

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007755.D
 Acq On : 04 Mar 2022 20:24
 Operator : SY/MD
 Sample : N1790-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:27:00 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)

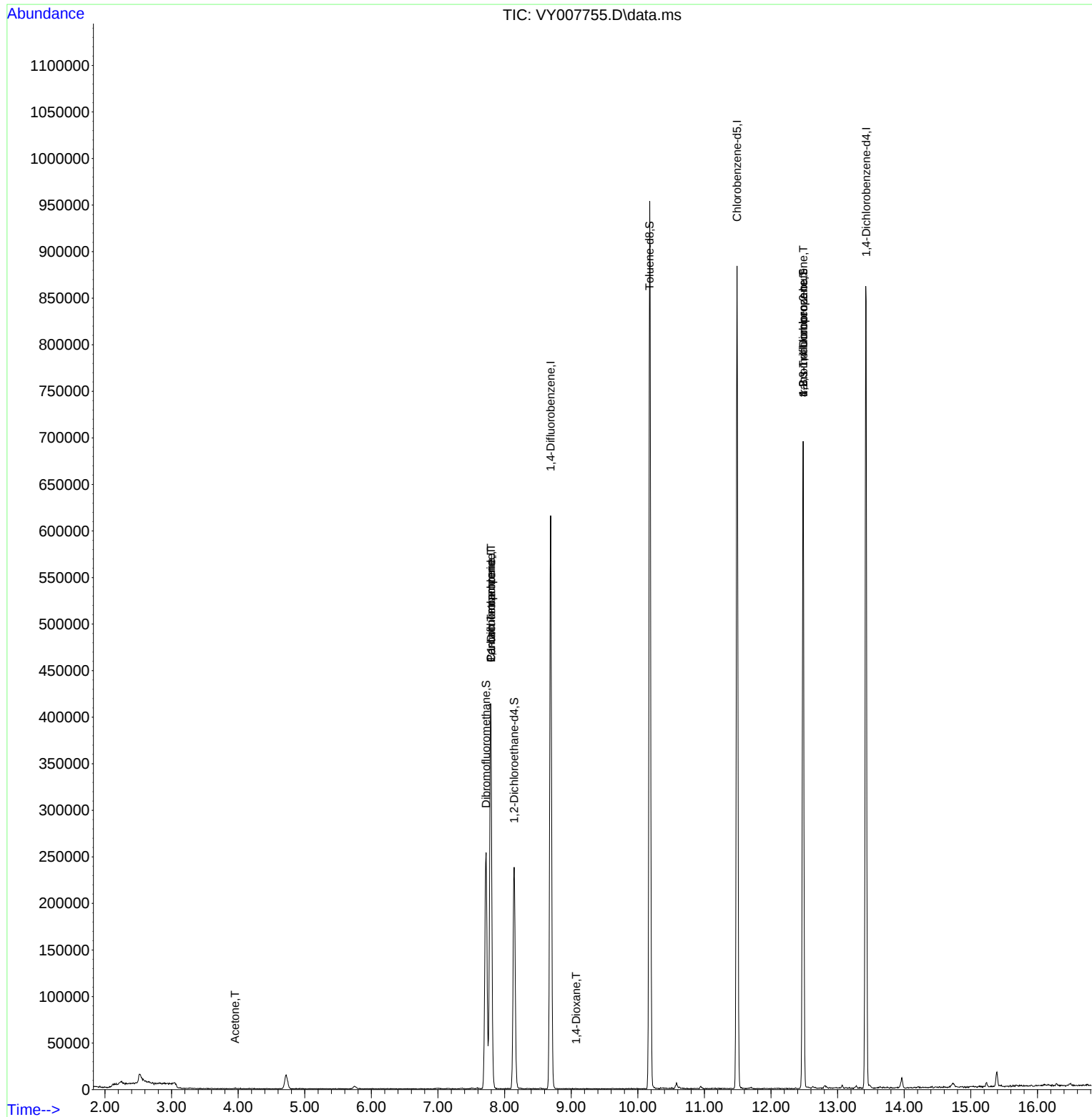
Internal Standards						
1) Pentafluorobenzene	7.795	168	339454	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	526029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	481495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	225294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	181057	50.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.900%	
35) Dibromofluoromethane	7.722	113	175497	52.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.360%	
50) Toluene-d8	10.179	98	640032	51.700	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.483	95	187893	47.085	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.180%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	194	Below Cal	#	43
3) Chloromethane	2.113	50	1102	Below Cal	#	87
13) Acrolein	3.747	56	50	Below Cal	#	14
16) Acetone	3.954	43	909	1.257	ug/l #	86
17) Carbon Disulfide	4.186	76	28	Below Cal	#	75
18) Methyl Acetate	4.418	43	25	Below Cal	#	56
20) Methylene Chloride	4.716	84	11715	Below Cal	#	75
31) Cyclohexane	7.783	56	6781	Below Cal	#	30
36) 1,1-Dichloropropene	7.795	75	24815	4.691	ug/l #	52
38) Carbon Tetrachloride	7.795	117	32552	5.768	ug/l #	14
49) 1,4-Dioxane	9.075	88	30	1.087	ug/l #	29
76) 1,2,3-Trichloropropane	12.483	75	105725	42.021	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	105725	85.907	ug/l #	7

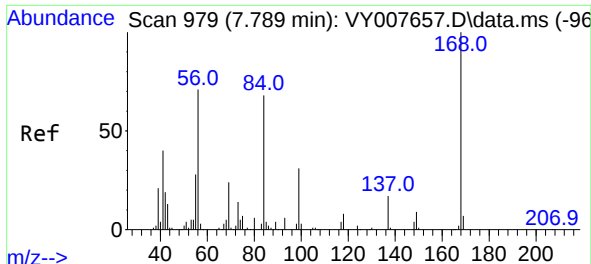
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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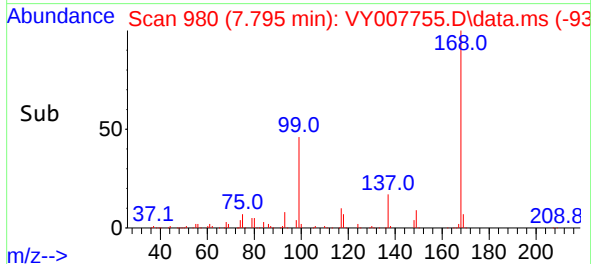
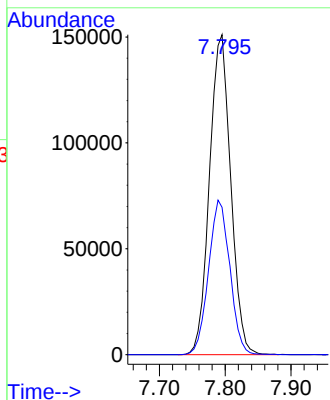
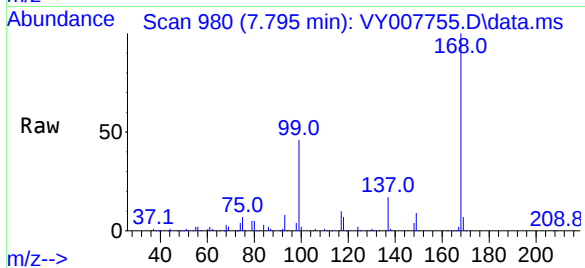




