

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008674.D
 Acq On : 10 May 2022 12:34
 Operator : KP/MD
 Sample : N2723-01
 Misc : 3.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MMC-PIT1

Quant Time: May 10 15:58:10 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)

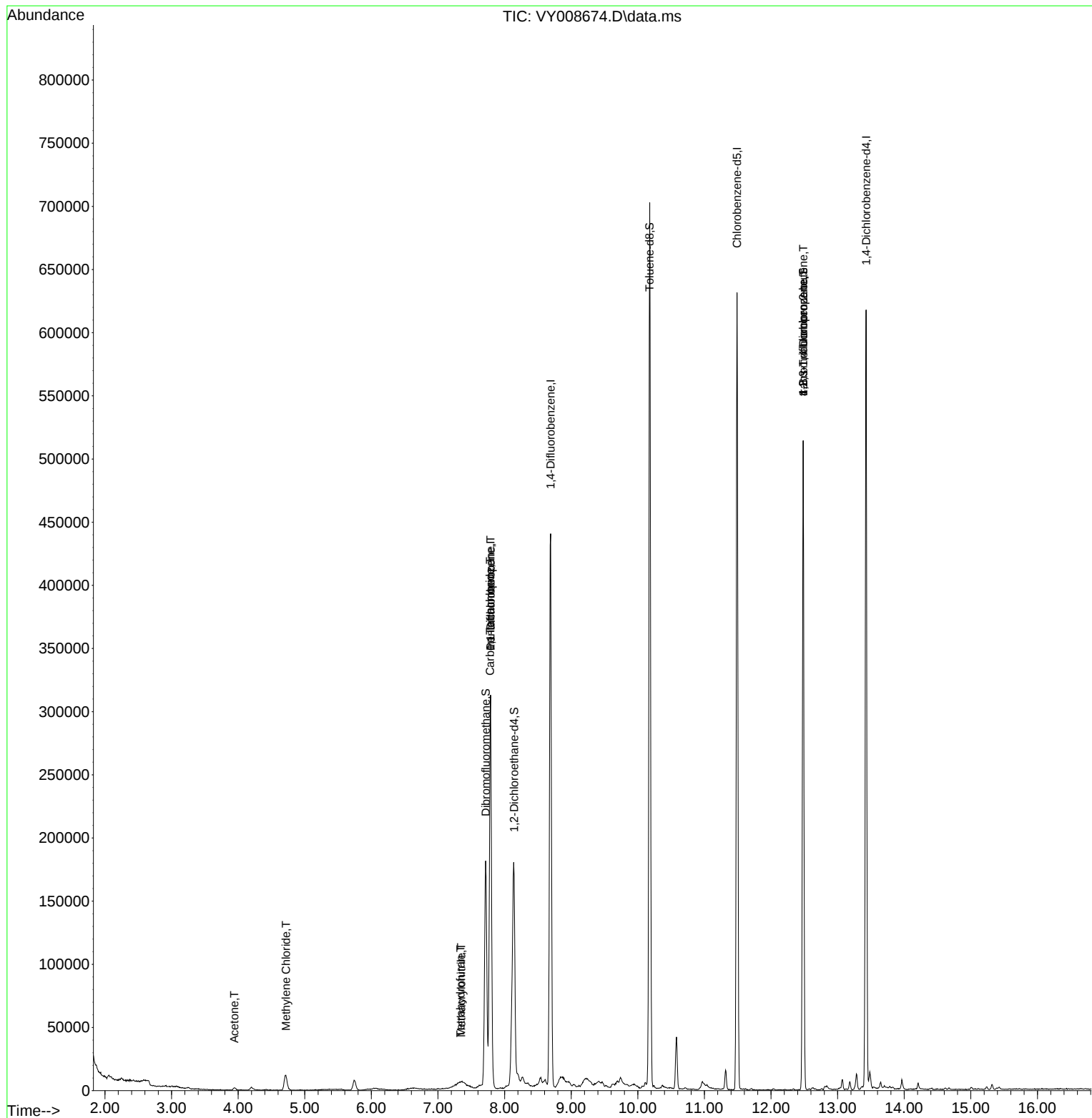
Internal Standards						
1) Pentafluorobenzene	7.789	168	256222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	410341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	372884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	109540	49.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.780%
35) Dibromofluoromethane	7.716	113	126660	50.089	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.180%
50) Toluene-d8	10.179	98	478936	53.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.483	95	149930	46.767	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.540%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	448	Below Cal	#	77
16) Acetone	3.942	43	3188	6.155	ug/l	100
18) Methyl Acetate	4.472	43	151	Below Cal	#	56
20) Methylene Chloride	4.716	84	10195	3.241	ug/l	# 75
29) Tetrahydrofuran	7.338	42	1112	1.954	ug/l	# 87
36) 1,1-Dichloropropene	7.789	75	17070	4.201	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	22808	5.550	ug/l	# 17
41) Methacrylonitrile	7.350	41	672	1.361	ug/l	# 18
76) 1,2,3-Trichloropropane	12.483	75	71507	37.769	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	71507	75.144	ug/l	# 7

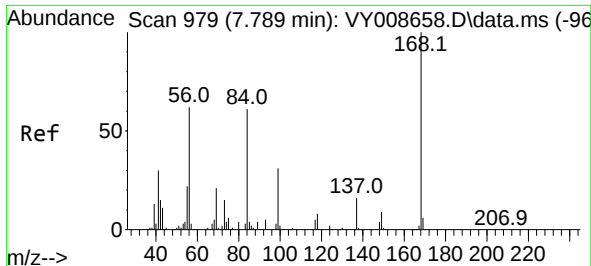
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
Data File : VY008674.D
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Quant Time: May 10 15:58:10 2022
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Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

