

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007672.D
 Acq On : 01 Mar 2022 16:59
 Operator : SY/MD
 Sample : N1721-07
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 02 07:51:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

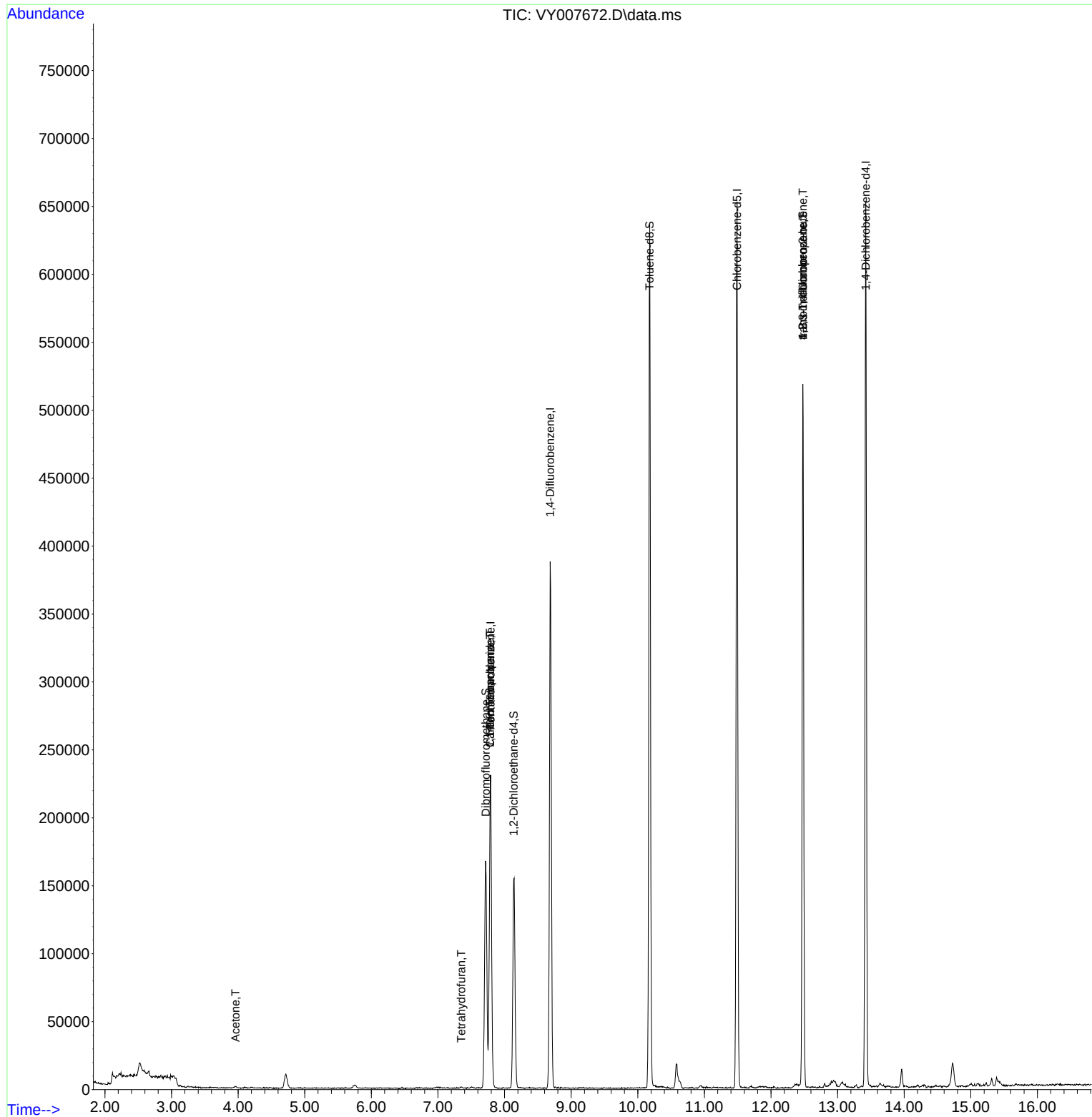
Internal Standards						
1) Pentafluorobenzene	7.789	168	179822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	346320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	122250	64.938	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.880%	
35) Dibromofluoromethane	7.716	113	116394	54.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.179	98	415700	53.234	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.460%	
62) 4-Bromofluorobenzene	12.477	95	142168	56.479	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 112.960%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	176	Below Cal	#	43
3) Chloromethane	2.113	50	2984	Below Cal		98
13) Acrolein	3.735	56	41	Below Cal	#	20
16) Acetone	3.960	43	2014	5.259	ug/l	92
17) Carbon Disulfide	4.180	76	79	Below Cal	#	75
18) Methyl Acetate	4.485	43	789	Below Cal	#	62
29) Tetrahydrofuran	7.350	42	472	1.074	ug/l	# 67
31) Cyclohexane	7.789	56	4002	Below Cal	#	8
36) 1,1-Dichloropropene	7.783	75	13595	4.074	ug/l	# 51
38) Carbon Tetrachloride	7.783	117	17025	4.783	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	79916	44.755	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	79916	91.497	ug/l	# 8