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

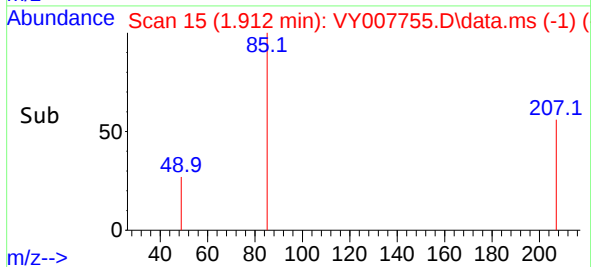
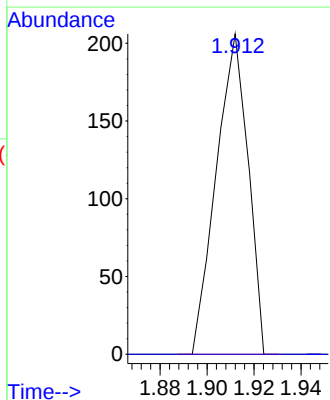
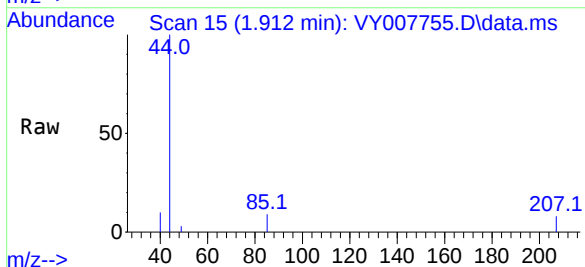
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 339454
Ion Ratio Lower Upper
168 100
99 46.0 46.9 70.3#

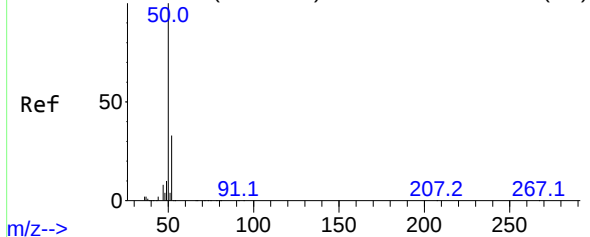


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

Tgt Ion: 85 Resp: 194
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: VY007755.D

Acq: 04 Mar 2022 20:24

Instrument :

MSVOA_Y

ClientSampleId :

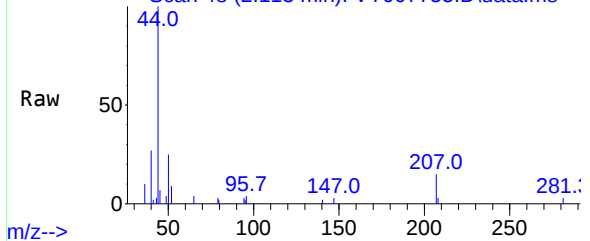
Tgt Ion: 50 Resp: 1102

Ion Ratio Lower Upper

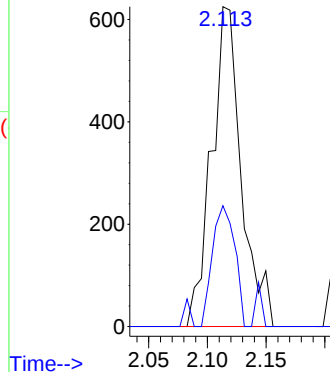
50 100

52 37.8 24.6 37.0#

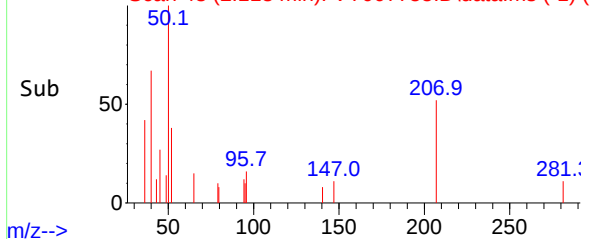
Abundance Scan 48 (2.113 min): VY007755.D\data.ms



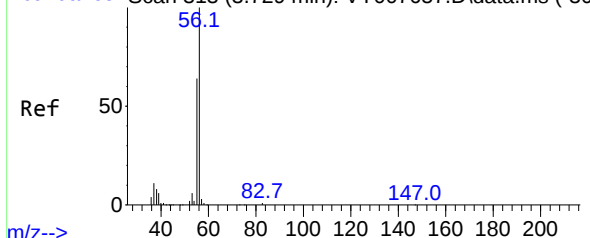
Abundance



Abundance Scan 48 (2.113 min): VY007755.D\data.ms (-1)



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



#13

Acrolein

Concen: Below Cal

RT: 3.747 min Scan# 316

Delta R.T. 0.018 min

Lab File: VY007755.D

Acq: 04 Mar 2022 20:24

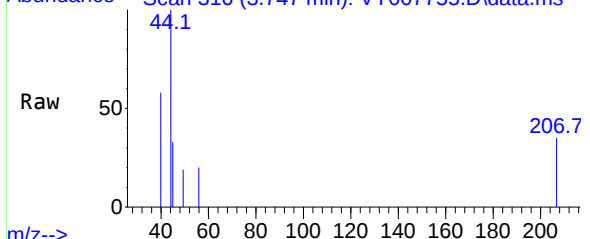
Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