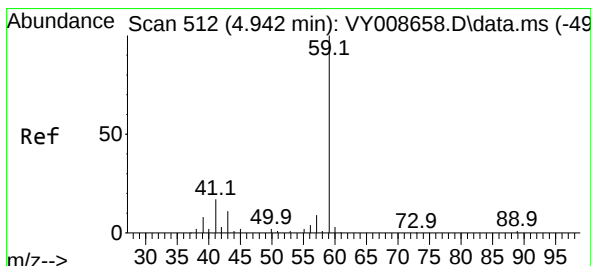
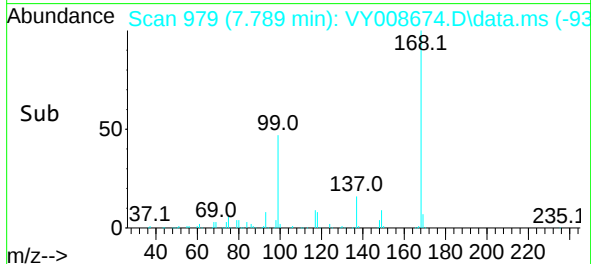
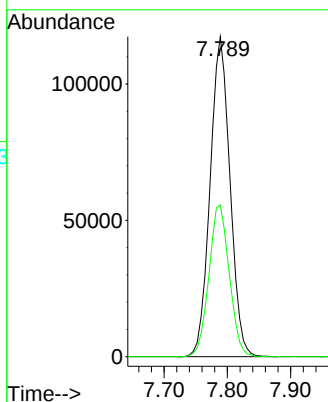
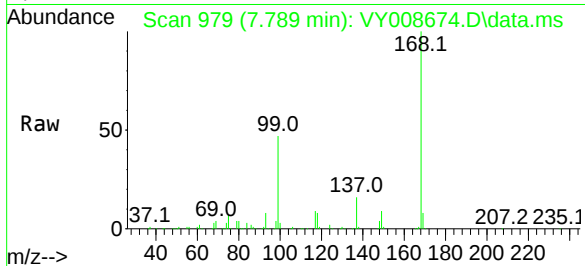




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

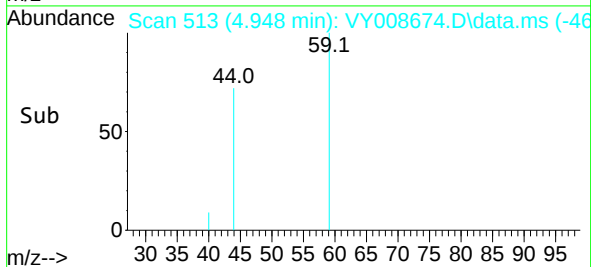
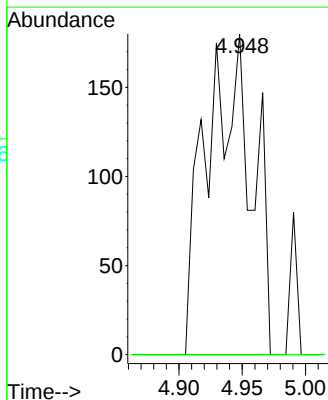
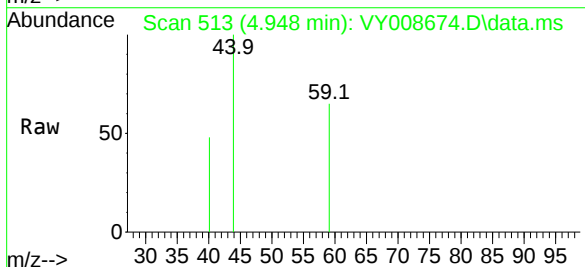
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT1

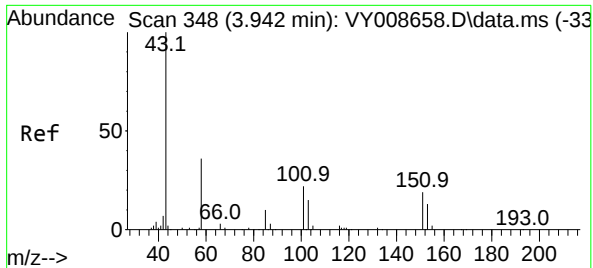
Tgt Ion:168 Resp: 256222
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Tgt Ion: 59 Resp: 448
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

