

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
 Data File : VY007674.D
 Acq On : 01 Mar 2022 17:46
 Operator : SY/MD
 Sample : N1722-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 02 07:52:14 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)

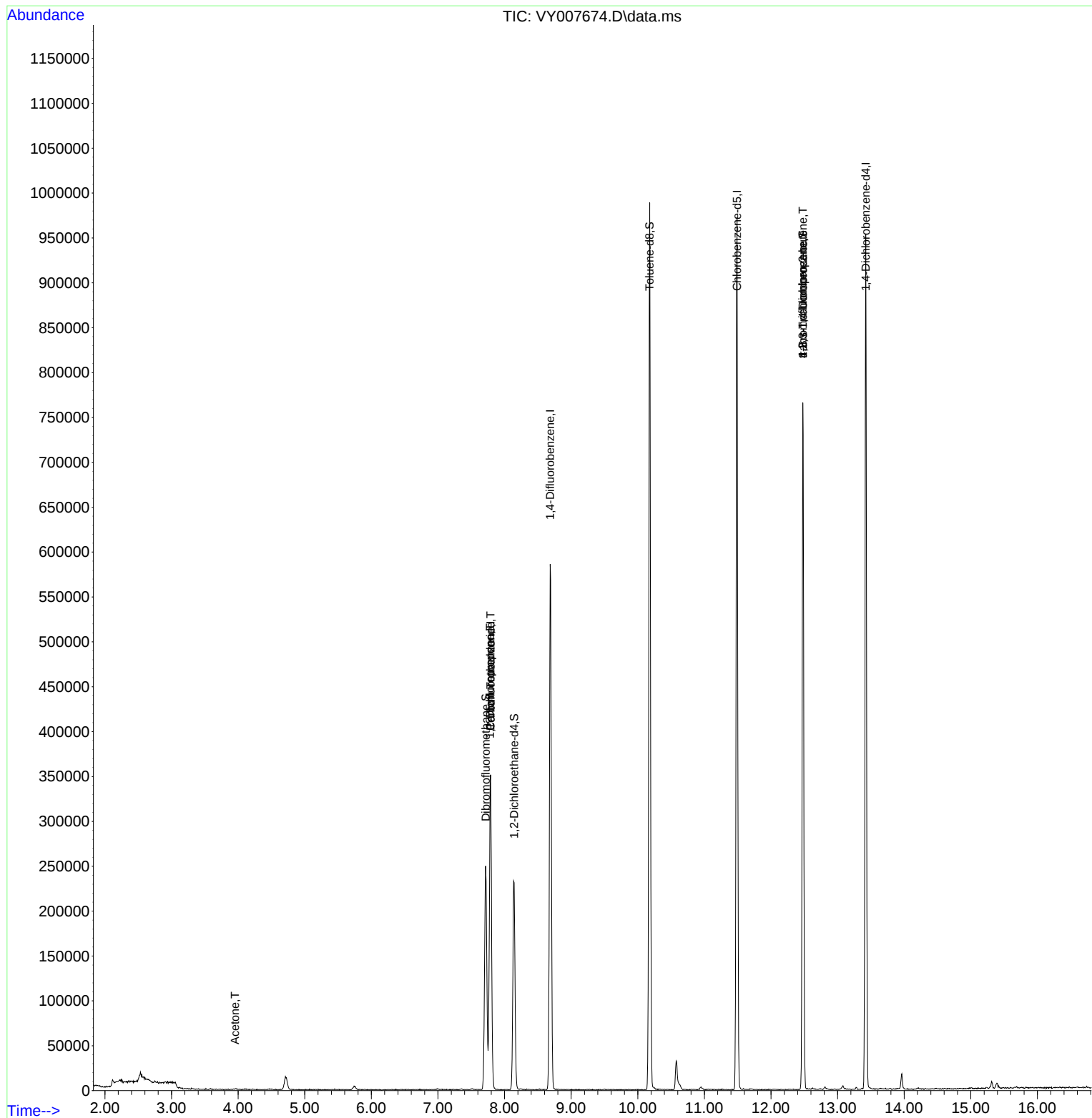
Internal Standards						
1) Pentafluorobenzene	7.789	168	274235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	500281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	512531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	231524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	180113	62.736	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.480%	
35) Dibromofluoromethane	7.716	113	171126	53.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.179	98	636623	54.072	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	12.477	95	208968	55.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.120%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	541	Below Cal		93
3) Chloromethane	2.113	50	3143	Below Cal		89
13) Acrolein	3.741	56	41	Below Cal	#	1
16) Acetone	3.954	43	2201	3.769	ug/l #	85
17) Carbon Disulfide	4.186	76	22	Below Cal	#	75
18) Methyl Acetate	4.473	43	1151	Below Cal		95
20) Methylene Chloride	4.710	84	10859	Below Cal		82
31) Cyclohexane	7.783	56	6040	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	21152	4.204	ug/l #	44
38) Carbon Tetrachloride	7.789	117	26676	4.970	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	118123	45.685	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	118123	93.398	ug/l #	7