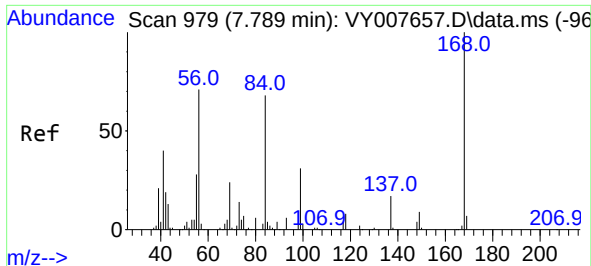
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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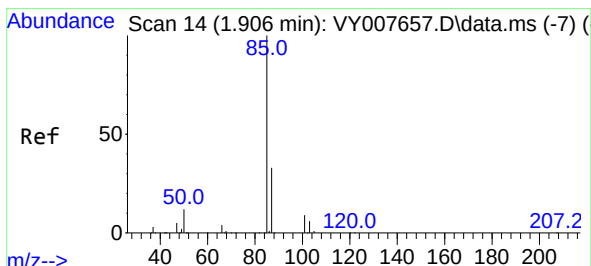
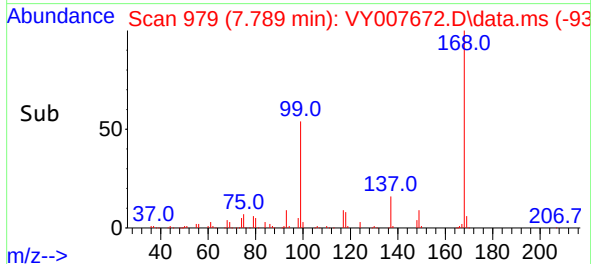
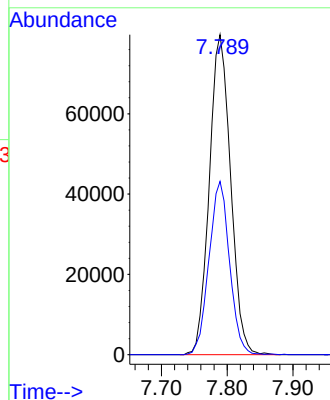
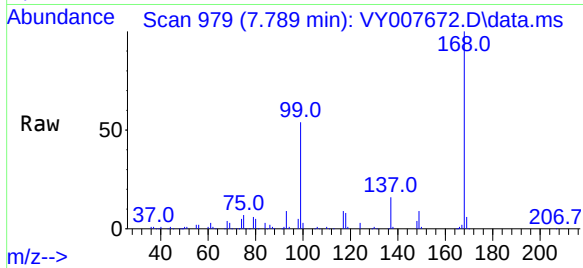




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

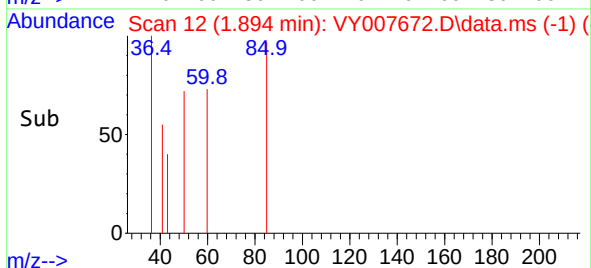
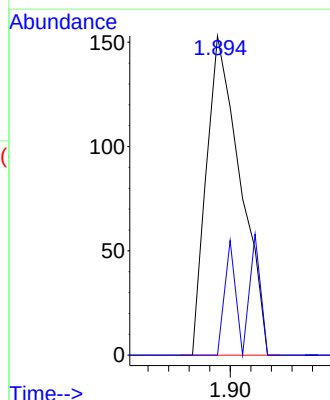
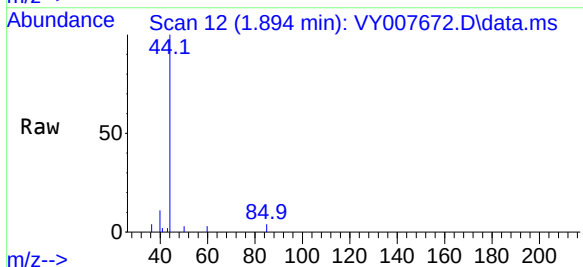
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 179822
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3

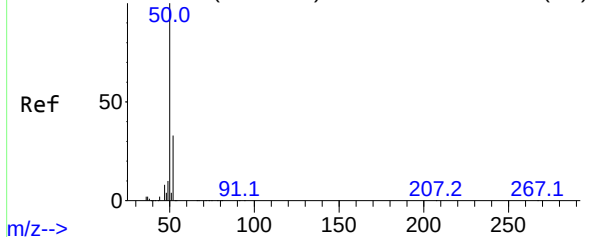


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Tgt Ion: 85 Resp: 176
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



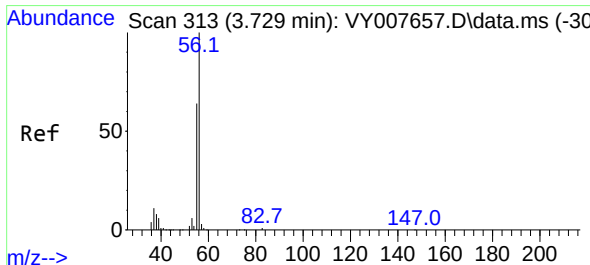
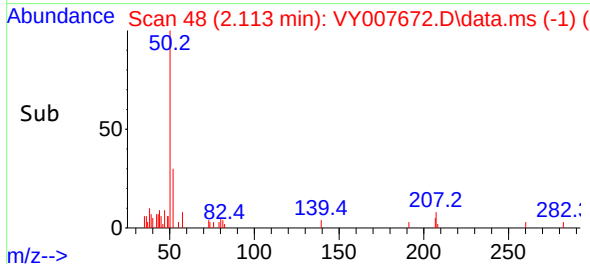
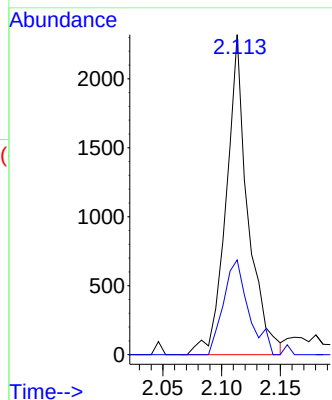
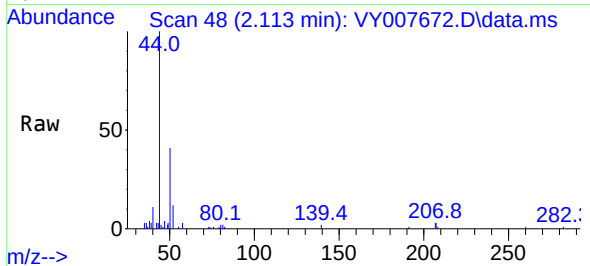
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

