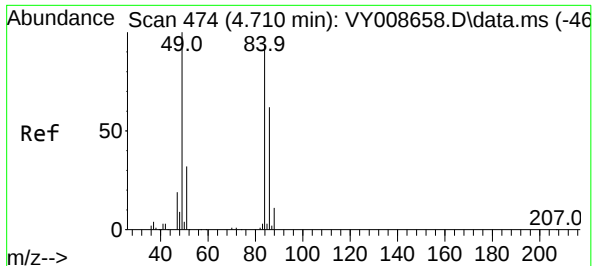
Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

43 100

74 12.2 16.6 24.8#





#20

Methylene Chloride

Concen: 3.326 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008675.D

Acq: 10 May 2022 12:57

Instrument :

MSVOA_Y

ClientSampleId :

MMC-PIT2

Tgt Ion: 84 Resp: 10515

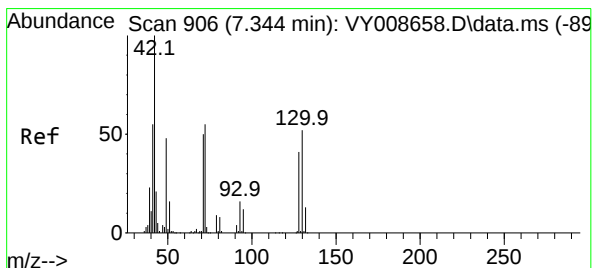
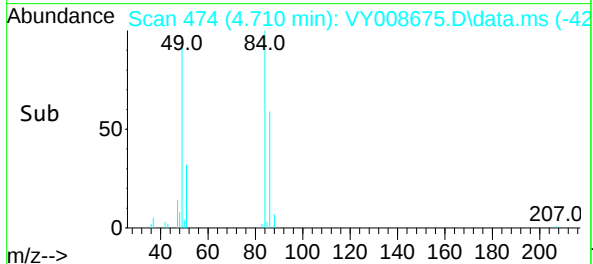
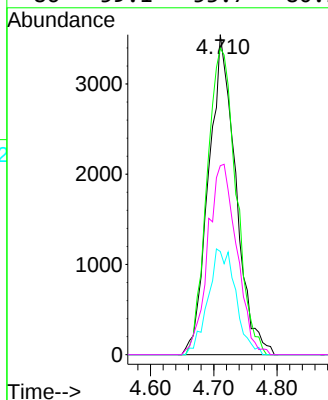
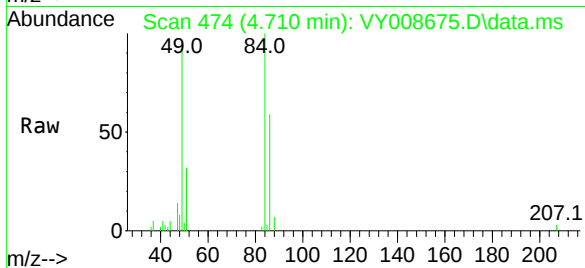
Ion Ratio Lower Upper

84 100

49 95.8 114.4 171.6#

51 32.3 35.3 52.9#

86 59.1 53.7 80.5



#29

Tetrahydrofuran

Concen: 2.962 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY008675.D

Acq: 10 May 2022 12:57

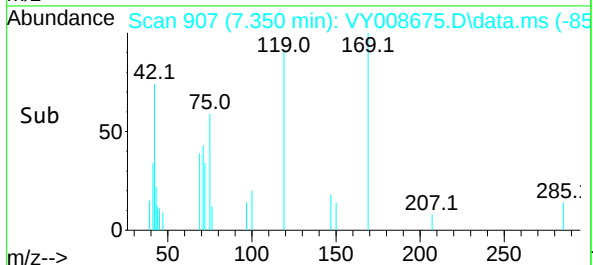
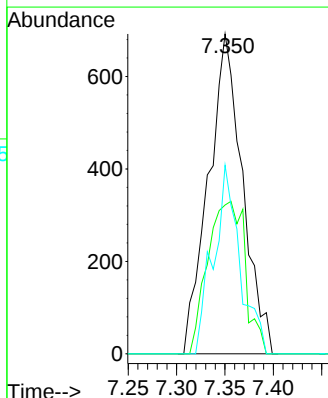
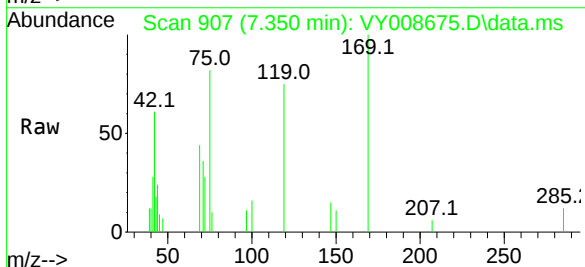
Tgt Ion: 42 Resp: 1694