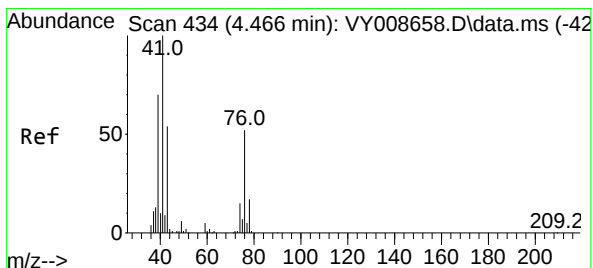
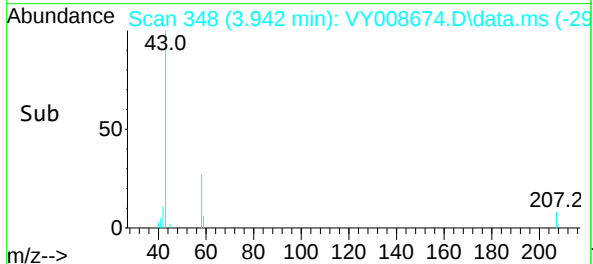
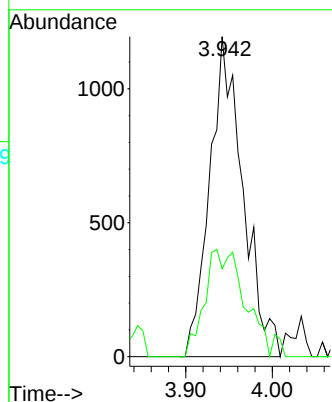
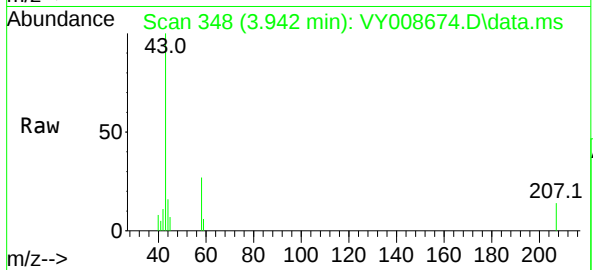




#16
Acetone
Concen: 6.155 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

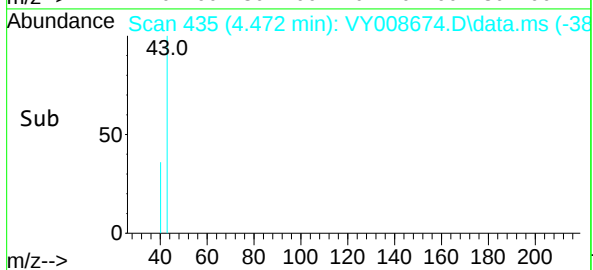
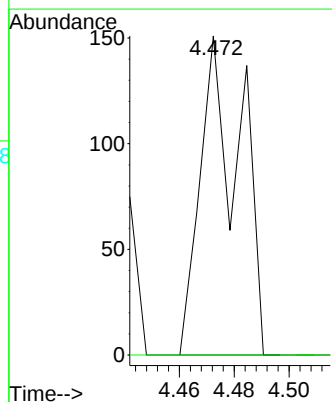
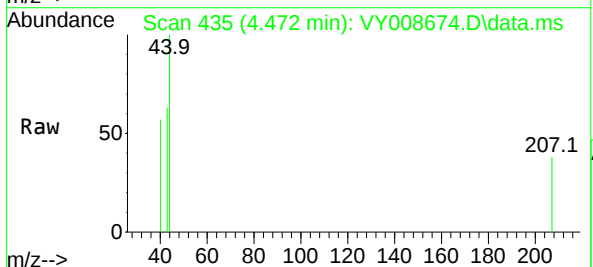
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT1

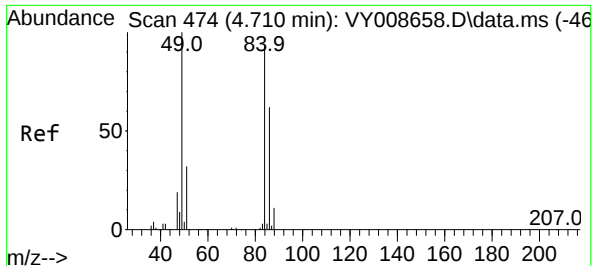
Tgt Ion: 43 Resp: 3188
Ion Ratio Lower Upper
43 100
58 27.4 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

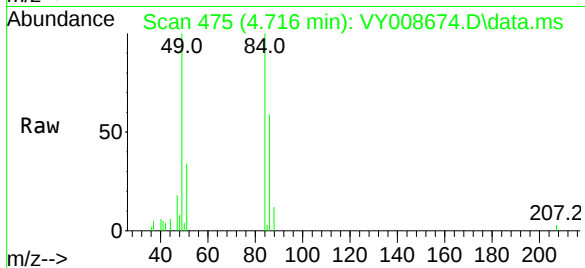
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



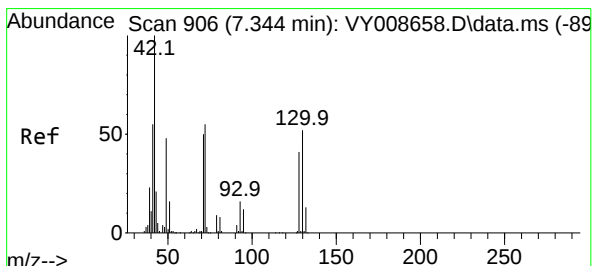
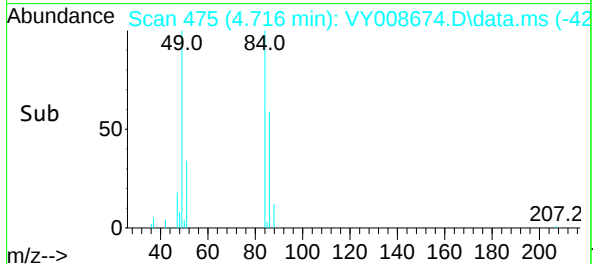
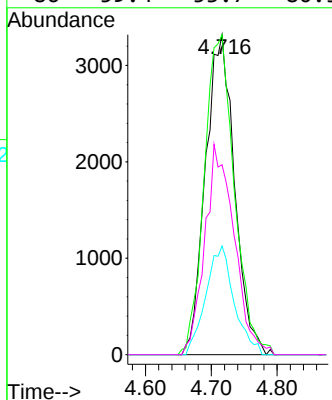