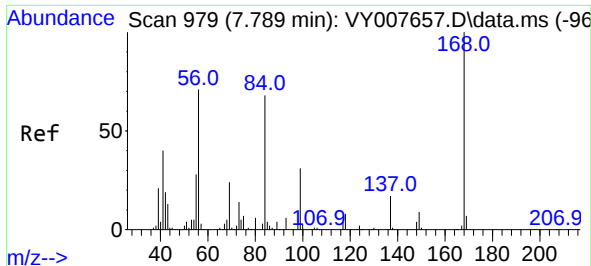
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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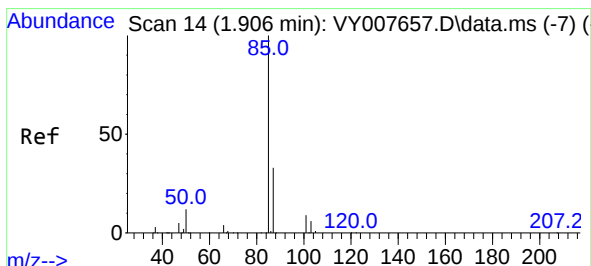
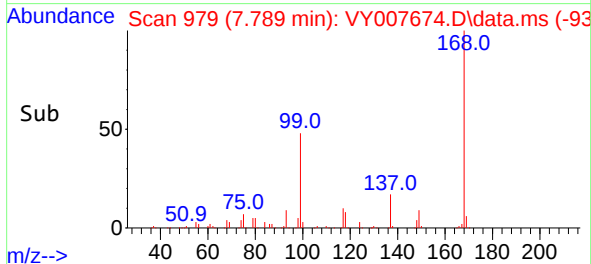
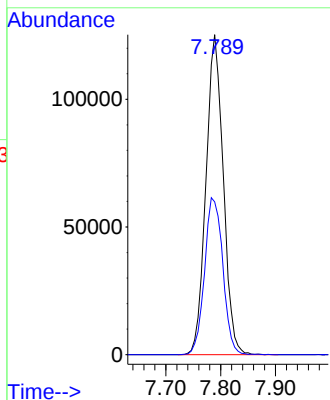
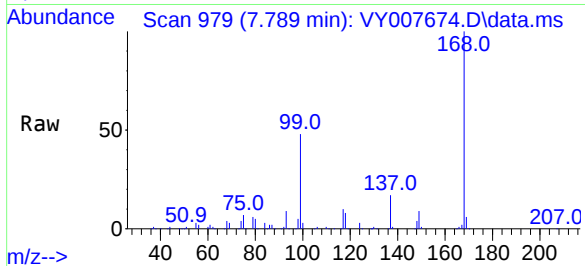




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

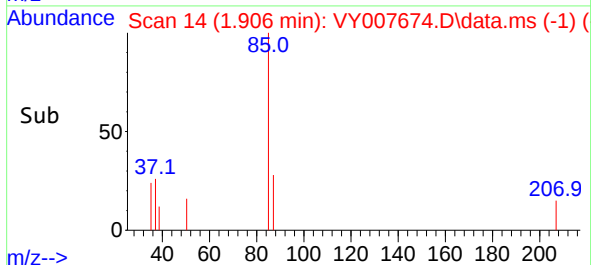
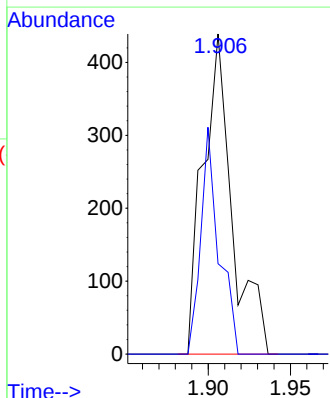
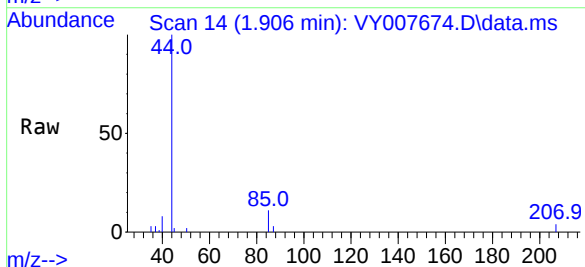
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 274235
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3

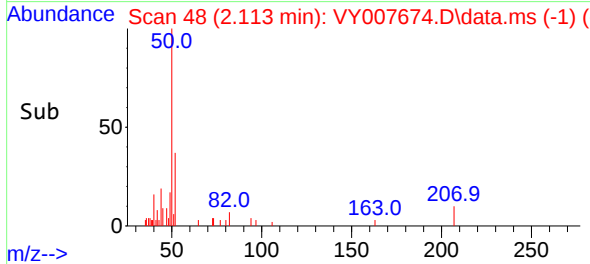
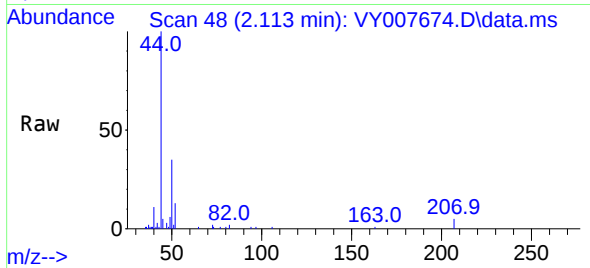
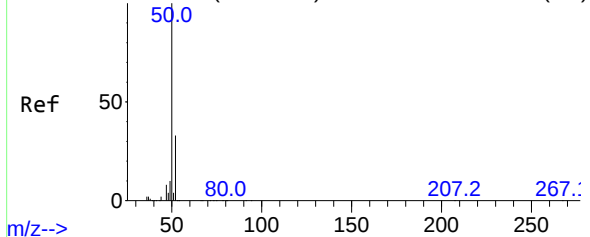


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

Tgt Ion: 85 Resp: 541
Ion Ratio Lower Upper
85 100
87 28.2 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: VY007674.D

Acq: 01 Mar 2022 17:46

Instrument :

MSVOA_Y

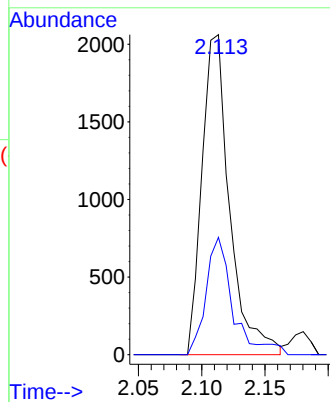
ClientSampleId :