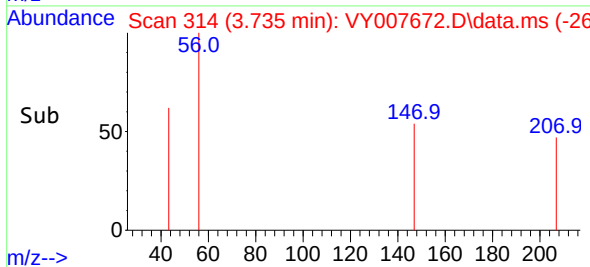
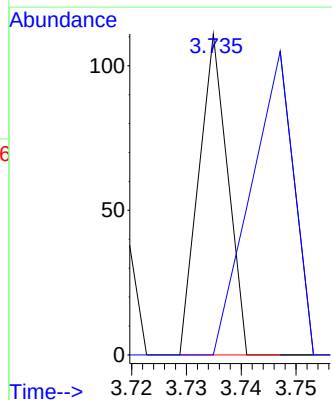
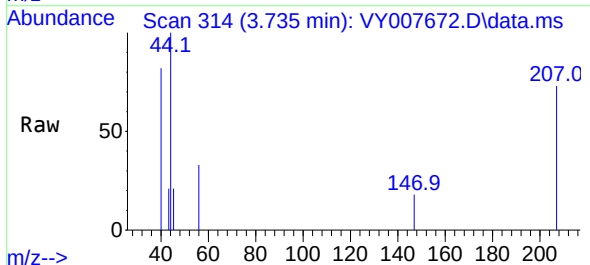
Instrument :
MSVOA_Y
ClientSampleId :

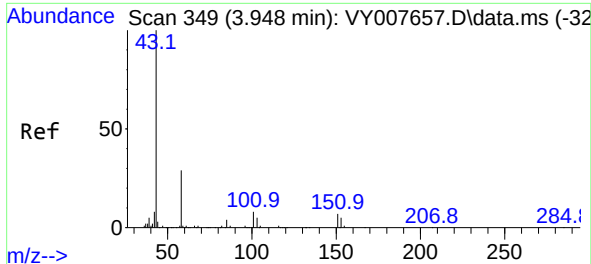
Tgt Ion: 50 Resp: 2984
Ion Ratio Lower Upper
50 100
52 29.6 24.6 37.0



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 139.0 57.6 86.4#





#16

Acetone

Concen: 5.259 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY007672.D

Acq: 01 Mar 2022 16:59

Instrument :

MSVOA_Y

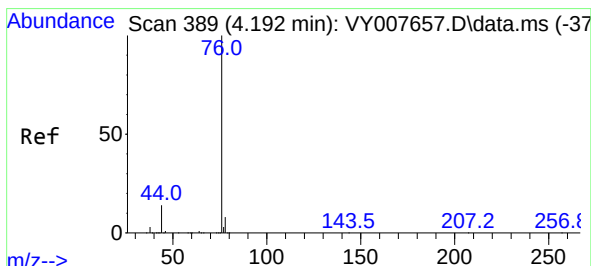
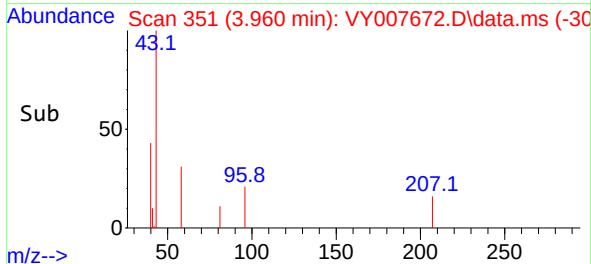
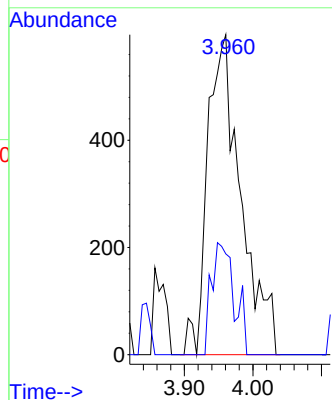
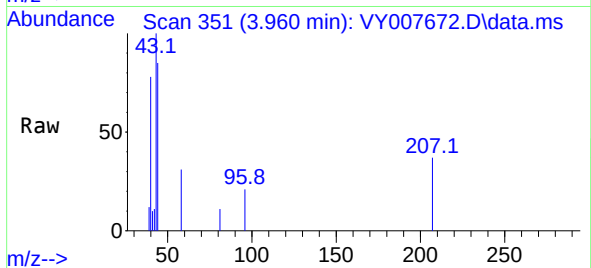
ClientSampleId :

Tgt Ion: 43 Resp: 2014

Ion Ratio Lower Upper

43 100

58 31.5 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.180 min Scan# 387

Delta R.T. -0.012 min

Lab File: VY007672.D

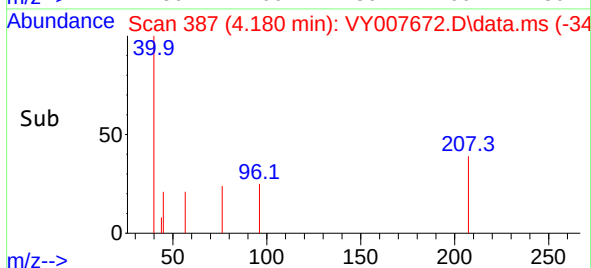
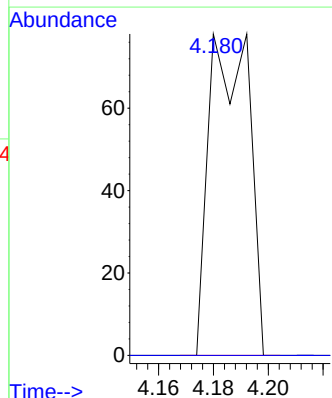
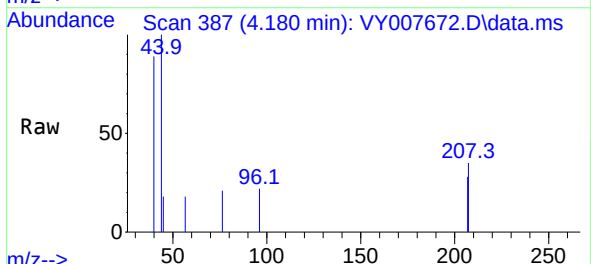
Acq: 01 Mar 2022 16:59