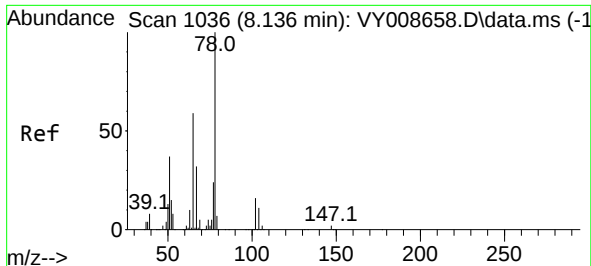
Ion Ratio Lower Upper

42 100

72 52.4 30.3 45.5#

71 45.6 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 51.496 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY008675.D

Acq: 10 May 2022 12:57

Instrument :

MSVOA_Y

ClientSampleId :

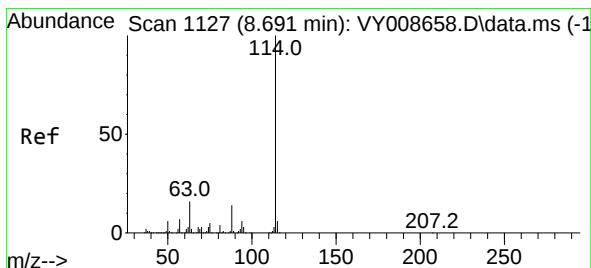
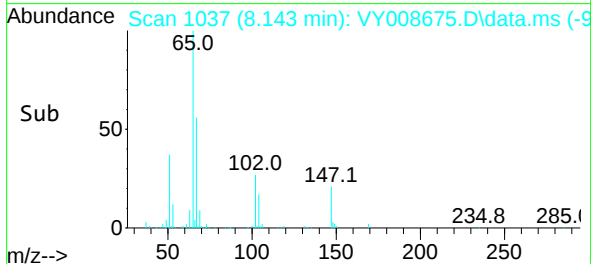
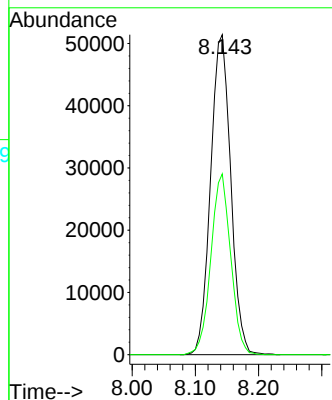
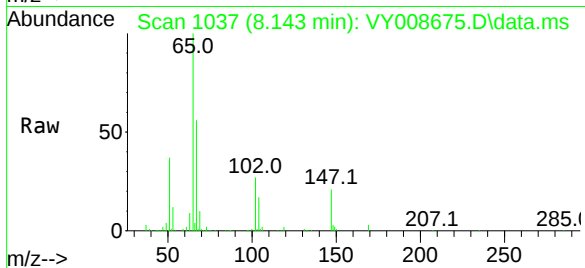
MMC-PIT2