Tgt Ion: 50 Resp: 3143

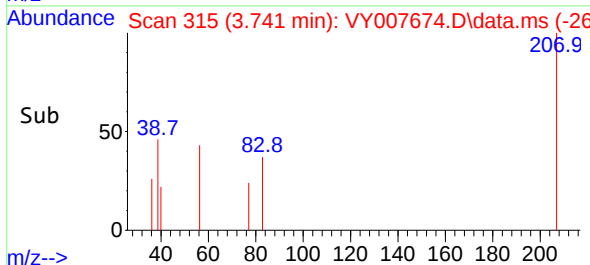
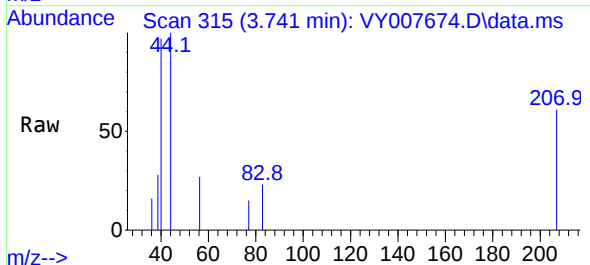
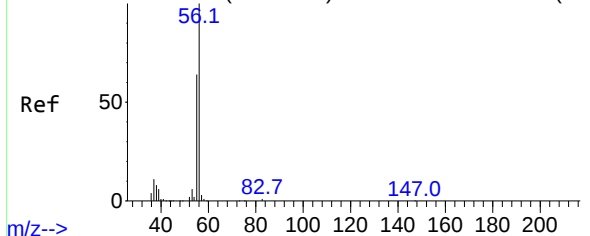
Ion Ratio Lower Upper

50 100

52 36.7 24.6 37.0



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.741 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY007674.D

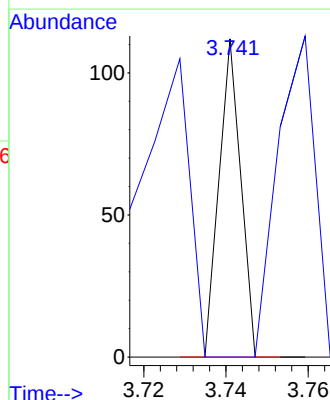
Acq: 01 Mar 2022 17:46

Tgt Ion: 56 Resp: 41

Ion Ratio Lower Upper

56 100

55 207.3 57.6 86.4#

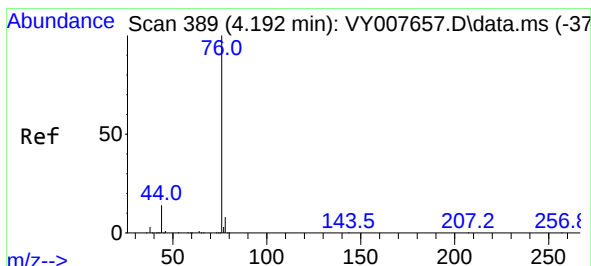
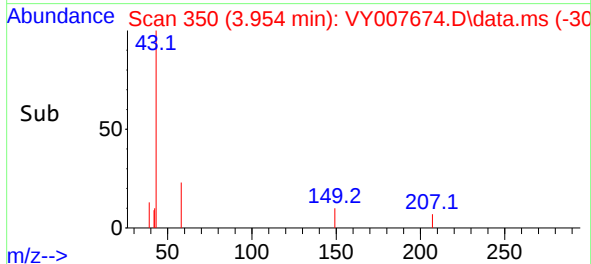
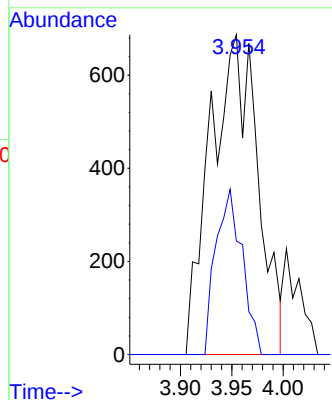
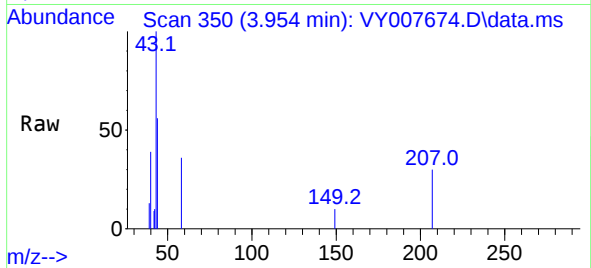




#16
Acetone
Concen: 3.769 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

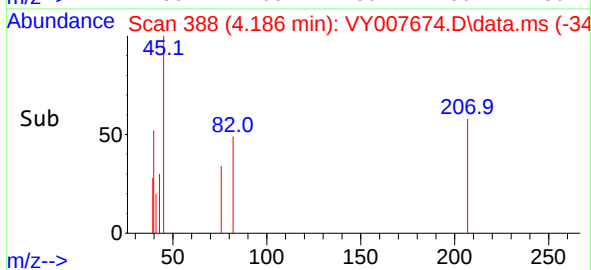
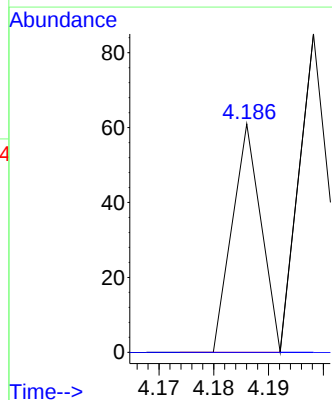
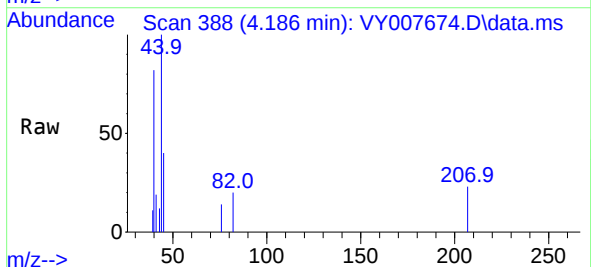
Instrument :
MSVOA_Y
ClientSampleId :