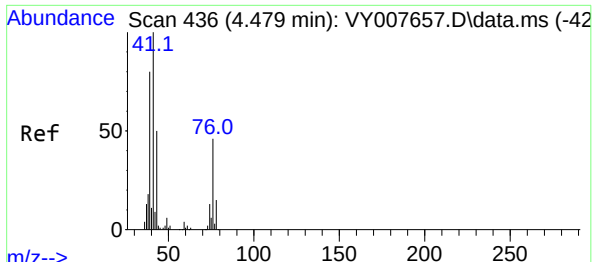
Tgt Ion: 76 Resp: 79

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.485 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY007672.D

Acq: 01 Mar 2022 16:59

Instrument :

MSVOA_Y

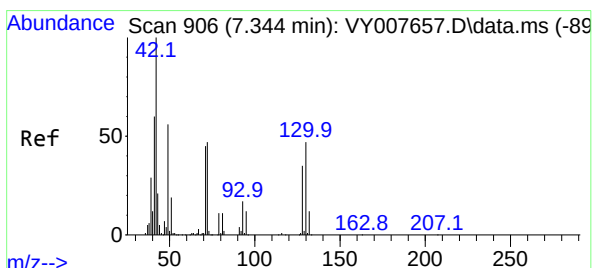
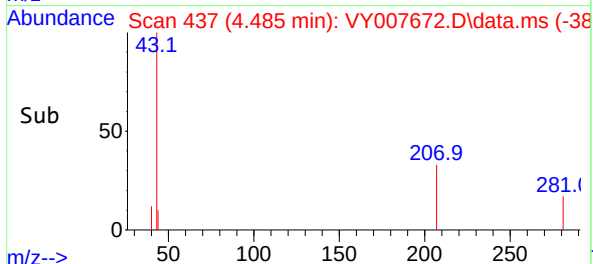
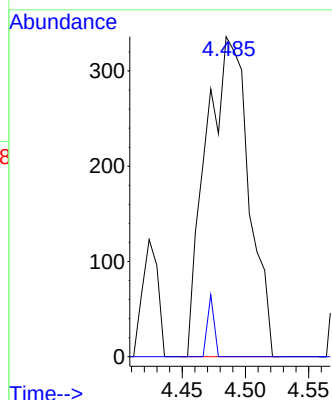
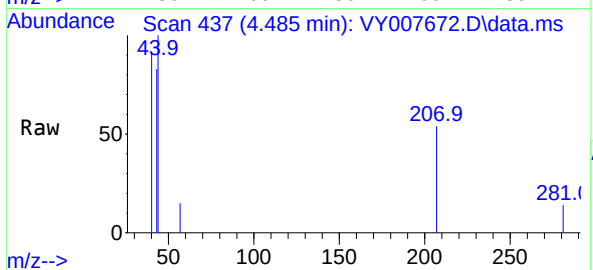
ClientSampleId :

Tgt Ion: 43 Resp: 789

Ion Ratio Lower Upper

43 100

74 3.0 16.6 24.8#



#29

Tetrahydrofuran

Concen: 1.074 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY007672.D

Acq: 01 Mar 2022 16:59

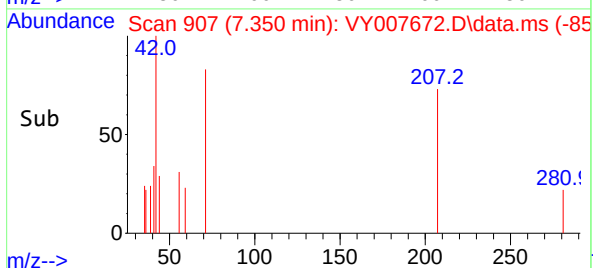
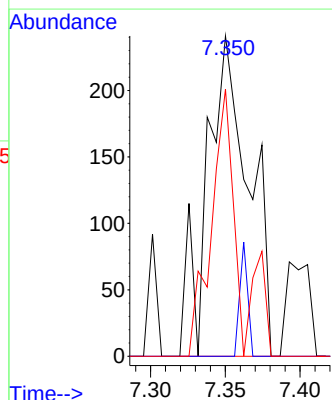
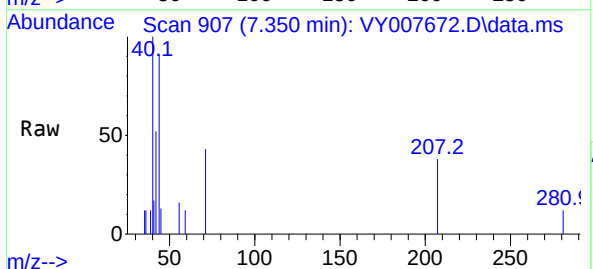
Tgt Ion: 42 Resp: 472