#20
Methylene Chloride
Concen: 3.241 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT1

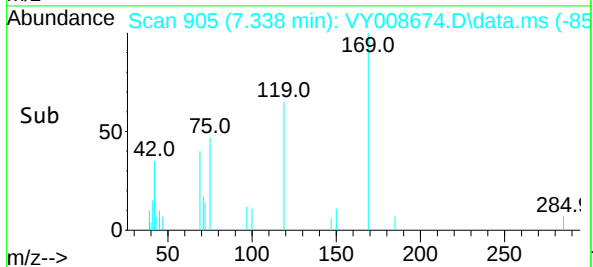
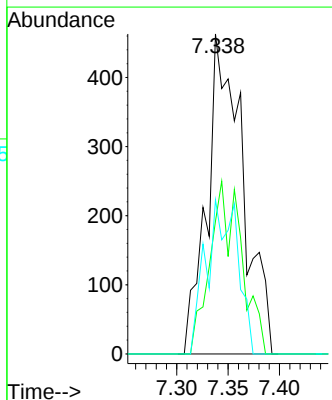
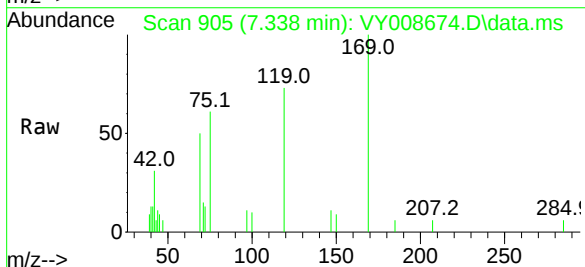


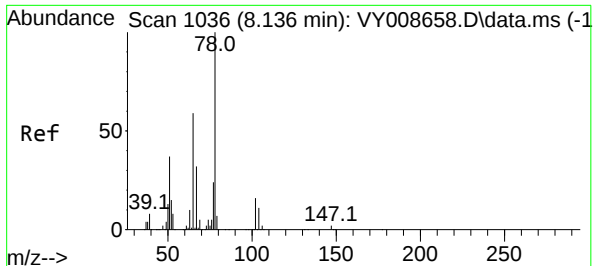
Tgt Ion: 84 Resp: 10195
Ion Ratio Lower Upper
84 100
49 100.0 114.4 171.6#
51 34.0 35.3 52.9#
86 59.4 53.7 80.5



#29
Tetrahydrofuran
Concen: 1.954 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Tgt Ion: 42 Resp: 1112
Ion Ratio Lower Upper
42 100
72 47.7 30.3 45.5#
71 42.3 29.0 43.4





#33

1,2-Dichloroethane-d4

Concen: 49.894 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY008674.D

Acq: 10 May 2022 12:34

Instrument :

MSVOA_Y

ClientSampleId :

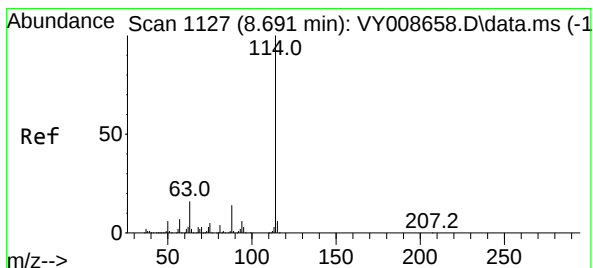
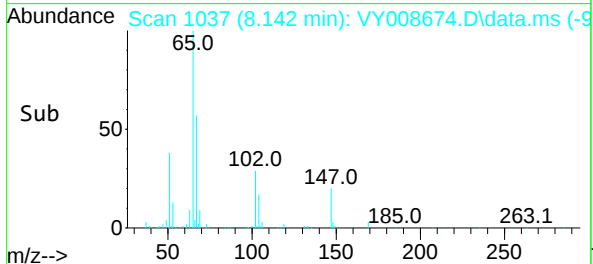
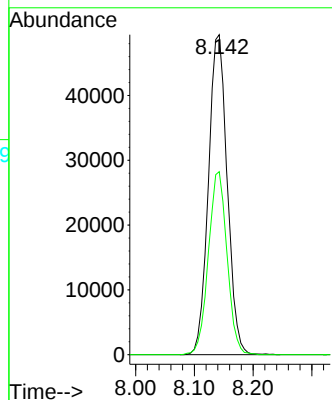
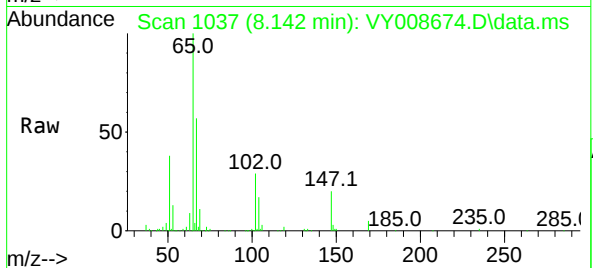
MMC-PIT1