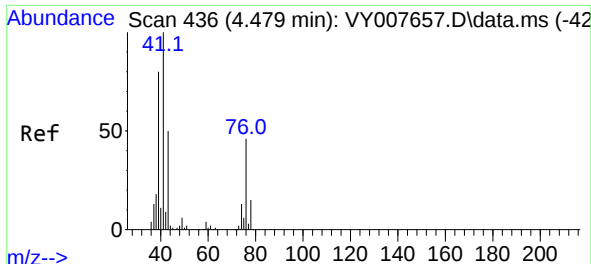
Tgt Ion: 43 Resp: 2201
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.473 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007674.D

Acq: 01 Mar 2022 17:46

Instrument :

MSVOA_Y

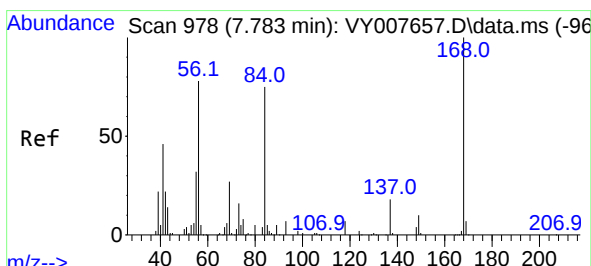
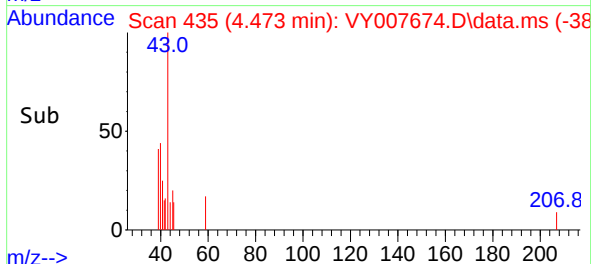
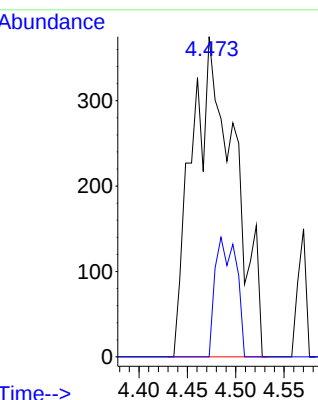
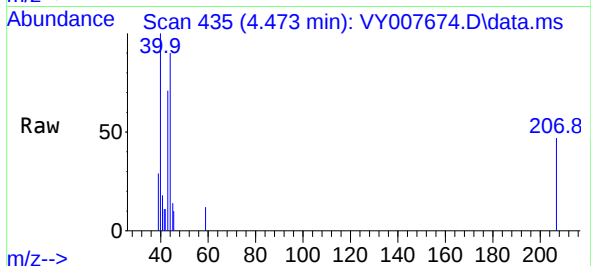
ClientSampleId :

Tgt Ion: 43 Resp: 1151

Ion Ratio Lower Upper

43 100

74 18.3 16.6 24.8



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY007674.D

Acq: 01 Mar 2022 17:46

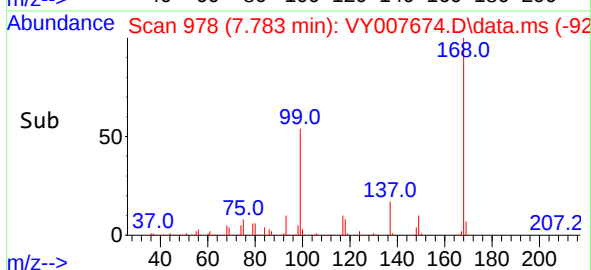
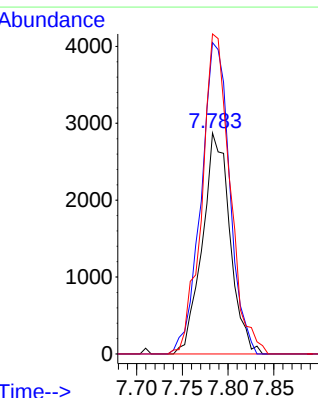
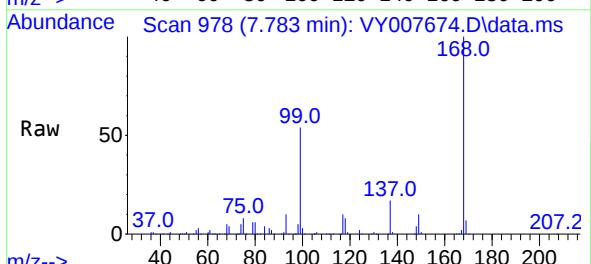
Tgt Ion: 56 Resp: 6040

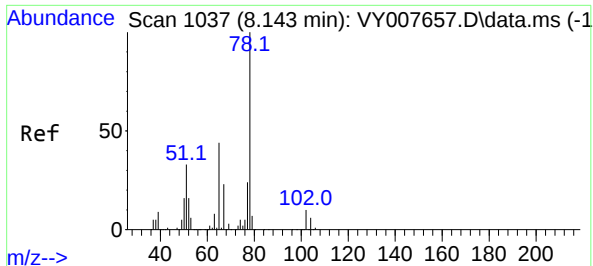
Ion Ratio Lower Upper

56 100

69 140.9 26.7 40.1#

84 144.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.736 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY007674.D

Acq: 01 Mar 2022 17:46

Instrument :