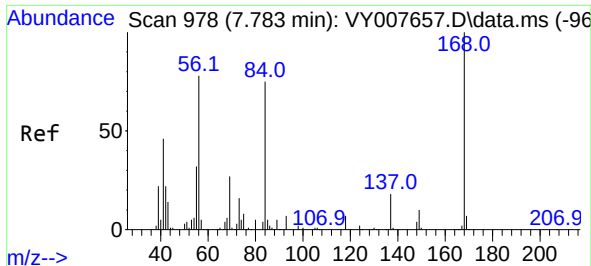
Ion Ratio Lower Upper

42 100

72 6.6 30.3 45.5#

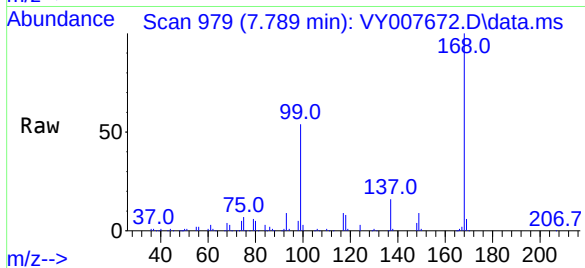
71 43.4 29.0 43.4



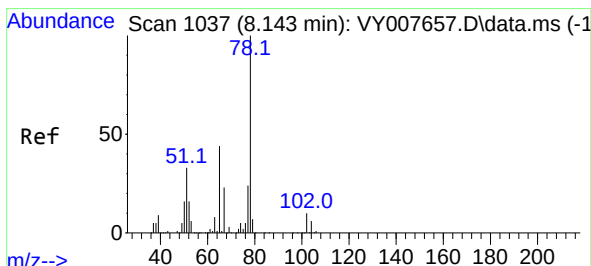
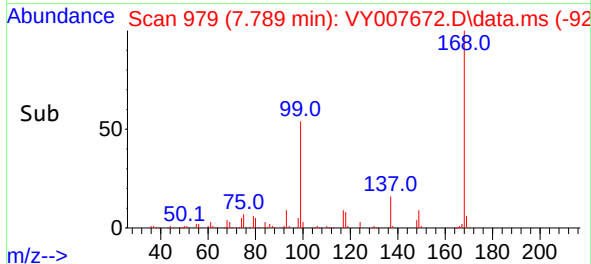
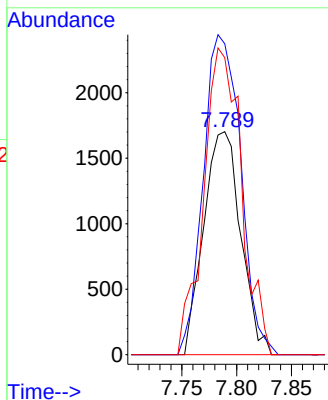


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :

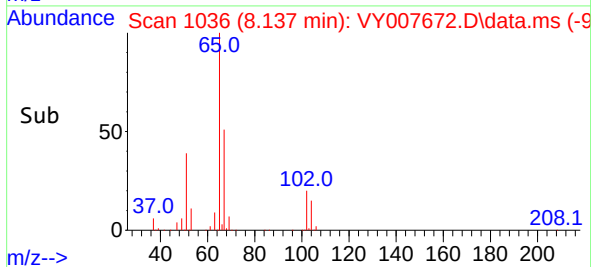
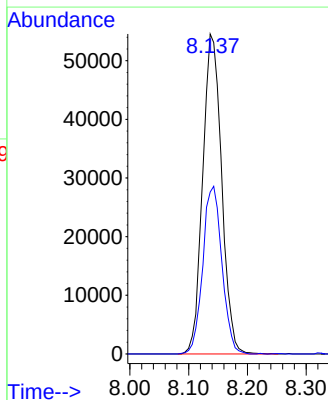
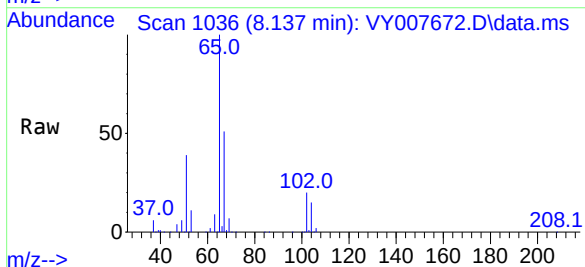


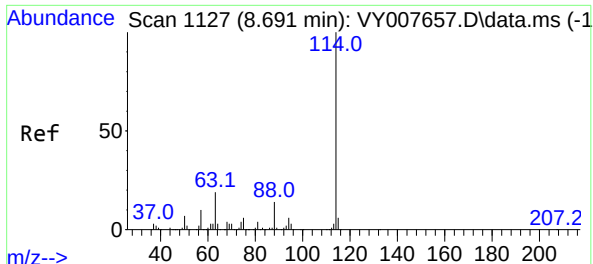
Tgt Ion: 56 Resp: 4002
Ion Ratio Lower Upper
56 100
69 139.4 26.7 40.1#
84 133.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 64.938 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Tgt Ion: 65 Resp: 122250
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY007672.D

Acq: 01 Mar 2022 16:59

Instrument :

MSVOA_Y

ClientSampleId :

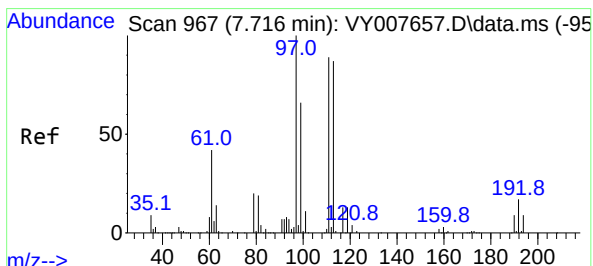
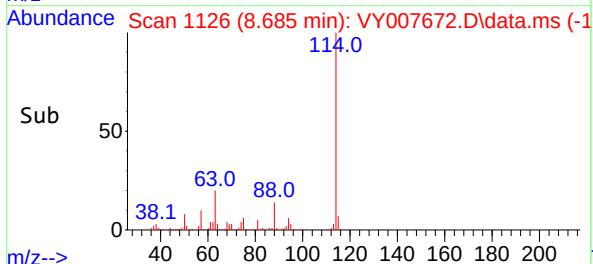
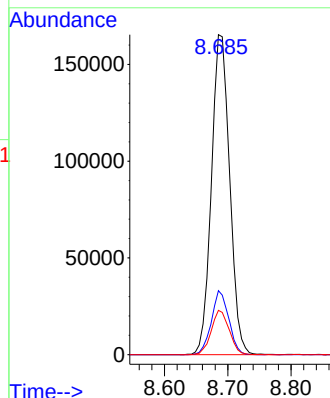
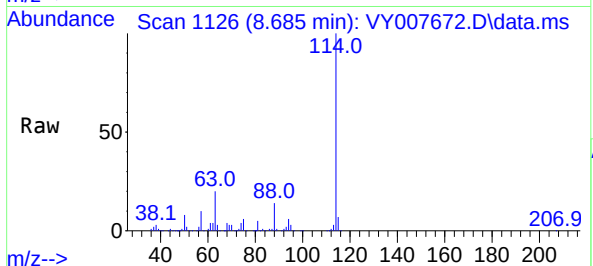
Tgt Ion:114 Resp: 331815

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.867 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007672.D