Tgt Ion: 65 Resp: 109540

Ion Ratio Lower Upper

65 100

67 56.8 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: VY008674.D

Acq: 10 May 2022 12:34

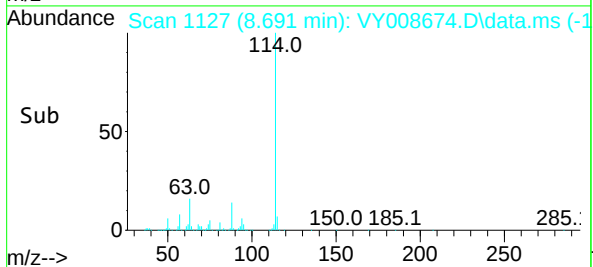
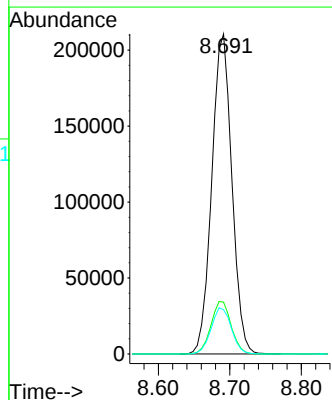
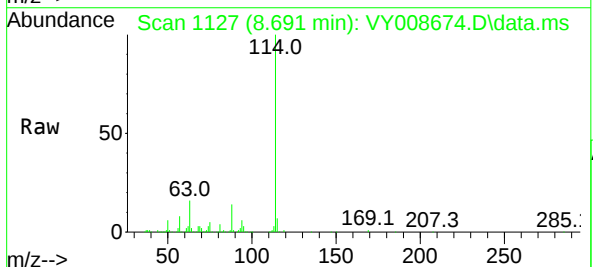
Tgt Ion: 114 Resp: 410341

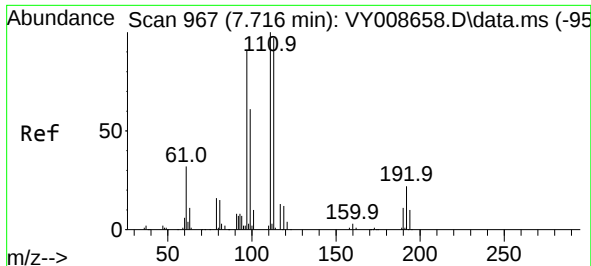
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 13.8 0.0 31.8

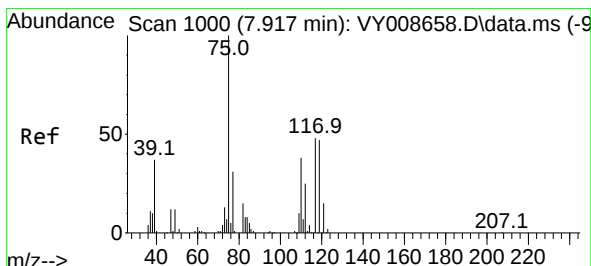
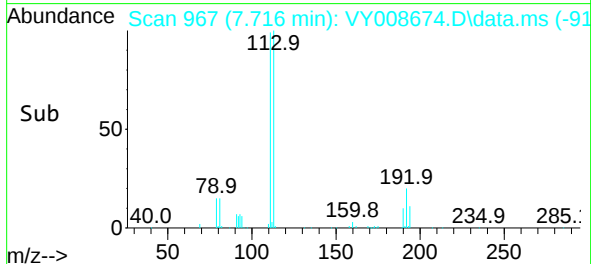
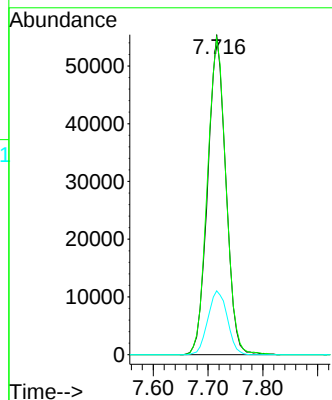
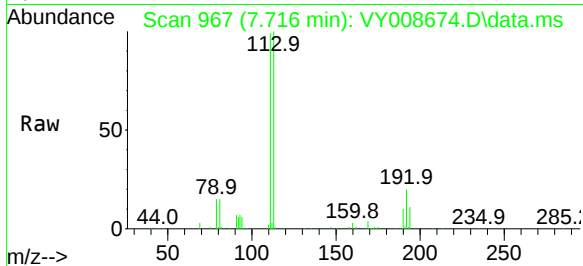




#35
Dibromofluoromethane
Concen: 50.089 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

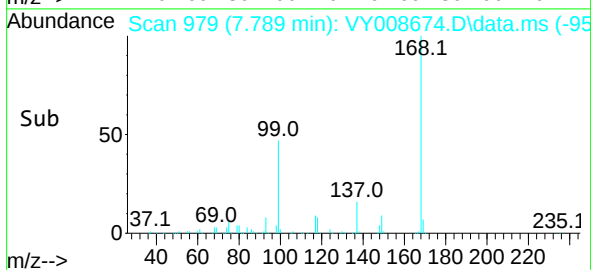
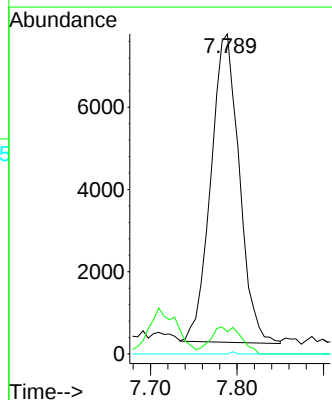
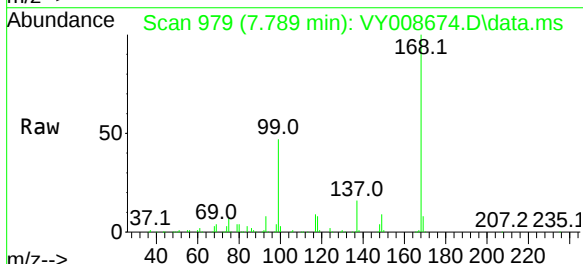
Instrument :
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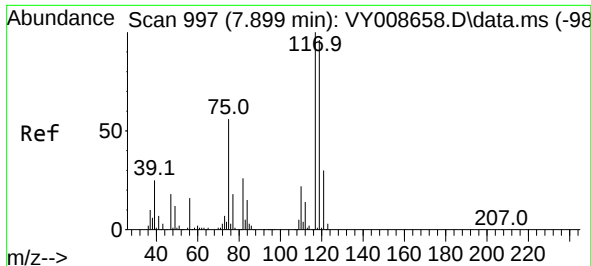
Tgt Ion:113 Resp: 126660
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 21.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.201 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Tgt Ion: 75 Resp: 17070
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.1 24.4 36.6#