MSVOA_Y

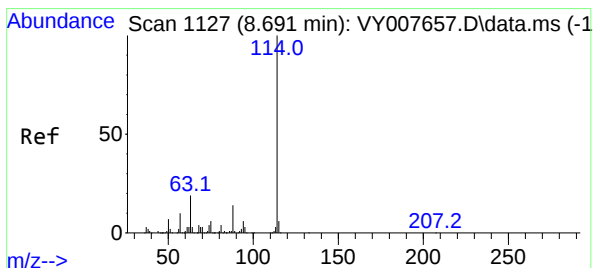
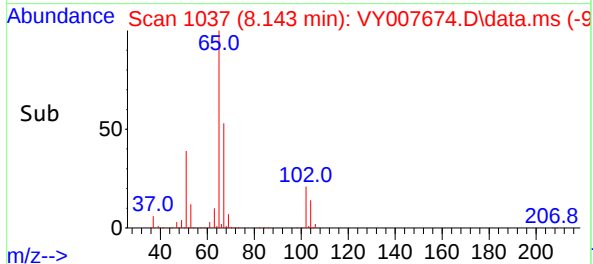
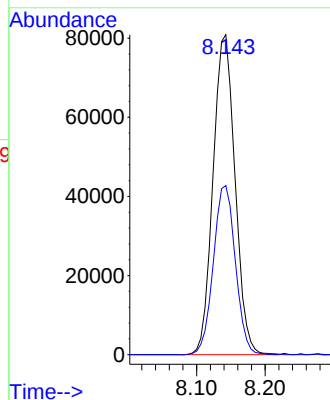
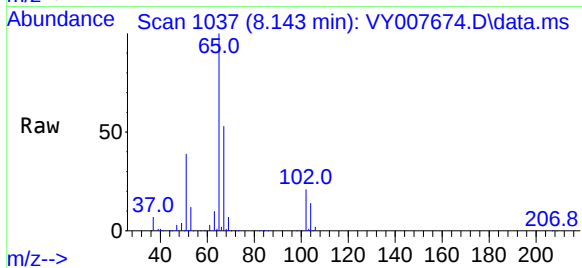
ClientSampleId :

Tgt Ion: 65 Resp: 180113

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# 1126

Delta R.T. -0.006 min

Lab File: VY007674.D

Acq: 01 Mar 2022 17:46

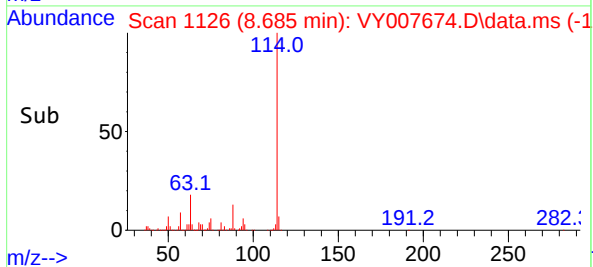
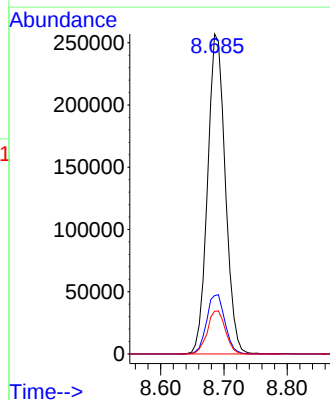
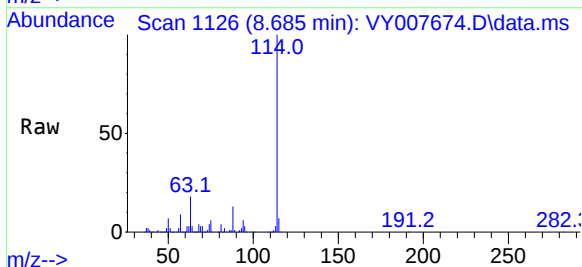
Tgt Ion:114 Resp: 500281

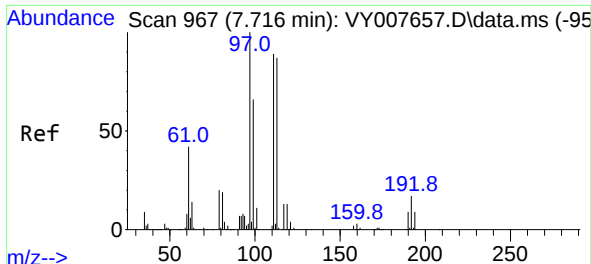
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.503 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY007674.D

Acq: 01 Mar 2022 17:46

Instrument :

MSVOA_Y

ClientSampleId :

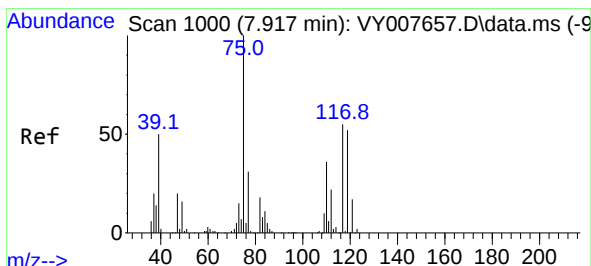
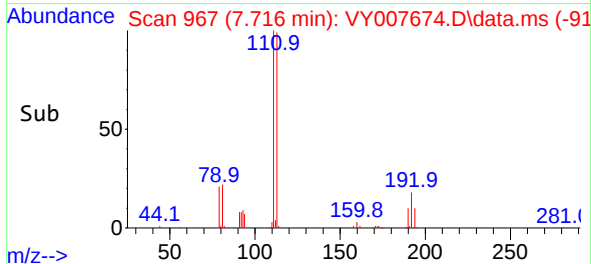
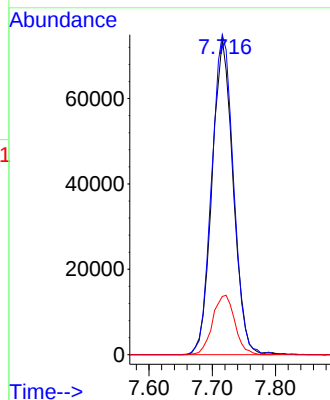
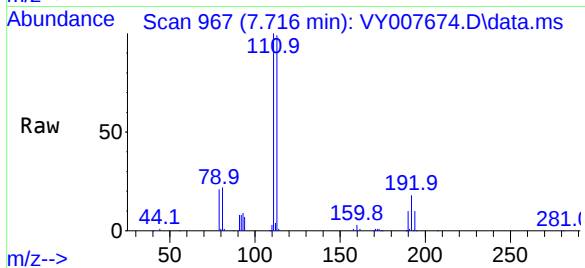
Tgt Ion:113 Resp: 171126

Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.8 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.204 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY007674.D

Acq: 01 Mar 2022 17:46

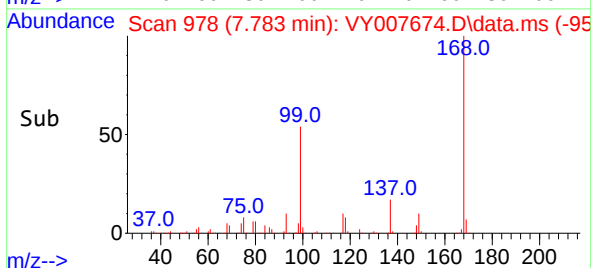
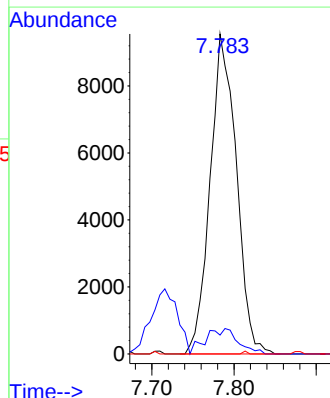
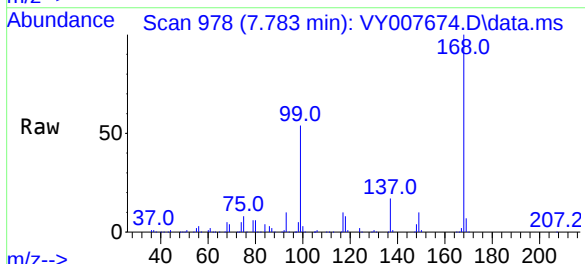
Tgt Ion: 75 Resp: 21152

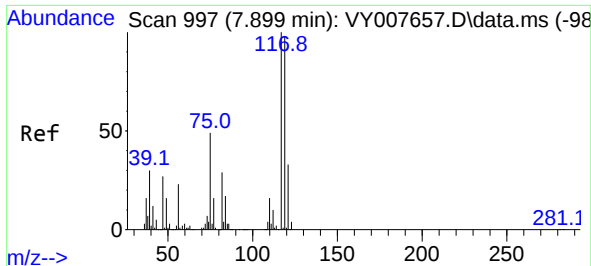
Ion Ratio Lower Upper

75 100

110 1.7 17.1 51.2#

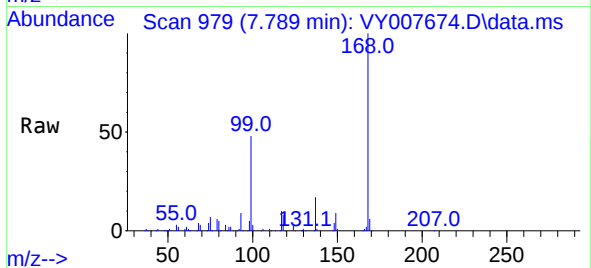
77 0.0 24.4 36.6#



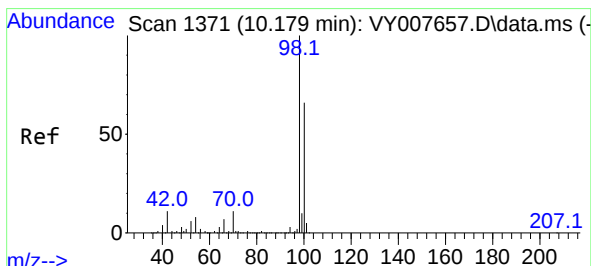
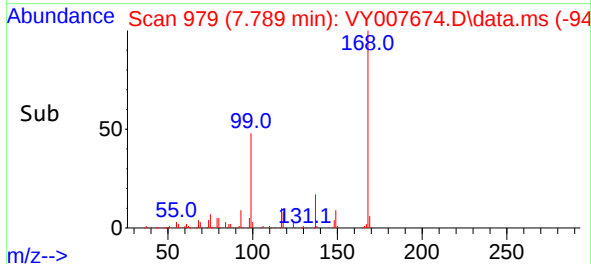
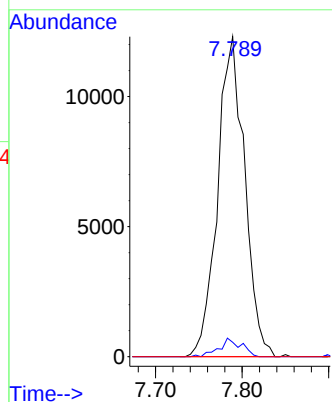


#38
Carbon Tetrachloride
Concen: 4.970 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

Instrument :
MSVOA_Y
ClientSampleId :

