

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041222\
 Data File : VY008288.D
 Acq On : 12 Apr 2022 15:23
 Operator : KP/MD
 Sample : N2340-08RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-17.5-18.0RE

Quant Time: Apr 13 08:13:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

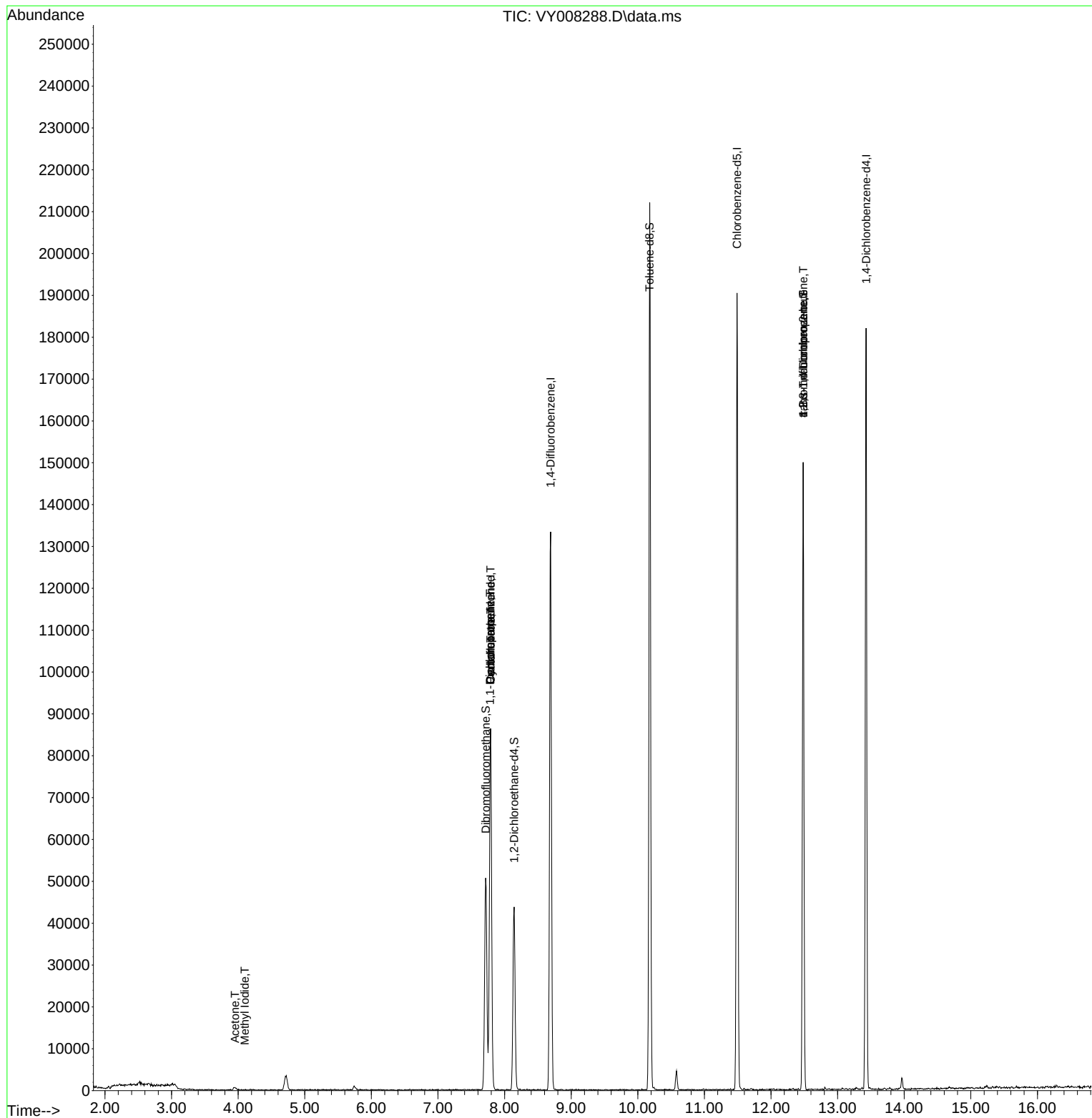
Internal Standards						
1) Pentafluorobenzene	7.789	168	68532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	119625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	107236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	33913	52.681	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.360%	
35) Dibromofluoromethane	7.716	113	36828	53.302	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.600%	
50) Toluene-d8	10.179	98	140602	59.470	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 118.940%	
62) 4-Bromofluorobenzene	12.483	95	44447	49.983	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	199	Below Cal	#	75
5) Bromomethane	2.674	94	279	Below Cal	#	80
10) Methyl Iodide	4.100	142	49	2.447	ug/l #	35
16) Acetone	3.954	43	1352	8.732	ug/l	98
18) Methyl Acetate	4.497	43	33	Below Cal	#	56
20) Methylene Chloride	4.710	84	2944	Below Cal	#	66
31) Cyclohexane	7.789	56	1355	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5278	4.784	ug/l #	51
38) Carbon Tetrachloride	7.789	117	6926	5.835	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	23344	45.573	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23344	101.968	ug/l #	7