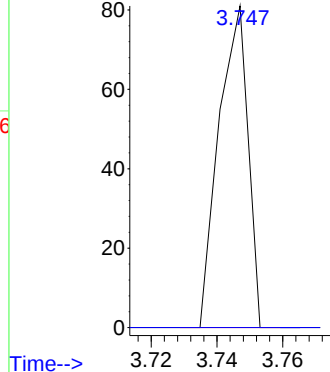
56 100

55 0.0 57.6 86.4#

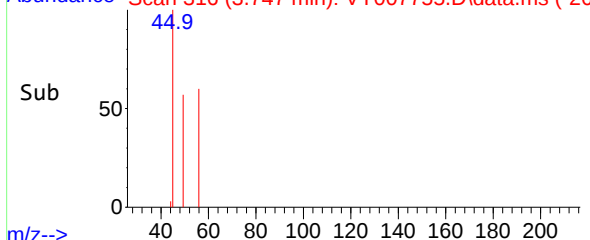
Abundance Scan 316 (3.747 min): VY007755.D\data.ms



Abundance



Abundance Scan 316 (3.747 min): VY007755.D\data.ms (-26)

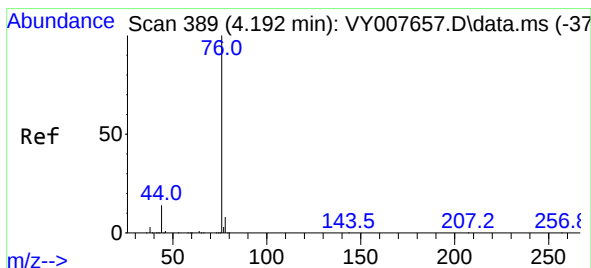
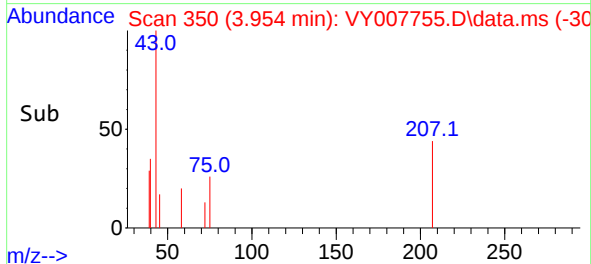
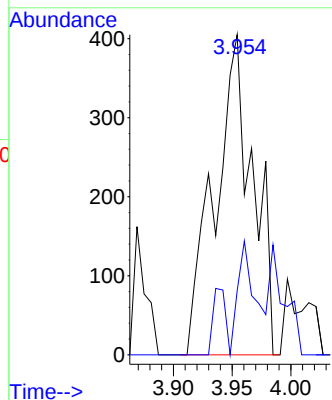
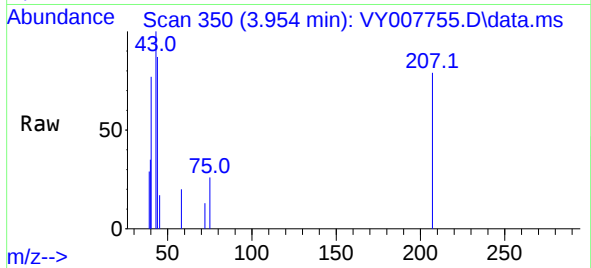




#16
Acetone
Concen: 1.257 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

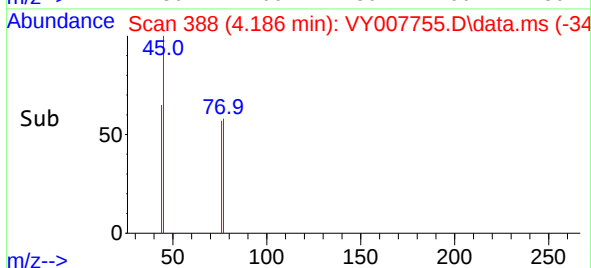
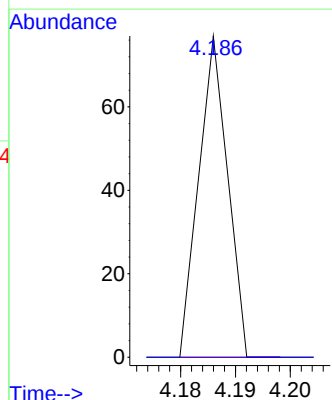
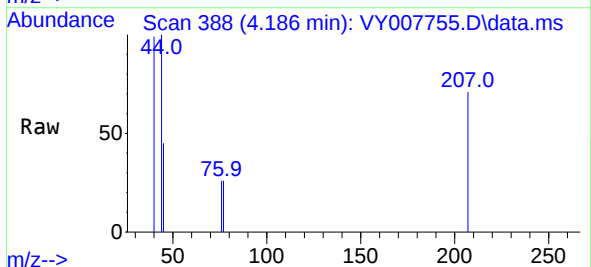
Instrument :
MSVOA_Y
ClientSampleId :

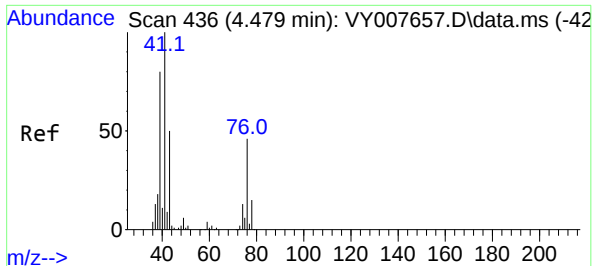
Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 20.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.186 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

Tgt Ion: 76 Resp: 28
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.418 min Scan# 43

Delta R.T. -0.061 min

Lab File: VY007755.D

Acq: 04 Mar 2022 20:24

Instrument :