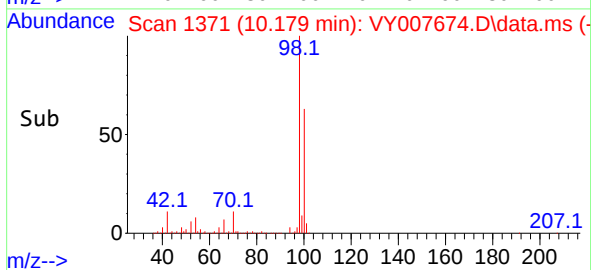
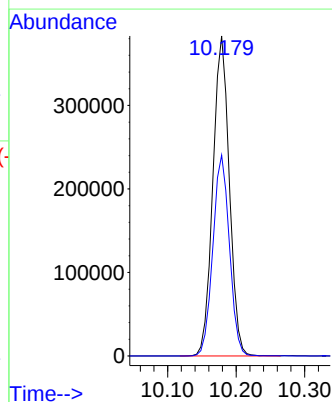
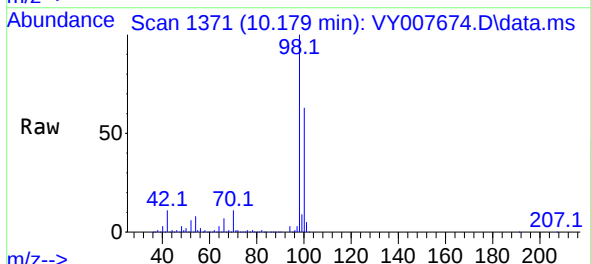


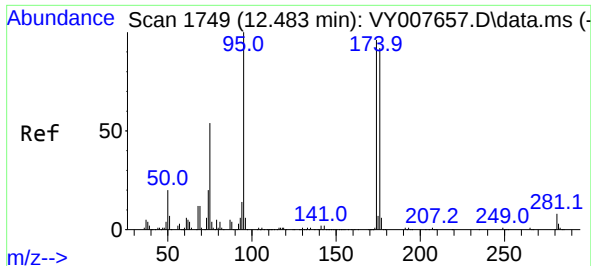
Tgt Ion:117 Resp: 26676
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.072 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

Tgt Ion: 98 Resp: 636623
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

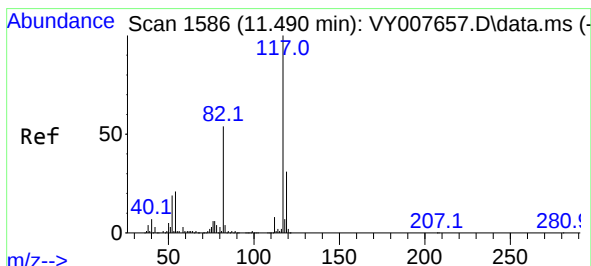
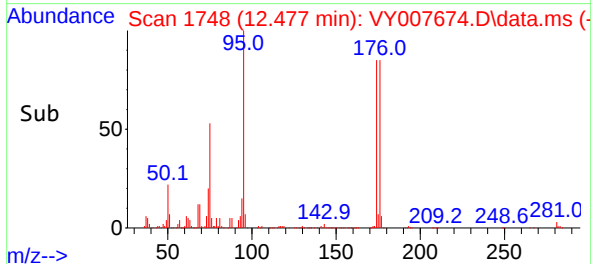
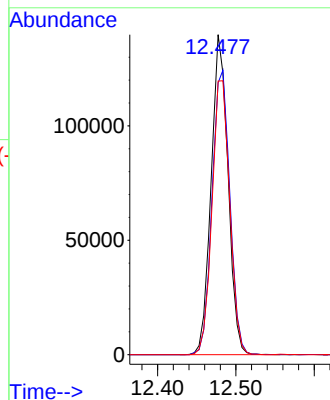
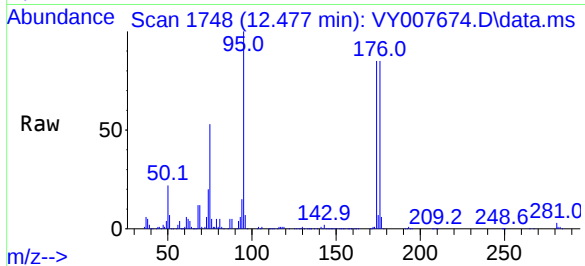




#62
4-Bromofluorobenzene
Concen: 55.061 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

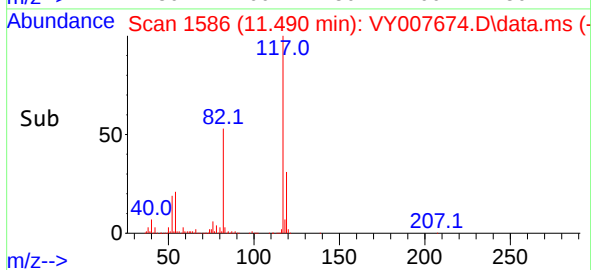
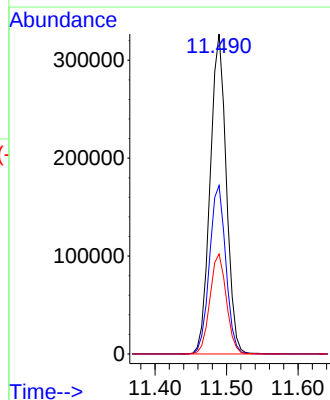
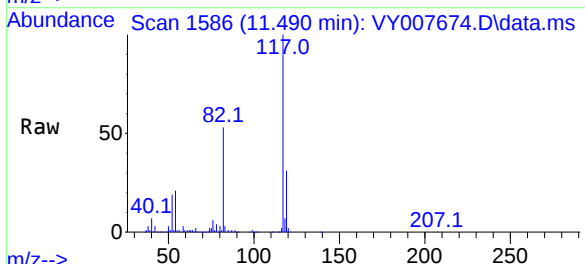
Instrument :
MSVOA_Y
ClientSampleId :