Tgt Ion: 65 Resp: 113635

Ion Ratio Lower Upper

65 100

67 55.5 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: VY008675.D

Acq: 10 May 2022 12:57

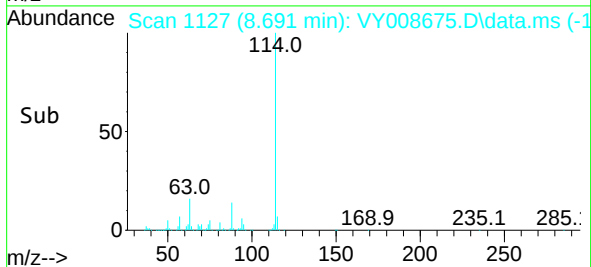
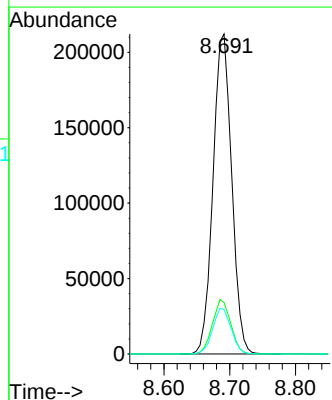
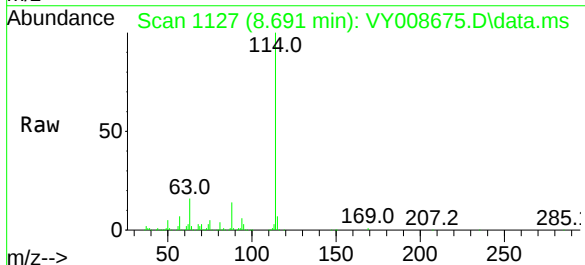
Tgt Ion:114 Resp: 418777

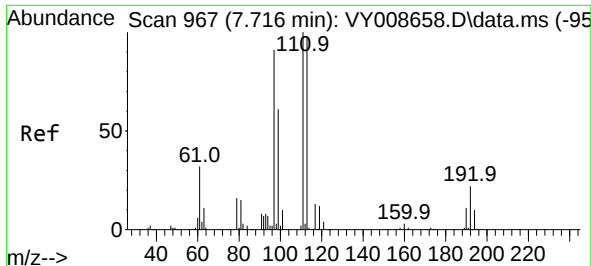
Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 13.9 0.0 31.8

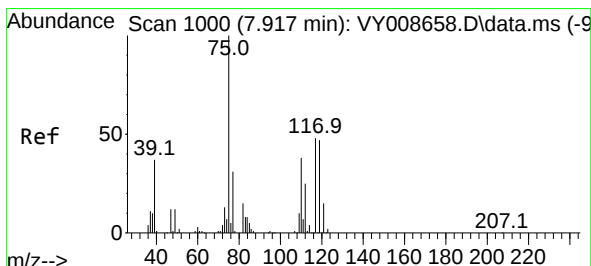
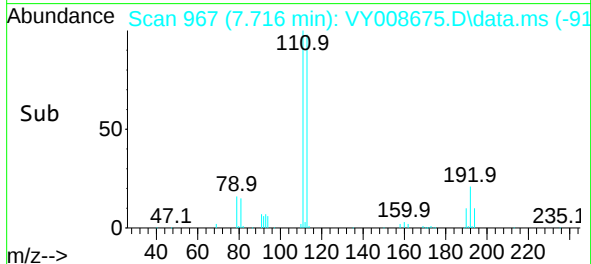
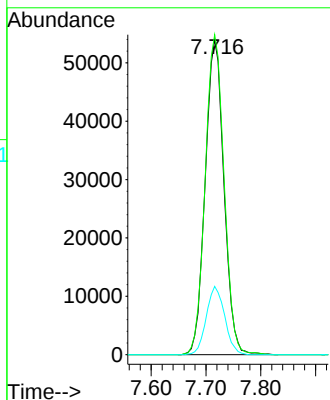
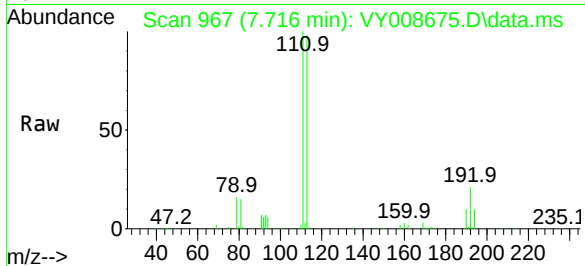




#35
Dibromofluoromethane
Concen: 49.418 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