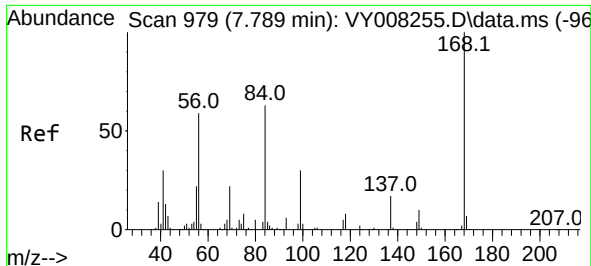
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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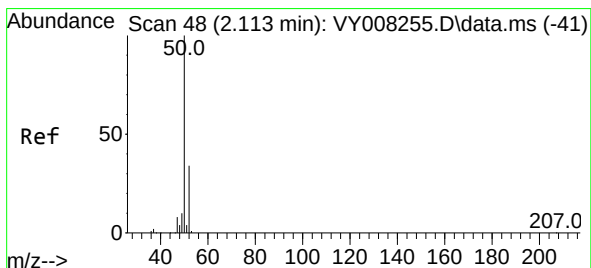
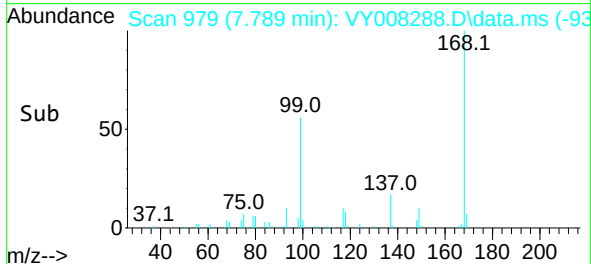
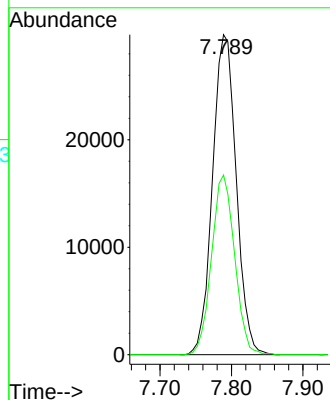
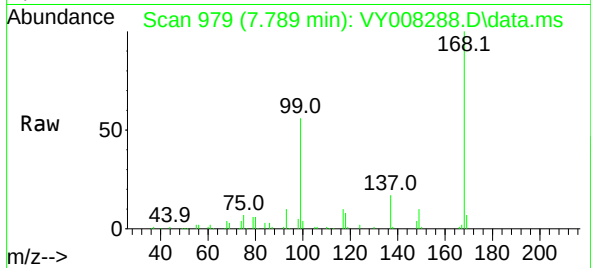