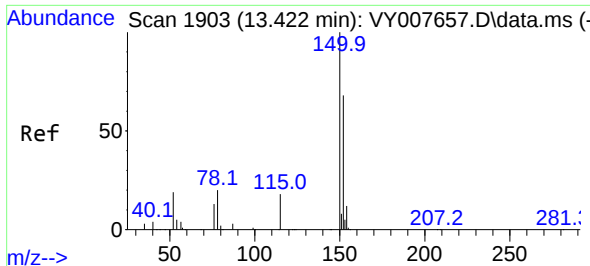
Tgt Ion: 95 Resp: 208968
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 90.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007674.D
Acq: 01 Mar 2022 17:46

Tgt Ion: 117 Resp: 512531
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.3 25.4 38.0

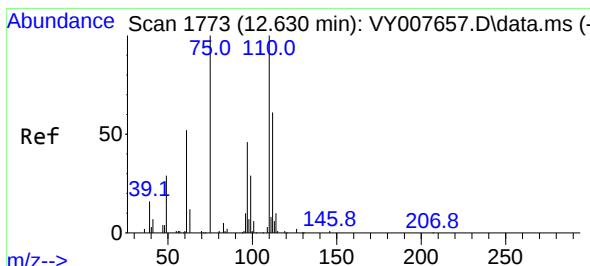
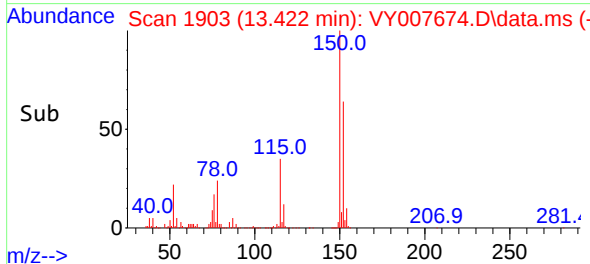
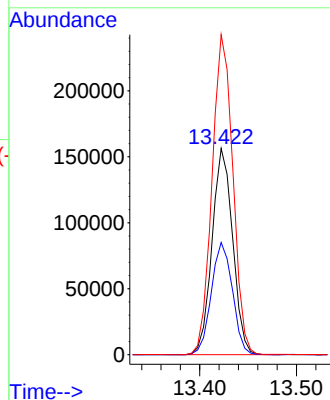
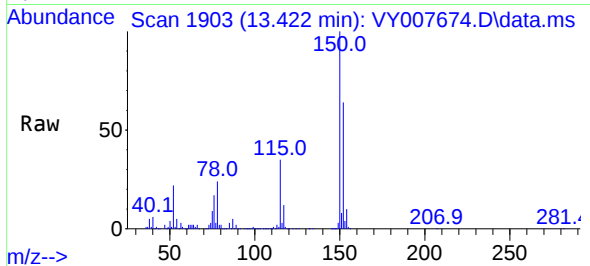




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007674.D
 Acq: 01 Mar 2022 17:46

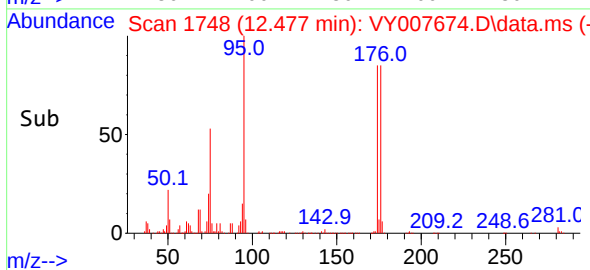
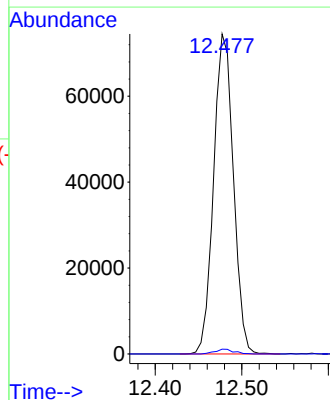
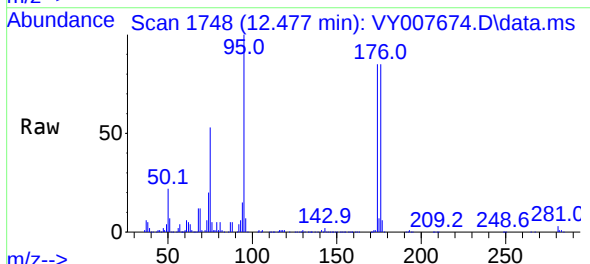
Instrument :
 MSVOA_Y
 ClientSampleId :

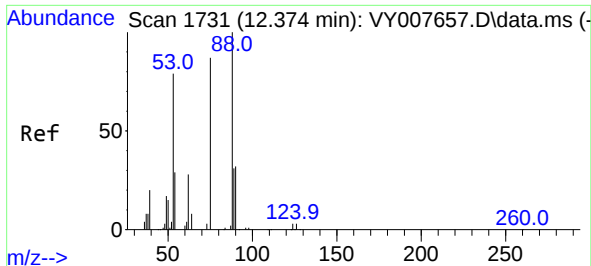
Tgt Ion:152 Resp: 231524
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.685 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007674.D
 Acq: 01 Mar 2022 17:46

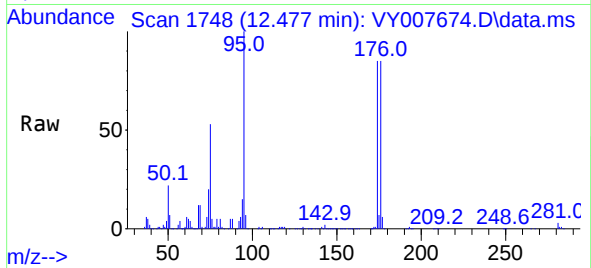
Tgt Ion: 75 Resp: 118123
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.398 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007674.D
 Acq: 01 Mar 2022 17:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 118123
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