MSVOA_Y

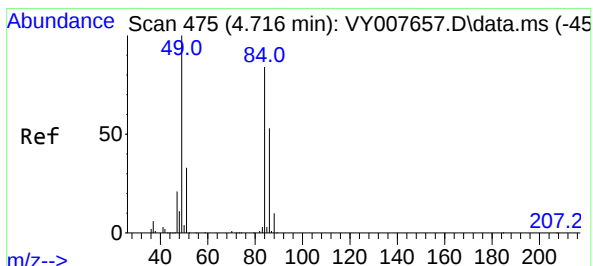
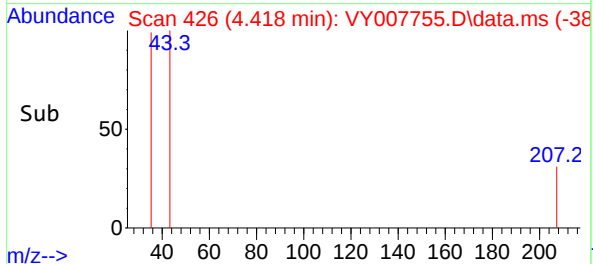
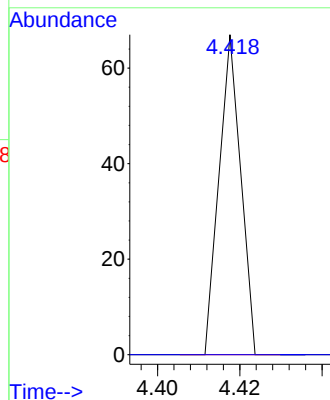
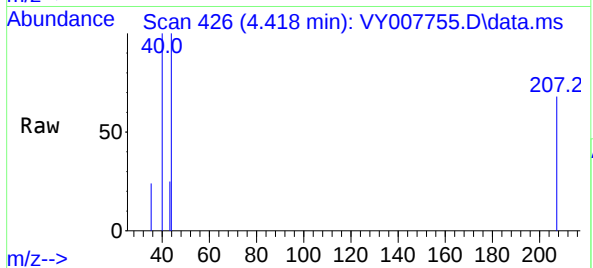
ClientSampleId :

Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY007755.D

Acq: 04 Mar 2022 20:24

Tgt Ion: 84 Resp: 11715

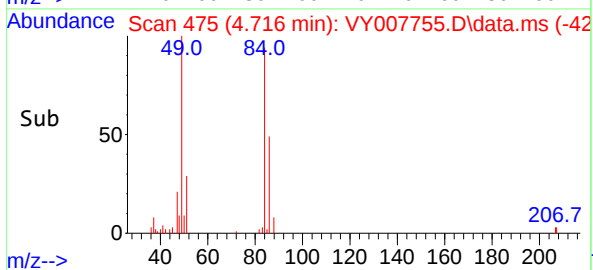
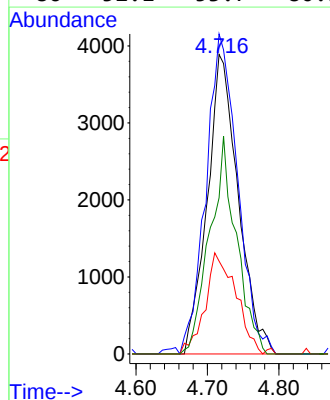
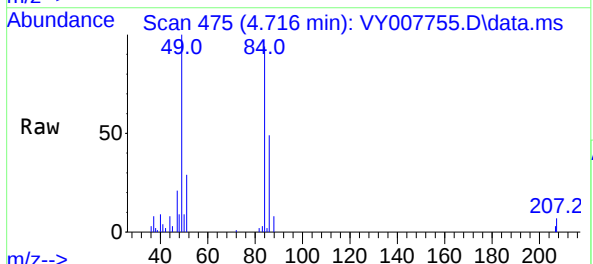
Ion Ratio Lower Upper

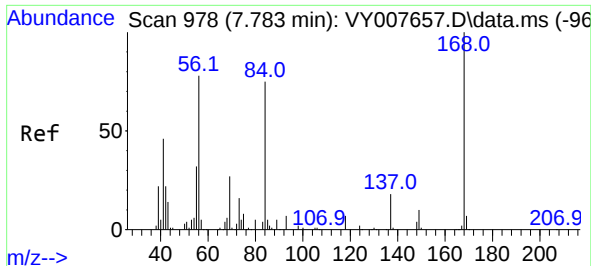
84 100

49 106.8 114.4 171.6#

51 31.0 35.3 52.9#

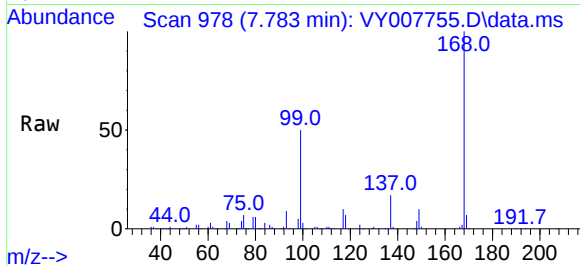
86 52.1 53.7 80.5#



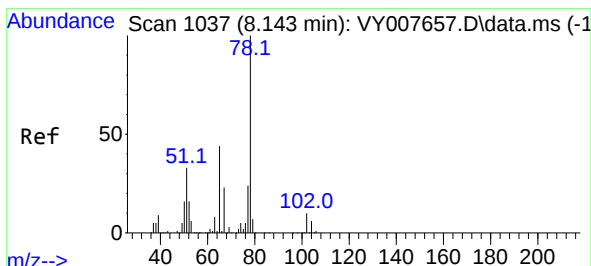
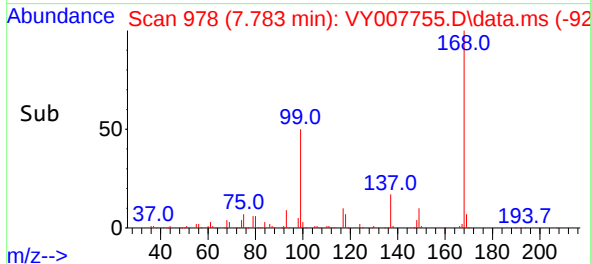
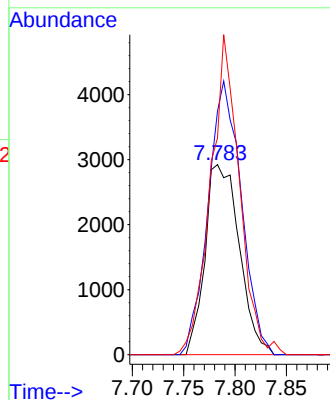


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

Instrument :
MSVOA_Y
ClientSampleId :