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

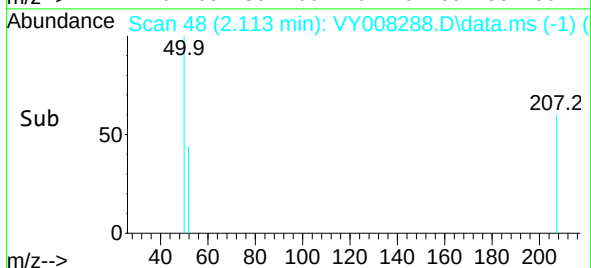
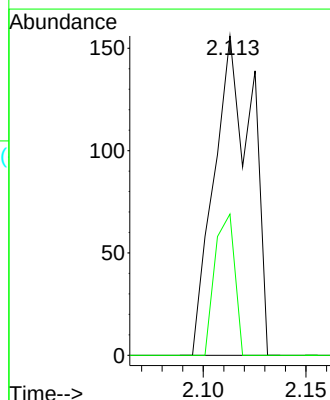
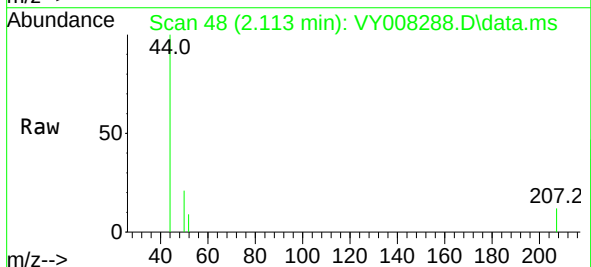
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-17.5-18.0RE

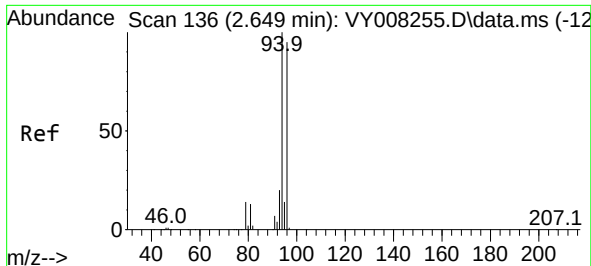
Tgt Ion:168 Resp: 68532
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

Tgt Ion: 50 Resp: 199
Ion Ratio Lower Upper
50 100
52 44.2 24.6 37.0#

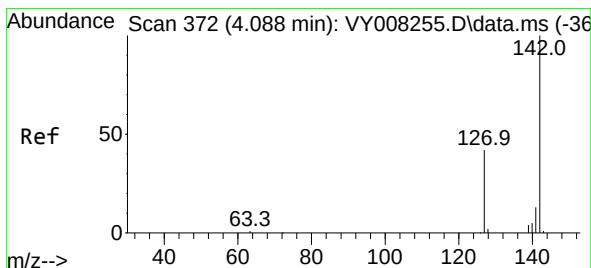
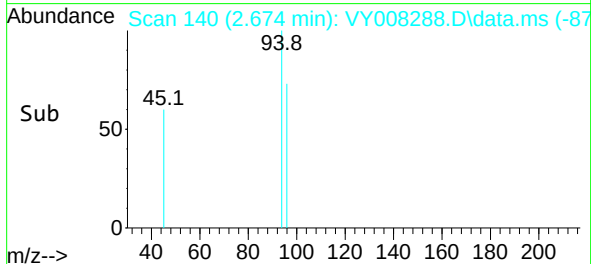
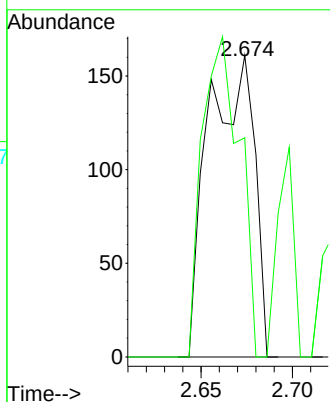
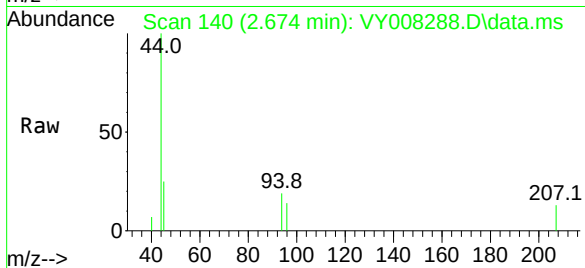




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.025 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