Acq: 01 Mar 2022 16:59

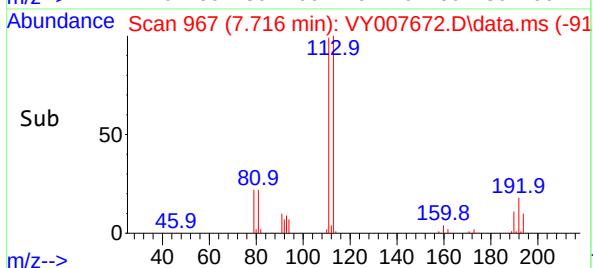
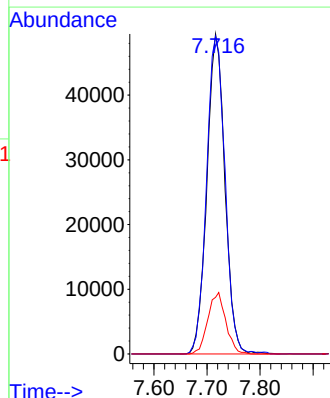
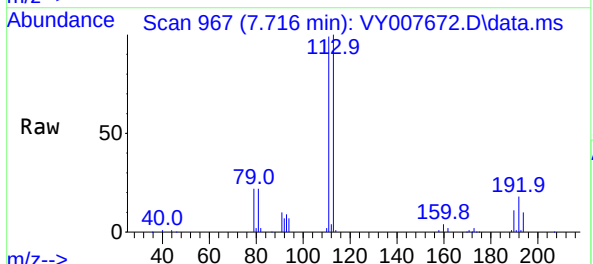
Tgt Ion:113 Resp: 116394

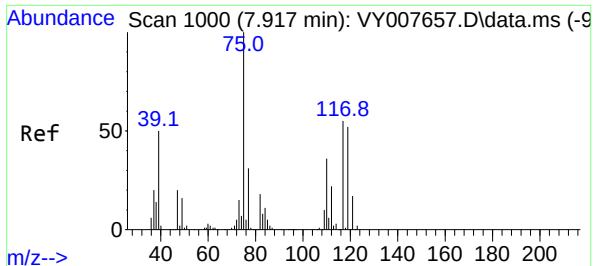
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

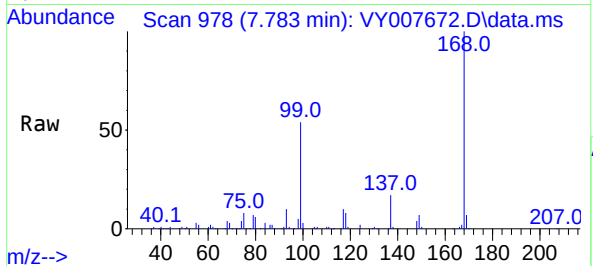
192 19.2 17.6 26.4



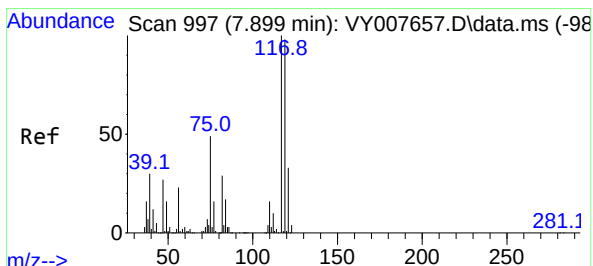
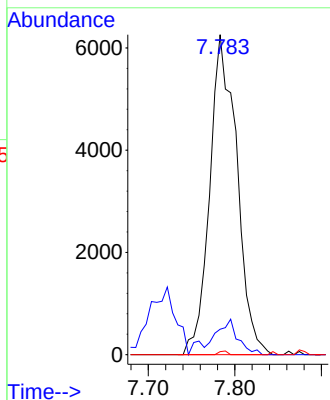
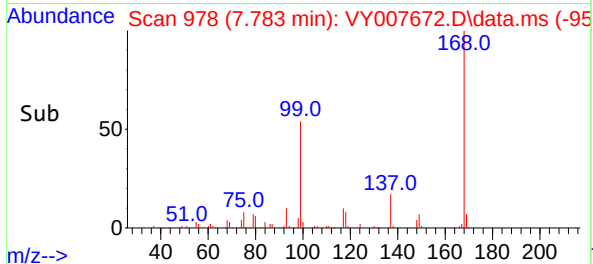


#36
 1,1-Dichloropropene
 Concen: 4.074 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY007672.D
 Acq: 01 Mar 2022 16:59

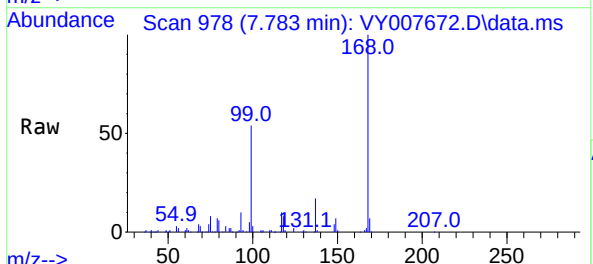
Instrument :
 MSVOA_Y
 ClientSampleId :



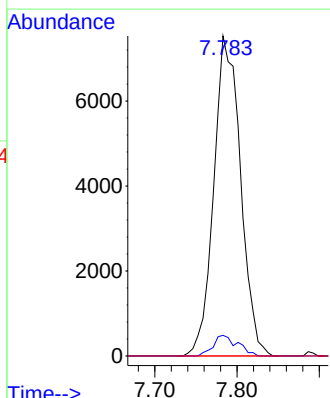
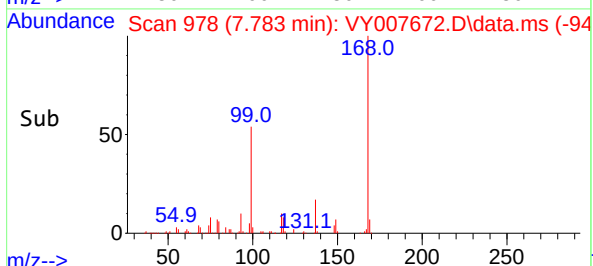
Tgt Ion: 75 Resp: 13595
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.1 51.2#
 77 0.4 24.4 36.6#