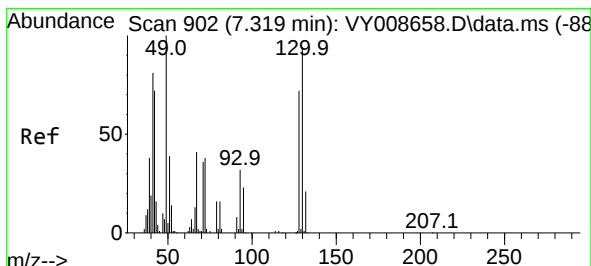
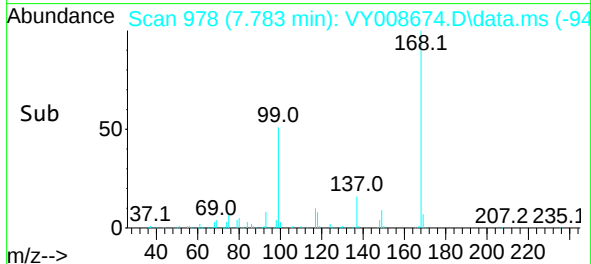
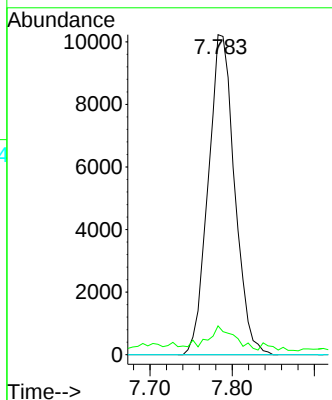
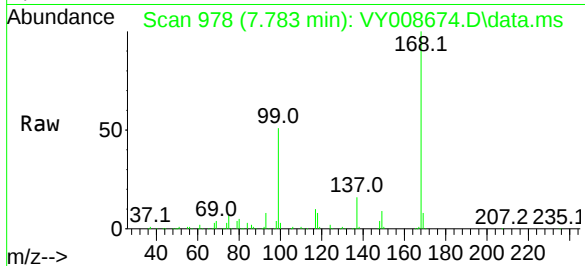




#38
Carbon Tetrachloride
Concen: 5.550 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

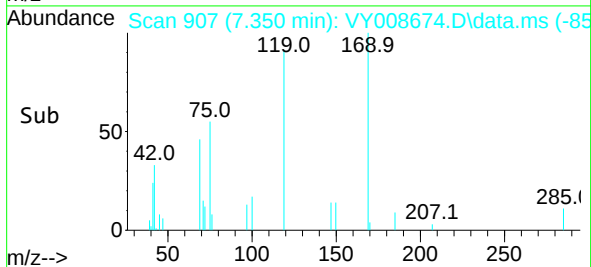
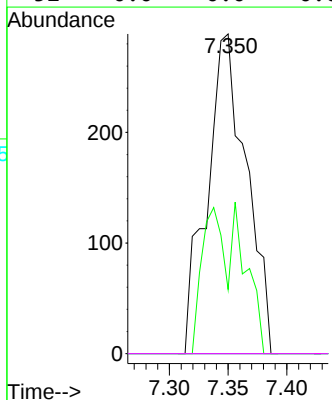
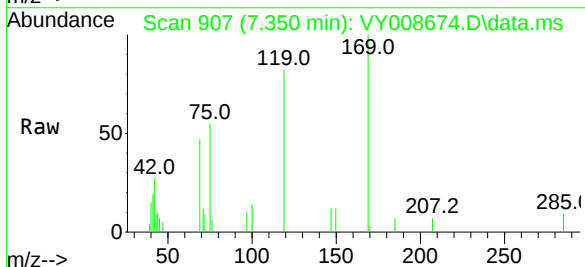
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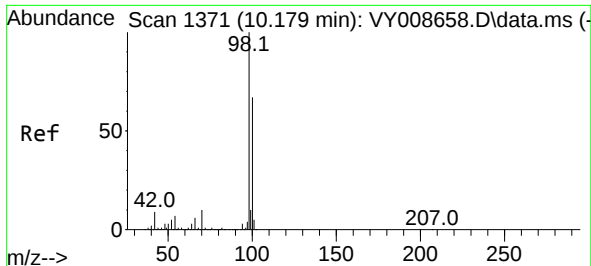
Tgt Ion:117 Resp: 22808
Ion Ratio Lower Upper
117 100
119 7.5 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.361 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Tgt Ion: 41 Resp: 672
Ion Ratio Lower Upper
41 100
39 26.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