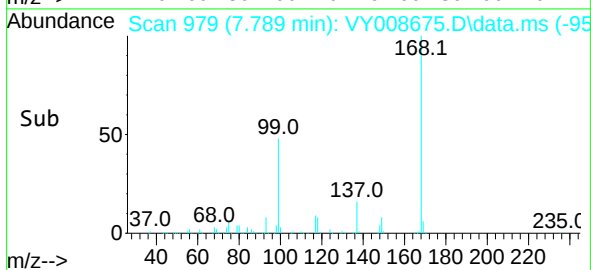
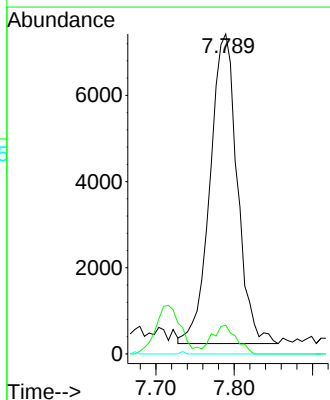
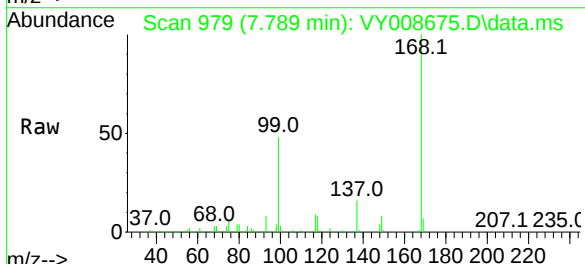
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT2

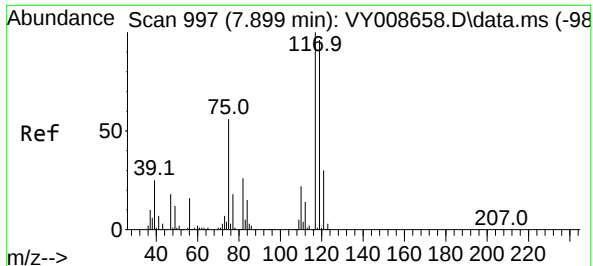
Tgt Ion:113 Resp: 127532
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 21.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.188 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

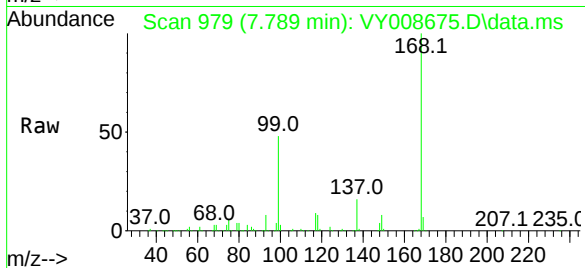
Tgt Ion: 75 Resp: 17363
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



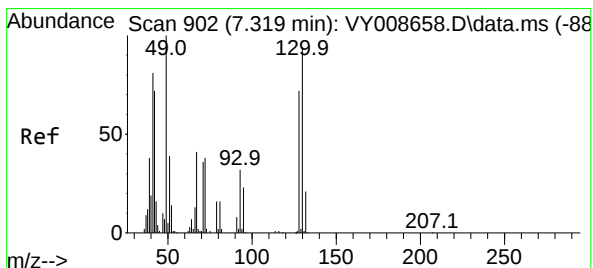
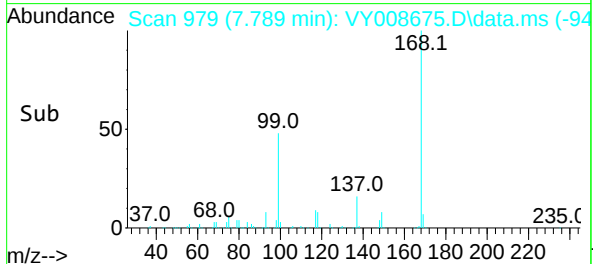
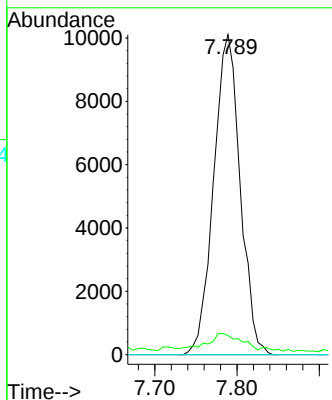


#38
Carbon Tetrachloride
Concen: 5.398 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT2