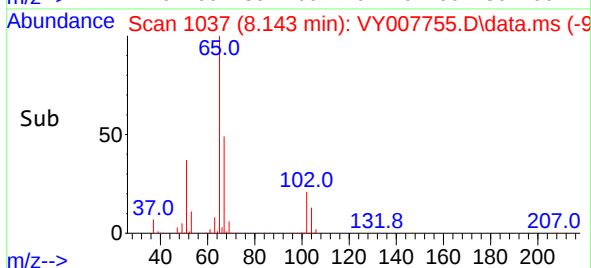
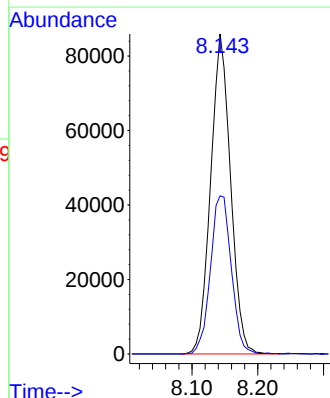
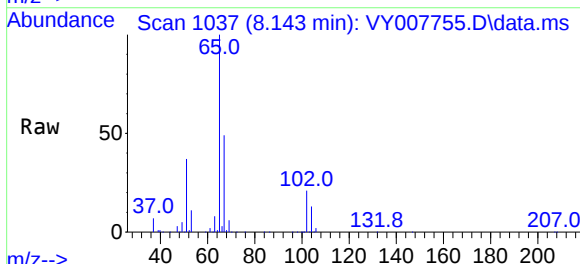


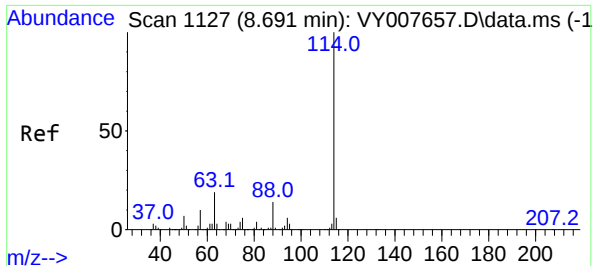
Tgt Ion: 56 Resp: 6781
Ion Ratio Lower Upper
56 100
69 128.1 26.7 40.1#
84 112.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.948 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

Tgt Ion: 65 Resp: 181057
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007755.D

Acq: 04 Mar 2022 20:24

Instrument :

MSVOA_Y

ClientSampleId :

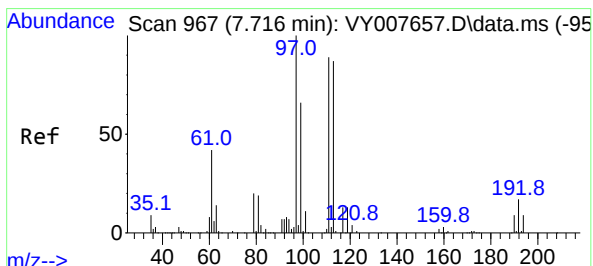
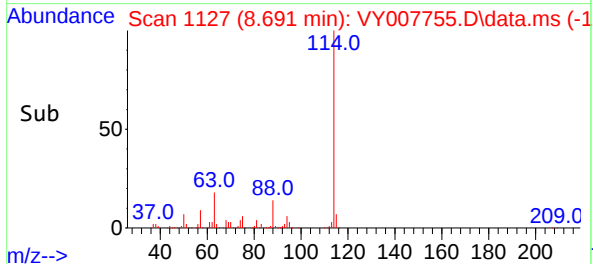
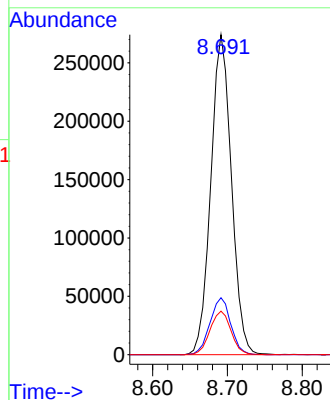
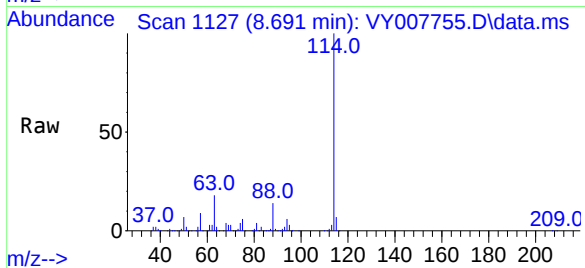
Tgt Ion:114 Resp: 526029

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.184 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007755.D

Acq: 04 Mar 2022 20:24

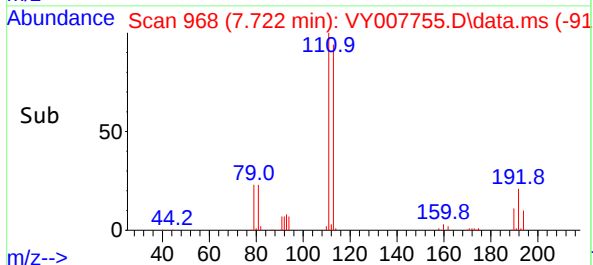
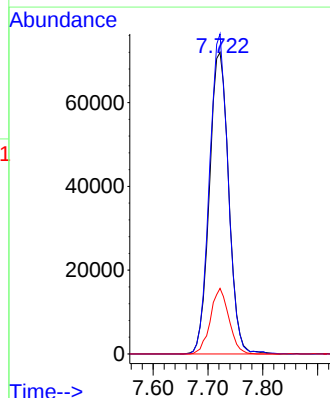
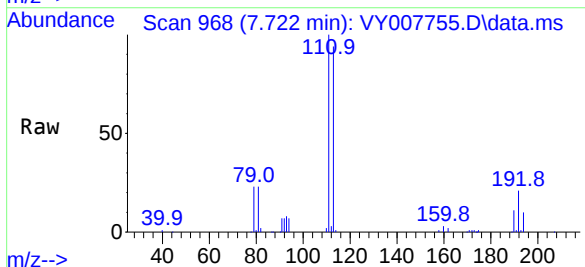
Tgt Ion:113 Resp: 175497

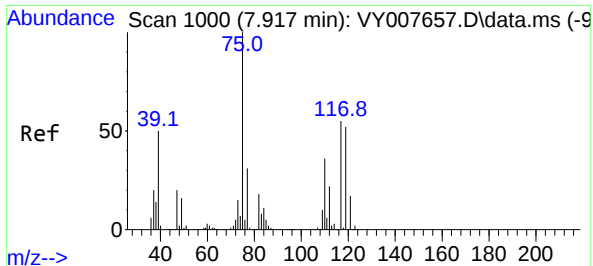
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 20.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.691 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007755.D

Acq: 04 Mar 2022 20:24

Instrument :

MSVOA_Y

ClientSampleId :