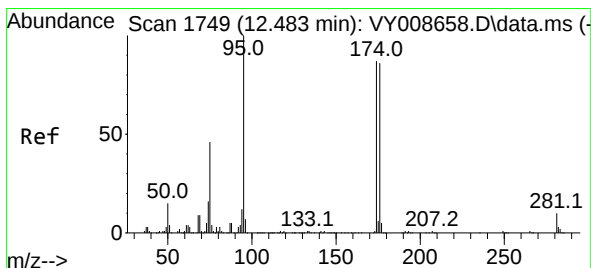
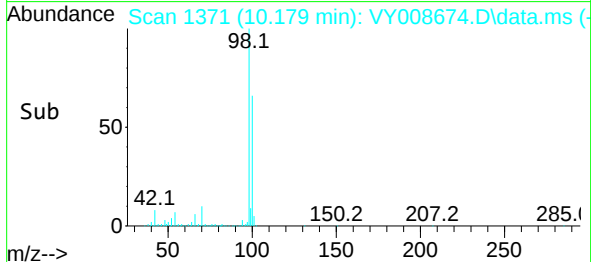
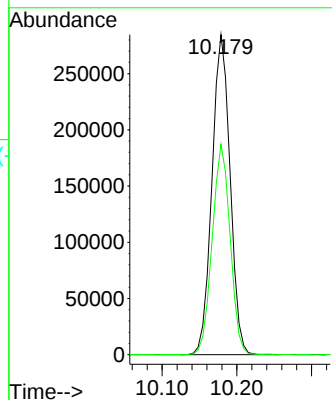
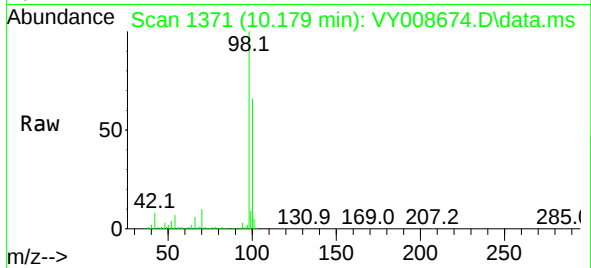




#50
Toluene-d8
Concen: 53.747 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

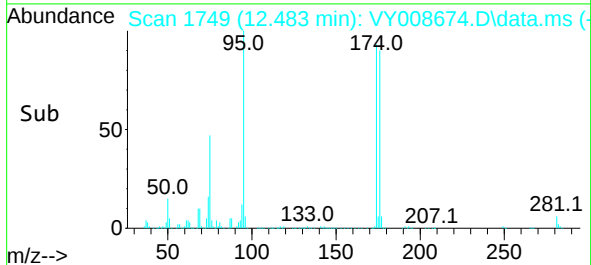
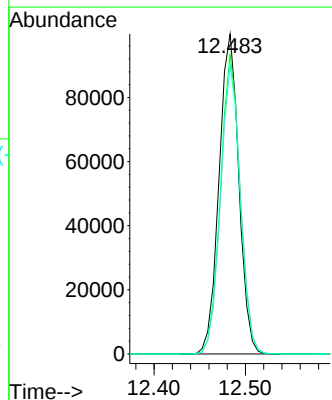
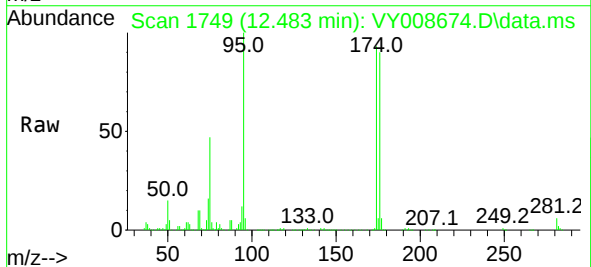
Instrument :
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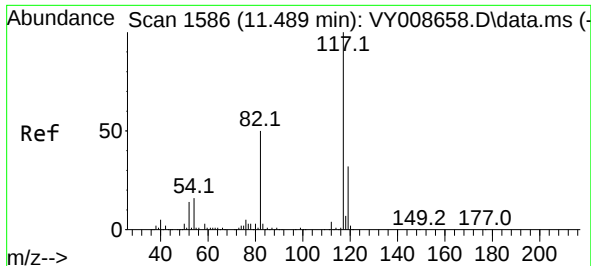
Tgt Ion: 98 Resp: 478936
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.767 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Tgt Ion: 95 Resp: 149930
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.9 0.0 175.8

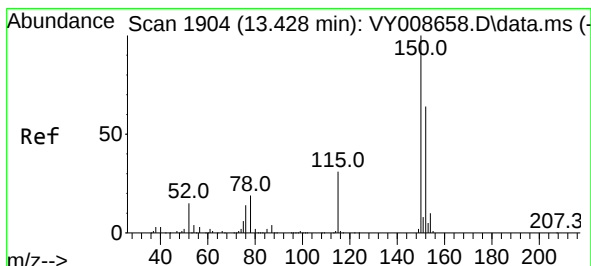
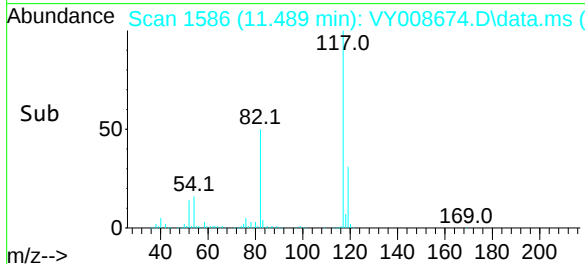
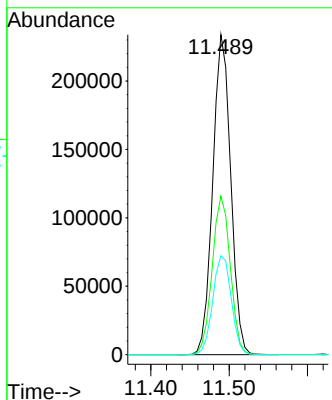
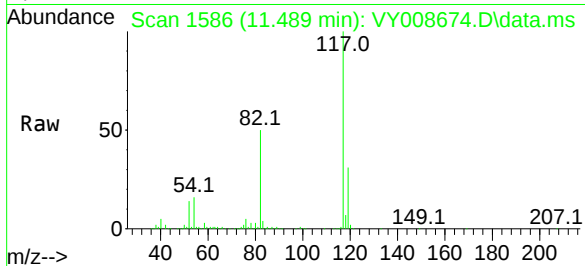