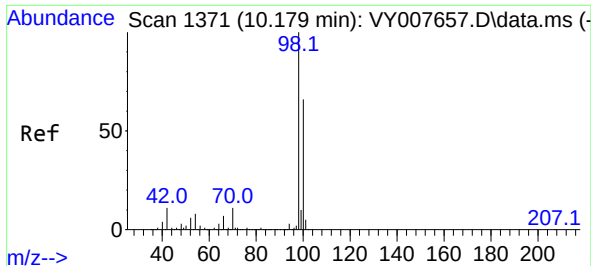


#38
 Carbon Tetrachloride
 Concen: 4.783 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY007672.D
 Acq: 01 Mar 2022 16:59



Tgt Ion: 117 Resp: 17025
 Ion Ratio Lower Upper
 117 100
 119 6.4 77.9 116.9#
 121 0.0 24.8 37.2#

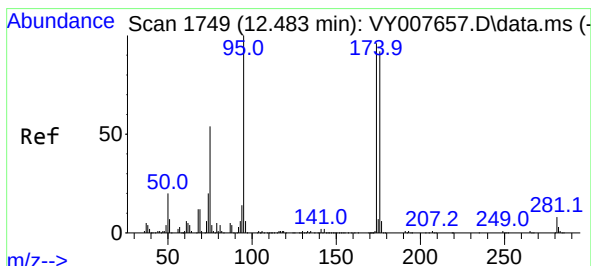
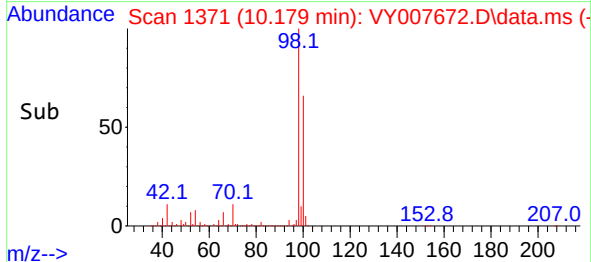
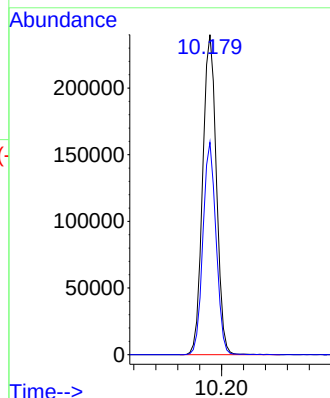
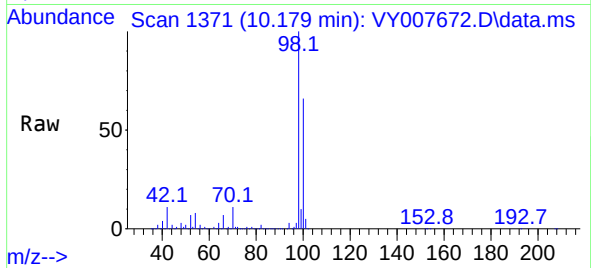




#50
Toluene-d8
Concen: 53.234 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

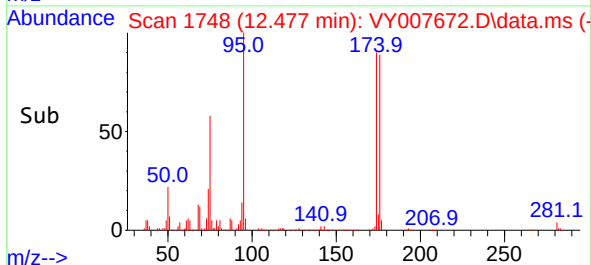
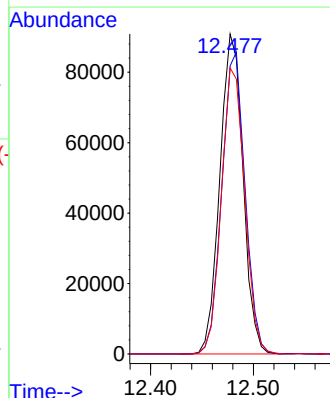
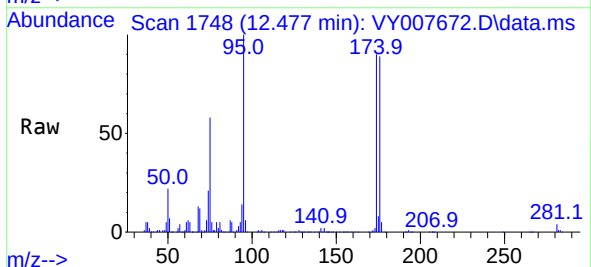
Instrument :
MSVOA_Y
ClientSampleId :

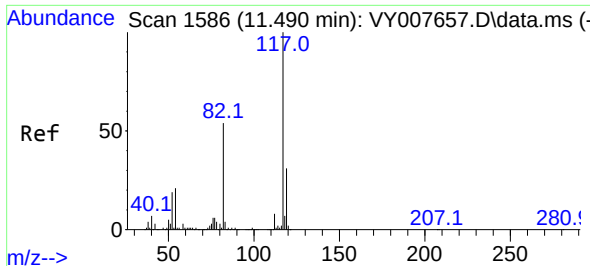
Tgt Ion: 98 Resp: 415700
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 56.479 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Tgt Ion: 95 Resp: 142168
Ion Ratio Lower Upper
95 100
174 94.2 0.0 177.0
176 90.1 0.0 175.8