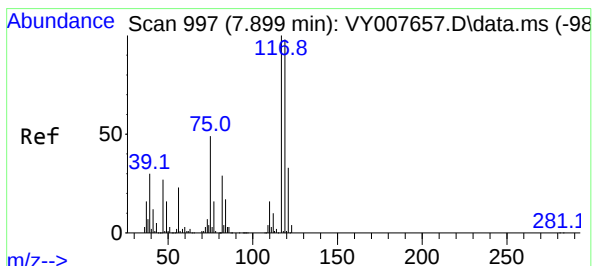
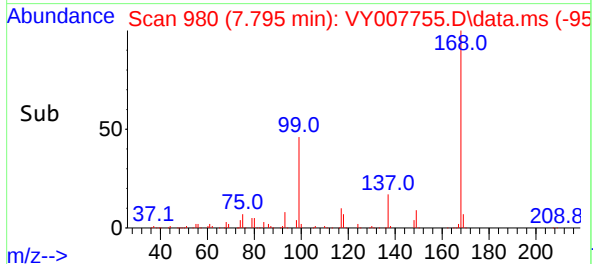
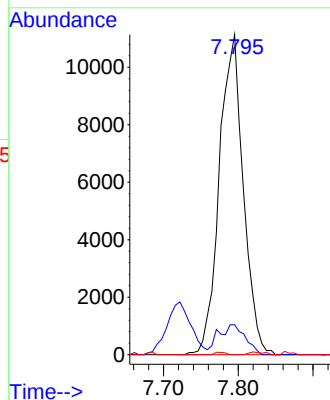
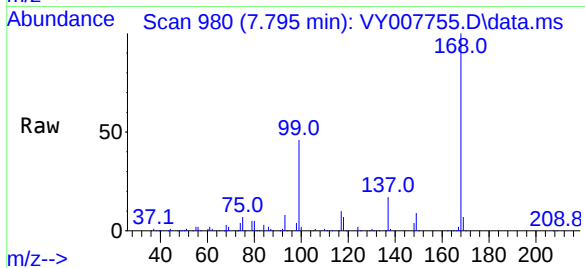
Tgt Ion: 75 Resp: 24815

Ion Ratio Lower Upper

75 100

110 10.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.768 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY007755.D

Acq: 04 Mar 2022 20:24

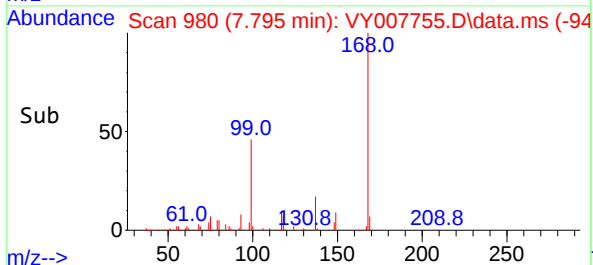
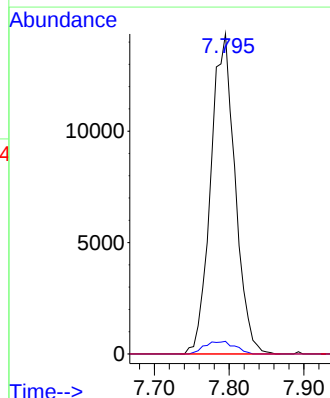
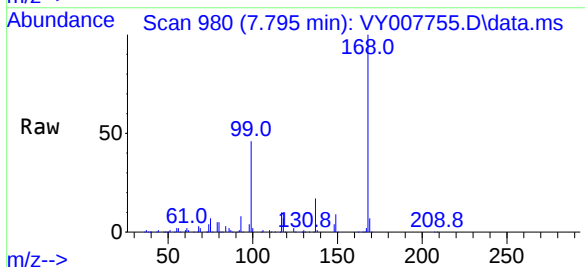
Tgt Ion:117 Resp: 32552

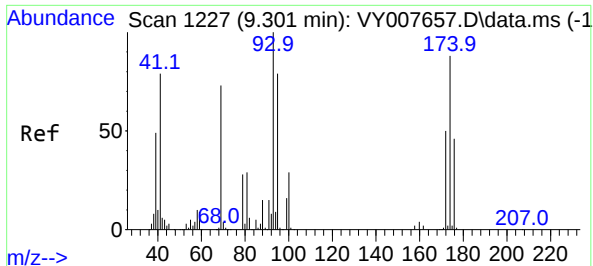
Ion Ratio Lower Upper

117 100

119 4.0 77.9 116.9#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.087 ug/l

RT: 9.075 min Scan# 1190

Delta R.T. -0.226 min

Lab File: VY007755.D

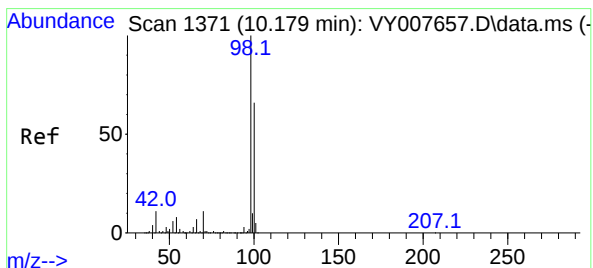
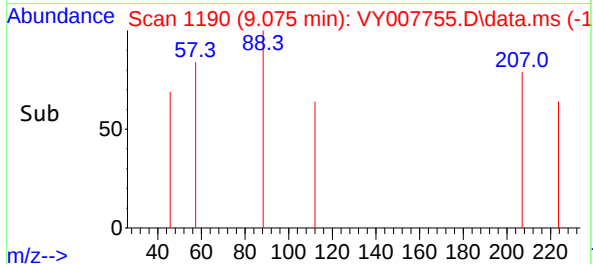
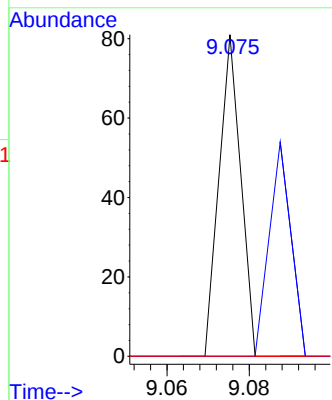
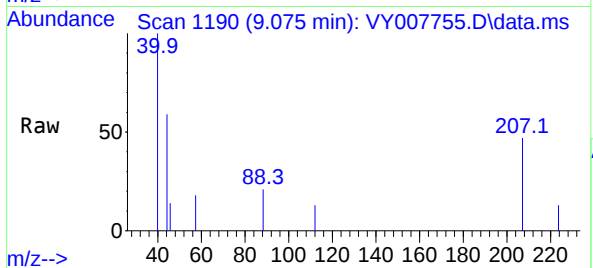
Acq: 04 Mar 2022 20:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 88	Resp: 30
Ion Ratio	Lower Upper
88 100	
43 66.7	32.8 49.2#
58 0.0	59.8 89.6#