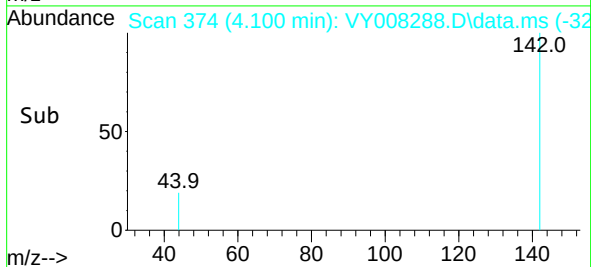
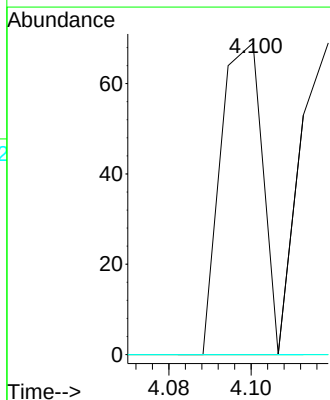
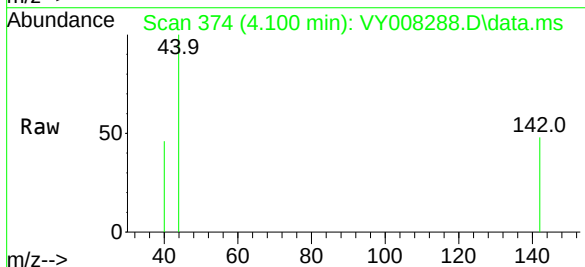
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-17.5-18.0RE

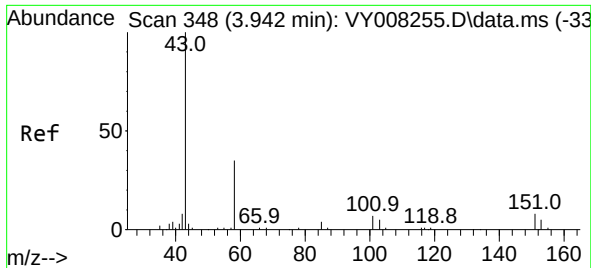
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 72.7 73.5 110.3#



#10
Methyl Iodide
Concen: 2.447 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

Tgt Ion: 142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

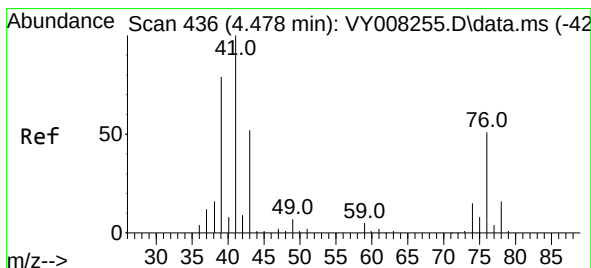
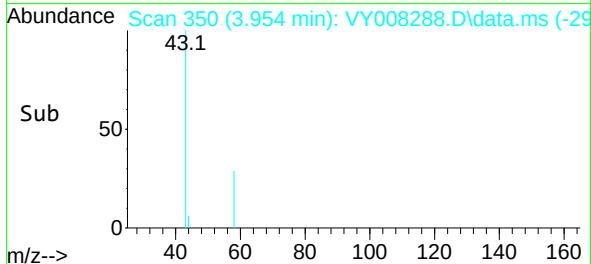
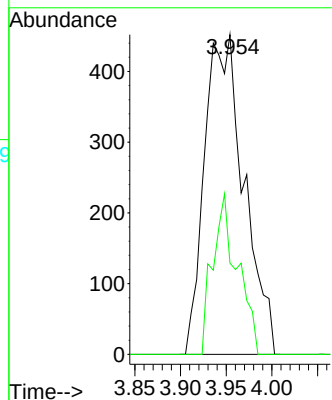
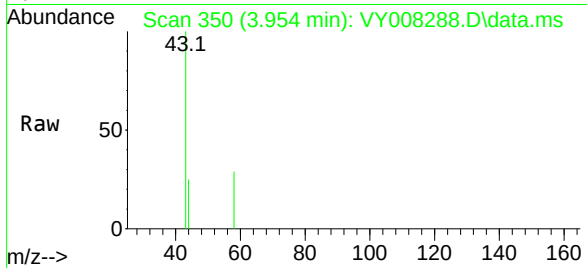