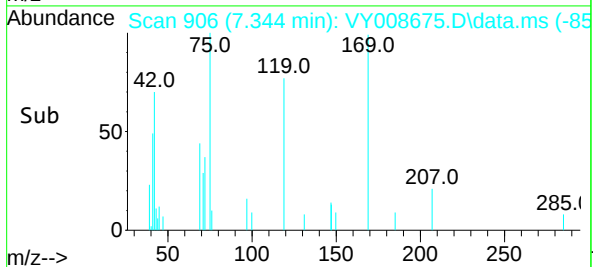
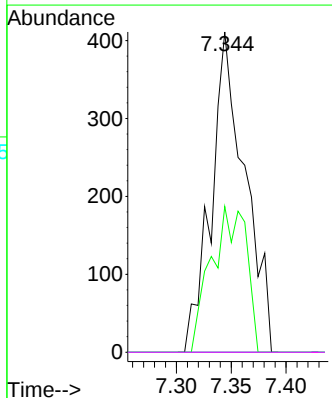
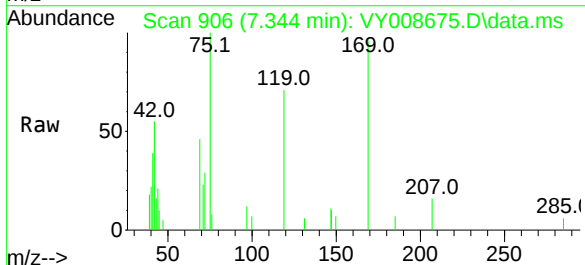


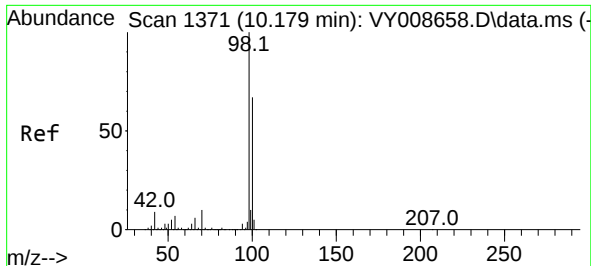
Tgt Ion:117 Resp: 22636
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.530 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.025 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

Tgt Ion: 41 Resp: 881
Ion Ratio Lower Upper
41 100
39 47.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

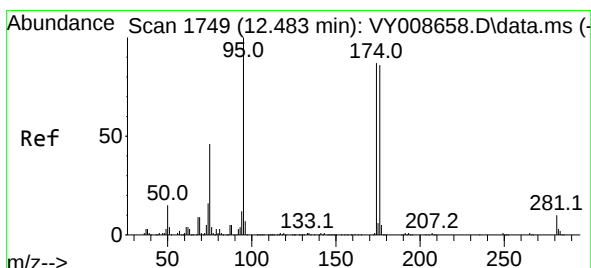
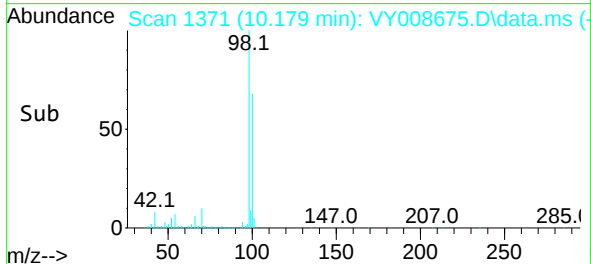
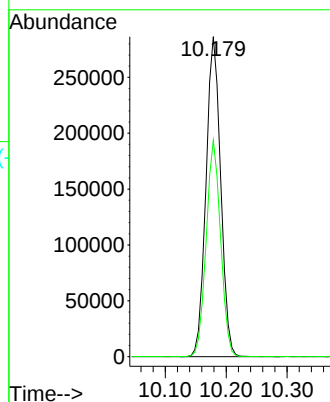
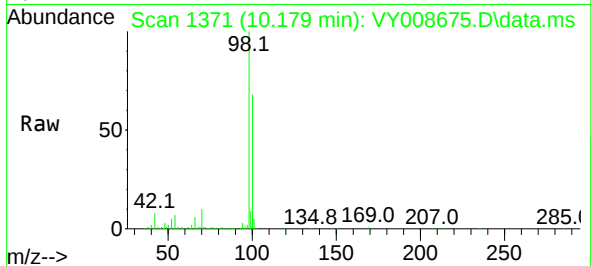




#50
Toluene-d8
Concen: 52.674 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