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

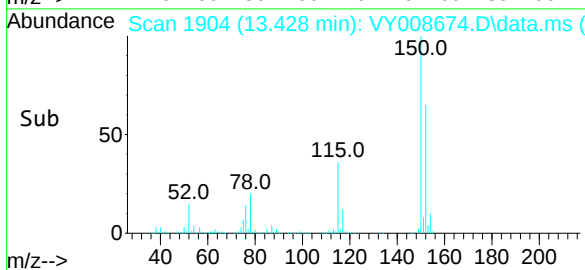
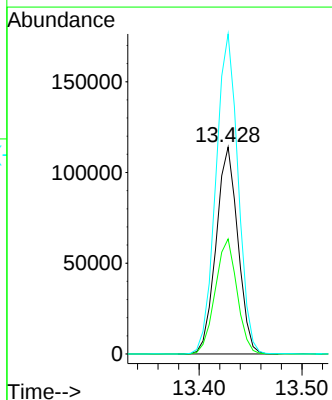
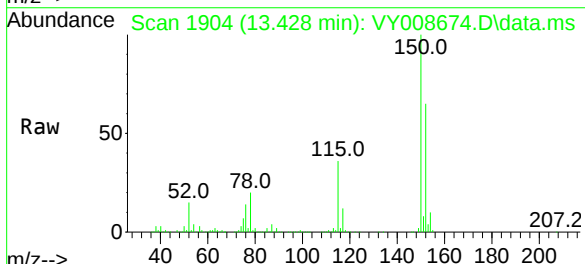
Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT1

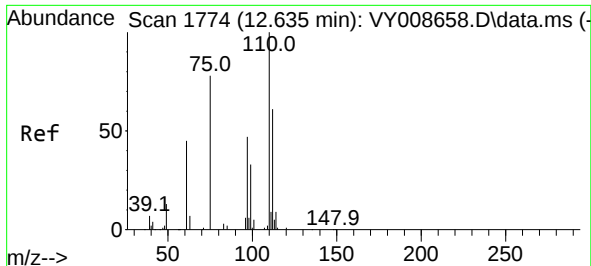
Tgt Ion:117 Resp: 372884
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 30.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Tgt Ion:152 Resp: 167951
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.4 0.0 347.6

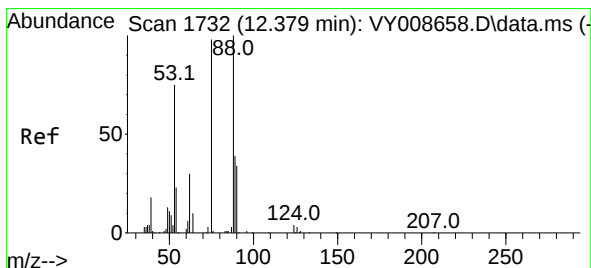
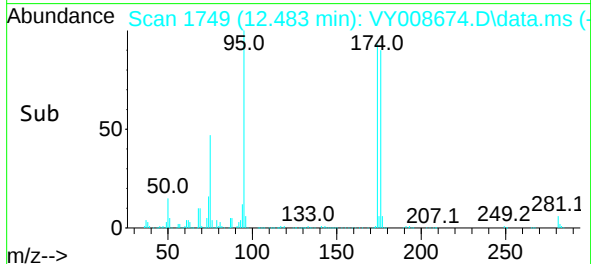
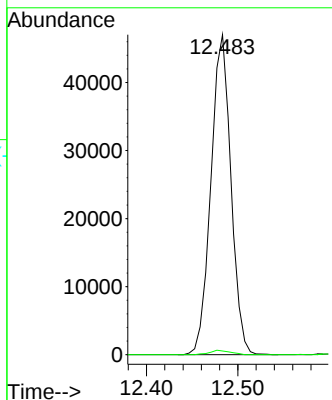
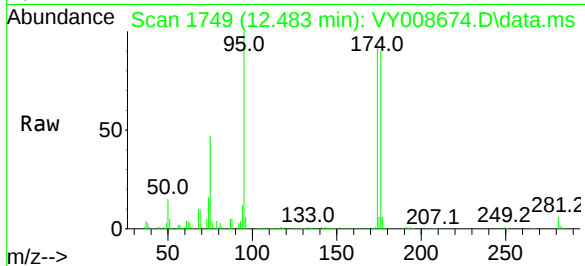




#76
1,2,3-Trichloropropane
Concen: 37.769 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Instrument :
MSVOA_Y
ClientSampleId :
MMC-PIT1

Tgt Ion: 75 Resp: 71507
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008674.D
Acq: 10 May 2022 12:34

Tgt Ion: 75 Resp: 71507
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