#50

Toluene-d8

Concen: 51.700 ug/l

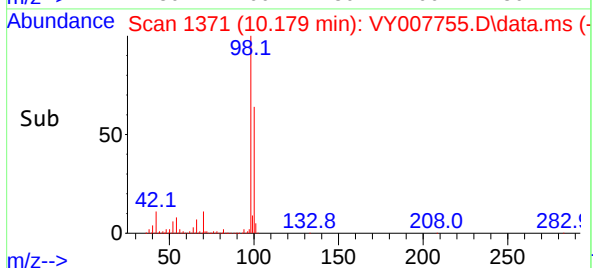
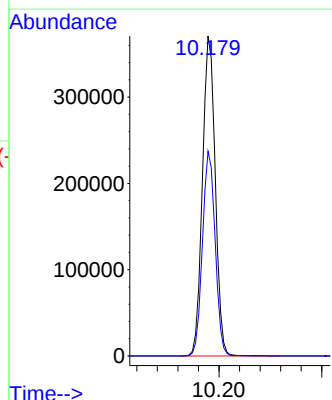
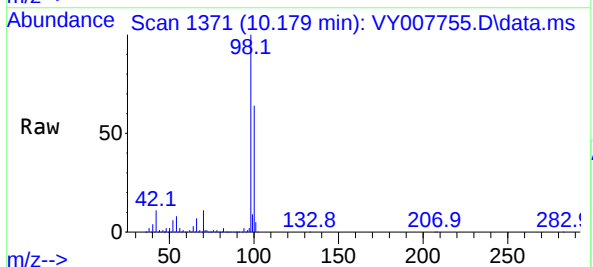
RT: 10.179 min Scan# 1371

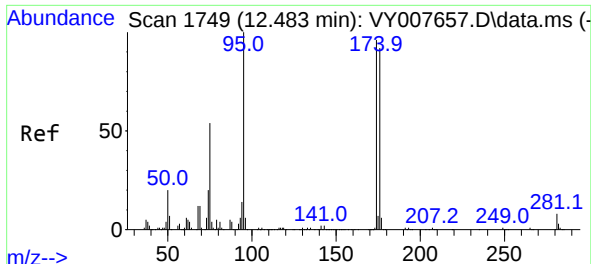
Delta R.T. -0.000 min

Lab File: VY007755.D

Acq: 04 Mar 2022 20:24

Tgt Ion: 98	Resp: 640032
Ion Ratio	Lower Upper
98 100	
100 63.4	50.2 75.2

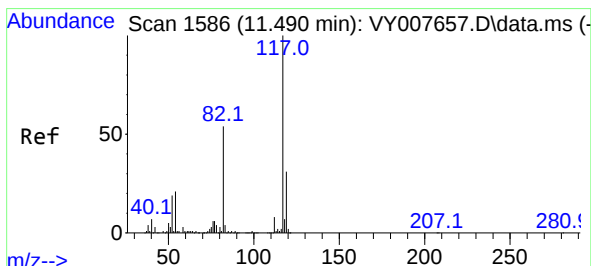
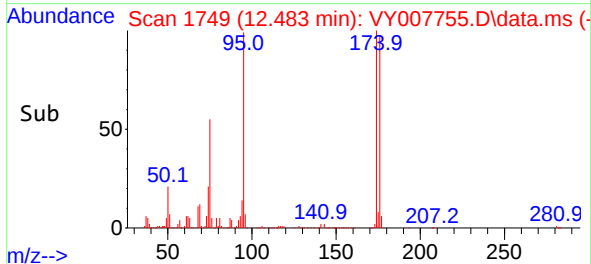
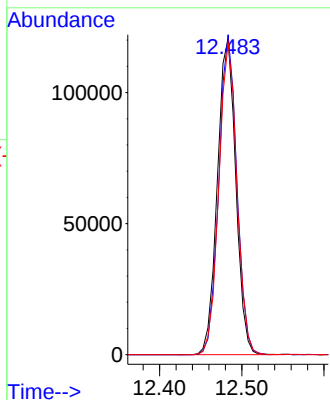
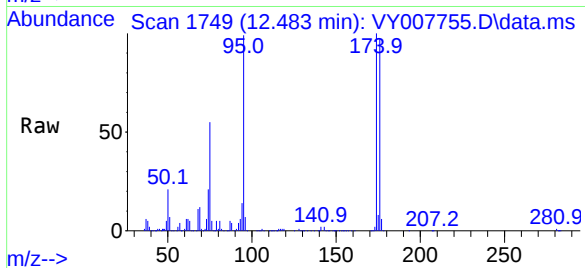




#62
4-Bromofluorobenzene
Concen: 47.085 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

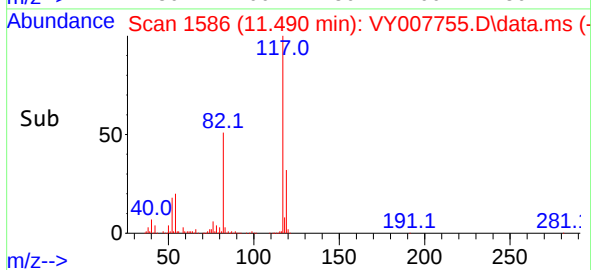
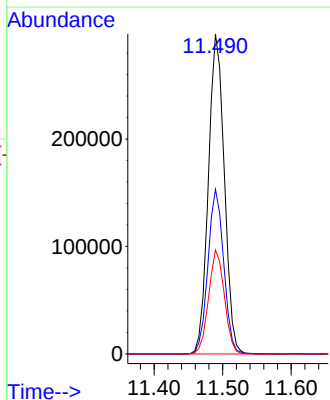
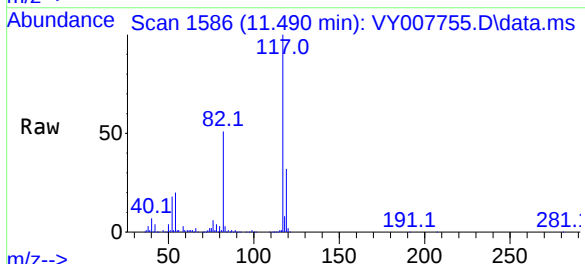
Instrument :
MSVOA_Y
ClientSampleId :