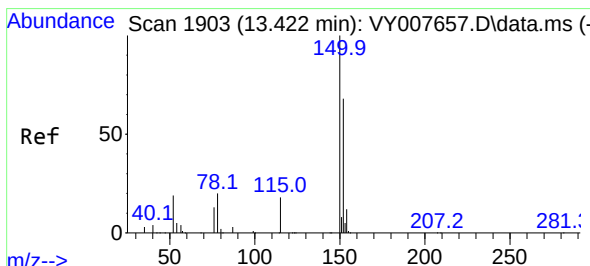
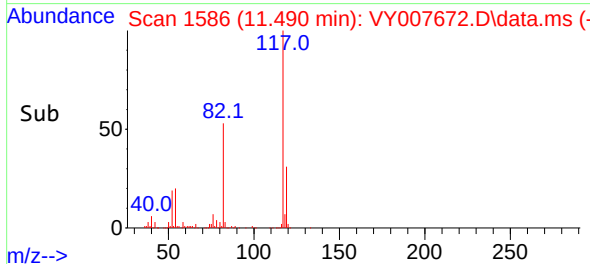
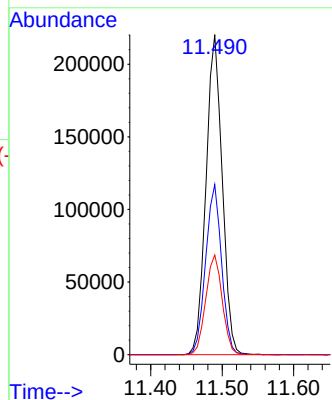
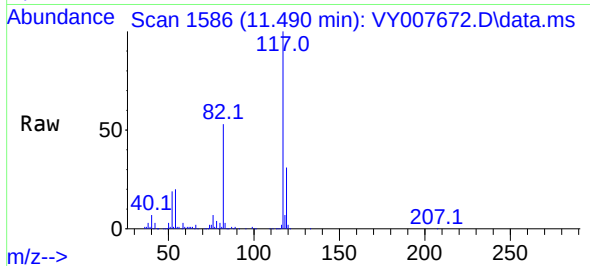




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

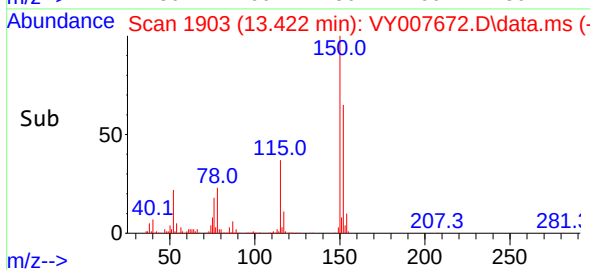
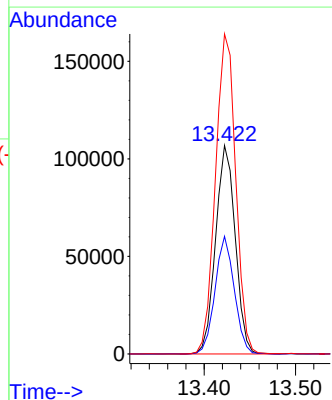
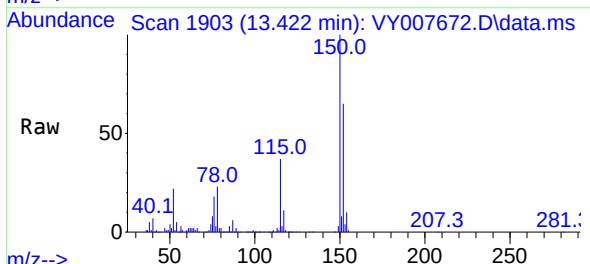
Instrument :
MSVOA_Y
ClientSampleId :

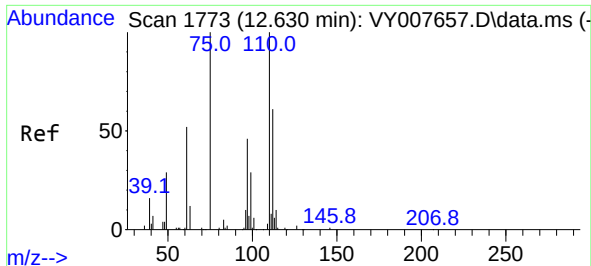
Tgt Ion:117 Resp: 346320
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Tgt Ion:152 Resp: 159892
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 158.1 0.0 347.6

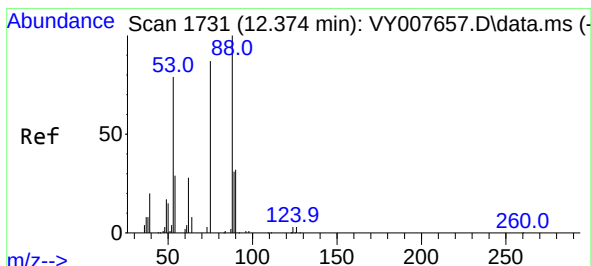
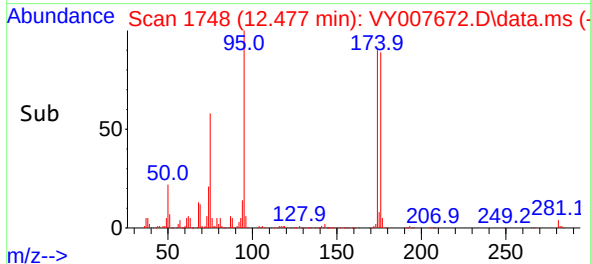
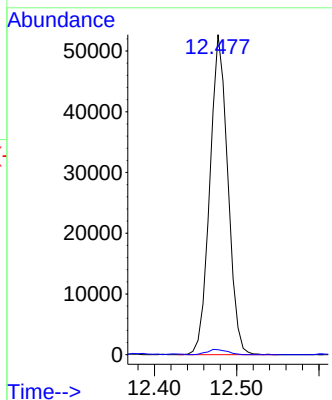
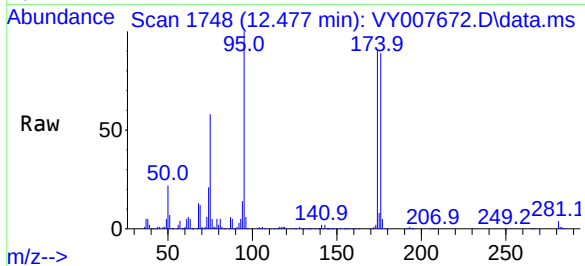




#76
1,2,3-Trichloropropane
Concen: 44.755 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 79916
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.497 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY007672.D
Acq: 01 Mar 2022 16:59

Tgt Ion: 75 Resp: 79916
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.4 37.0 55.4#