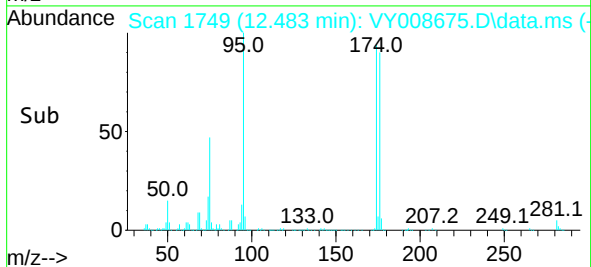
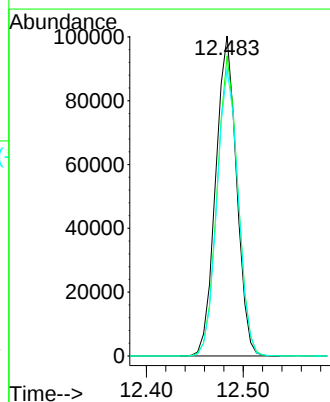
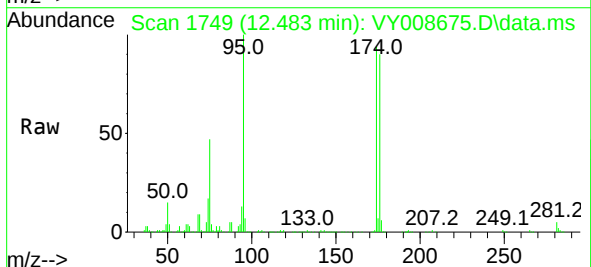
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT2

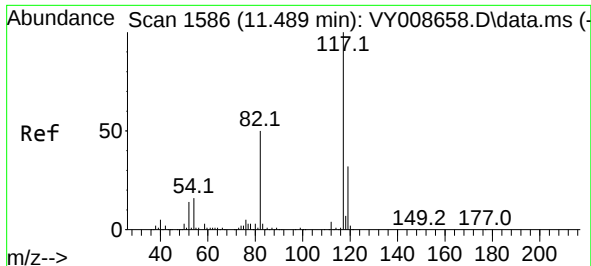
Tgt Ion: 98 Resp: 479028
Ion Ratio Lower Upper
98 100
100 66.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

Tgt Ion: 95 Resp: 150054
Ion Ratio Lower Upper
95 100
174 93.7 0.0 177.0
176 90.8 0.0 175.8

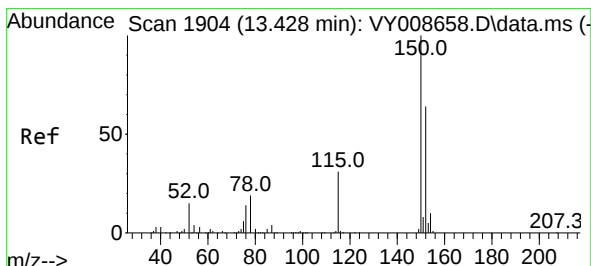
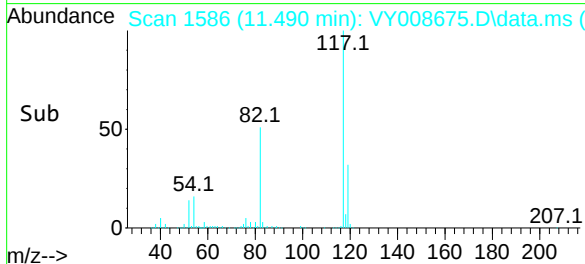
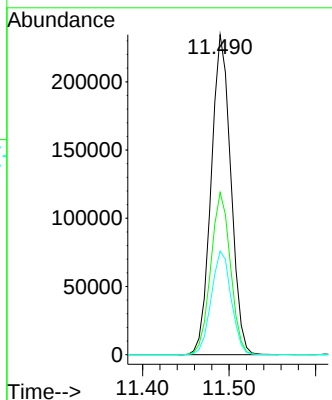
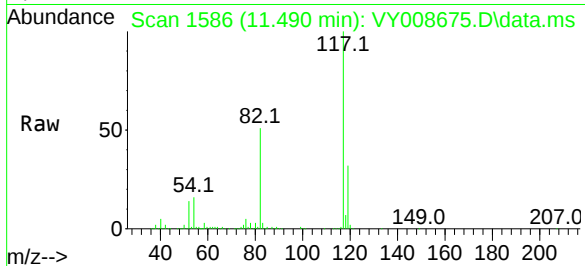