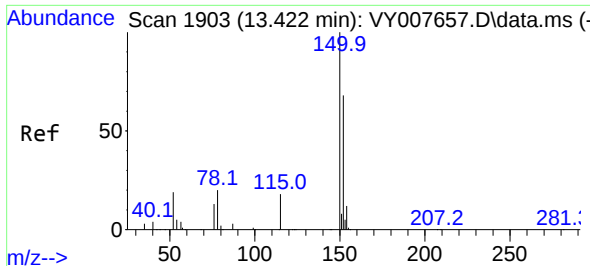
Tgt Ion: 95 Resp: 187893
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 96.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007755.D
Acq: 04 Mar 2022 20:24

Tgt Ion: 117 Resp: 481495
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 32.5 25.4 38.0

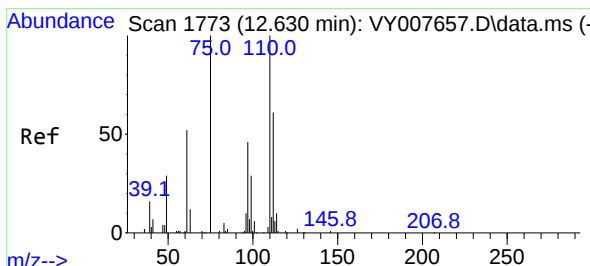
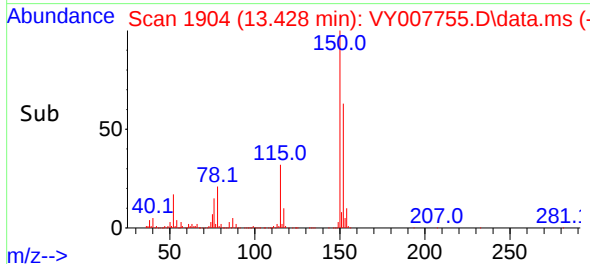
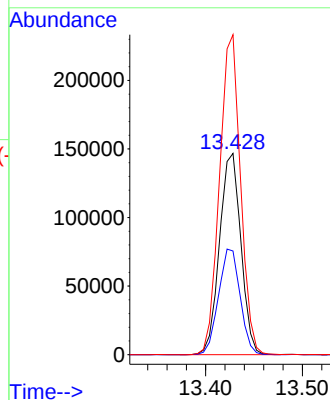
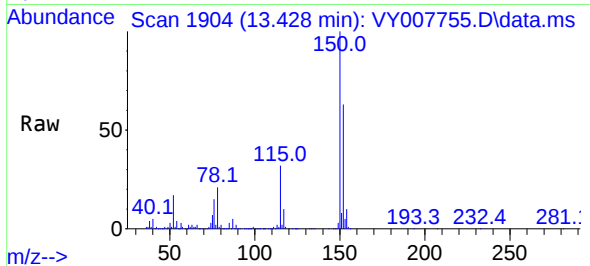




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007755.D
 Acq: 04 Mar 2022 20:24

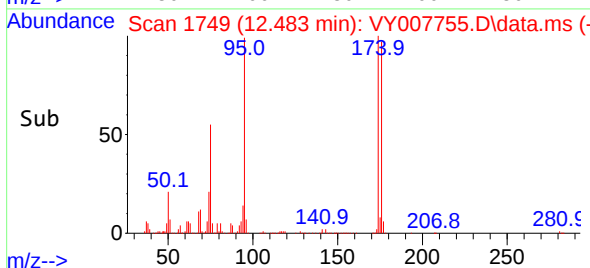
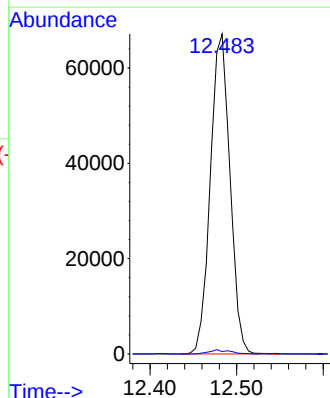
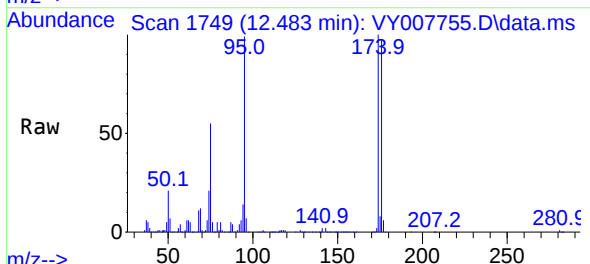
Instrument :
 MSVOA_Y
 ClientSampleId :

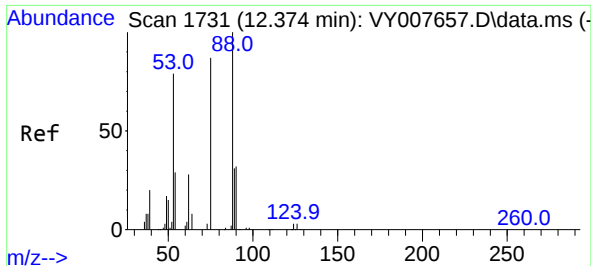
Tgt Ion:152 Resp: 225294
 Ion Ratio Lower Upper
 152 100
 115 53.0 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.021 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007755.D
 Acq: 04 Mar 2022 20:24

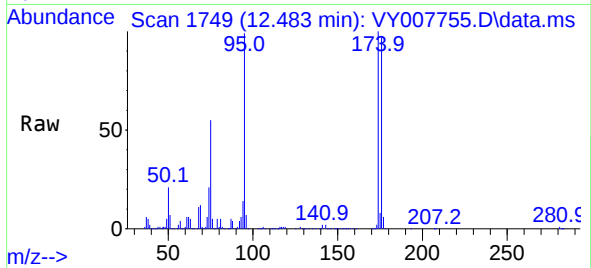
Tgt Ion: 75 Resp: 105725
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.907 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007755.D
 Acq: 04 Mar 2022 20:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 105725

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