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

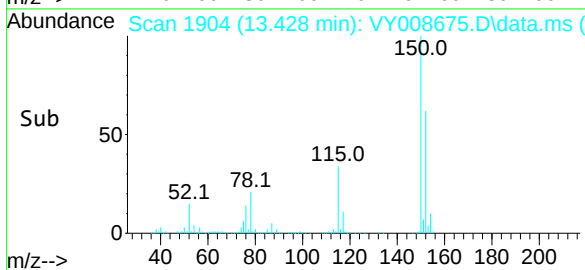
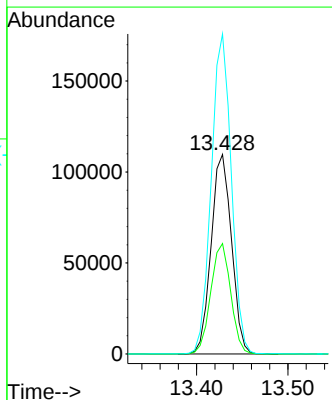
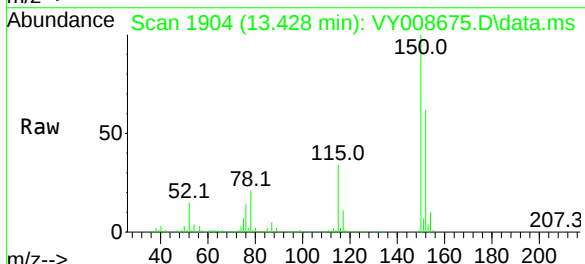
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT2

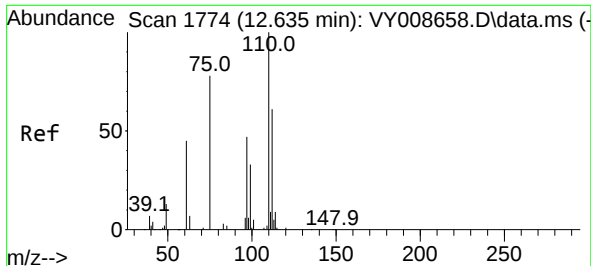
Tgt Ion:117 Resp: 370627
Ion Ratio Lower Upper
117 100
82 50.7 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008675.D
Acq: 10 May 2022 12:57

Tgt Ion:152 Resp: 169906
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 157.8 0.0 347.6

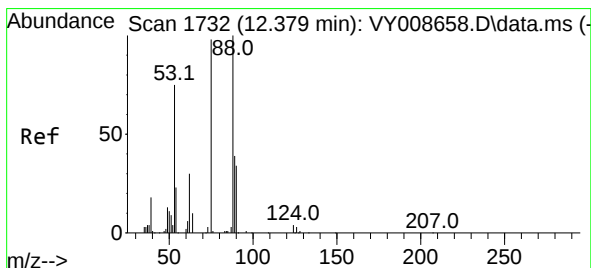
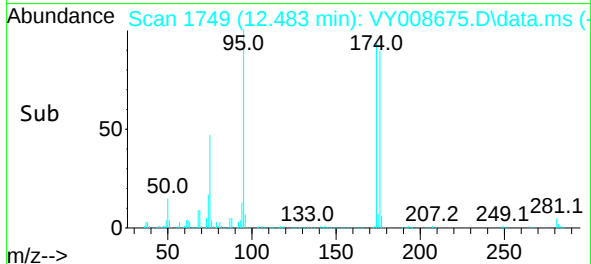
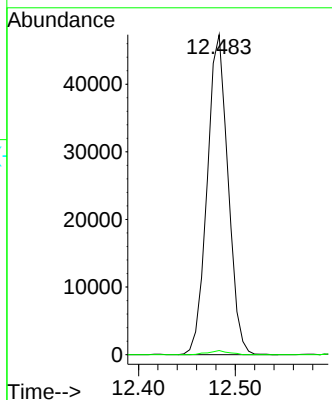
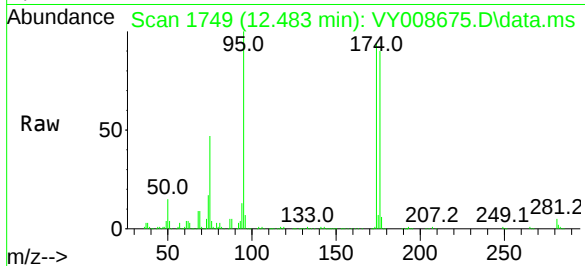




#76
 1,2,3-Trichloropropane
 Concen: 37.036 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008675.D
 Acq: 10 May 2022 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 MMC-PIT2

Tgt Ion: 75 Resp: 70935
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.685 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY008675.D
 Acq: 10 May 2022 12:57

Tgt Ion: 75 Resp: 70935
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.0 37.0 55.4#