#16
Acetone
Concen: 8.732 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

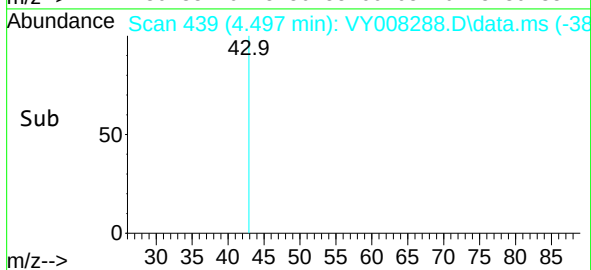
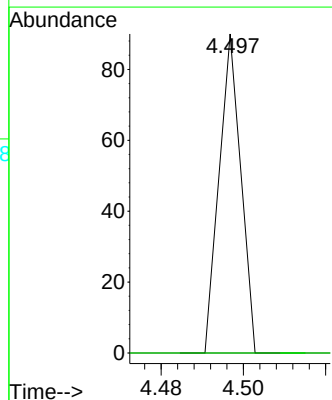
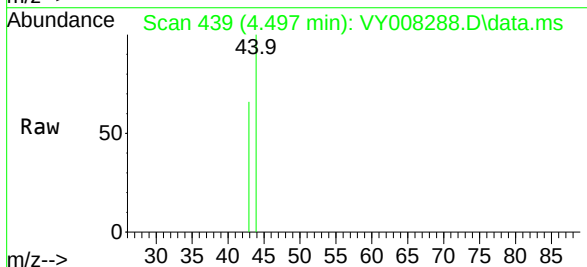
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-17.5-18.0RE

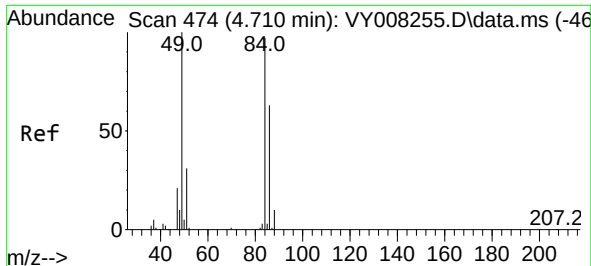
Tgt Ion: 43 Resp: 1352
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 439
Delta R.T. 0.019 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY008288.D

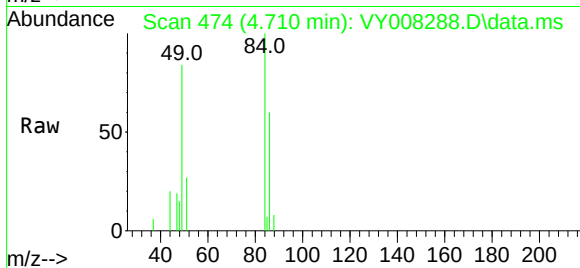
Acq: 12 Apr 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-08-17.5-18.0RE



Tgt Ion: 84 Resp: 2944

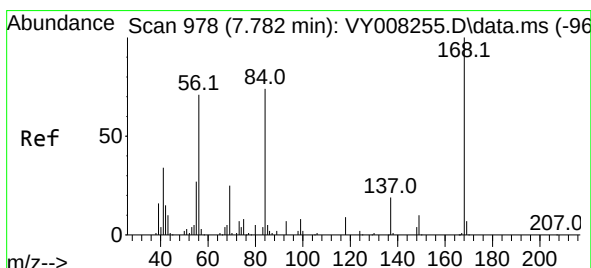
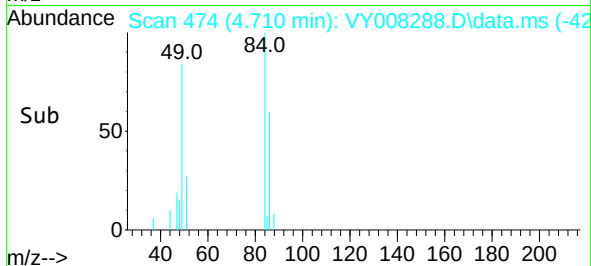
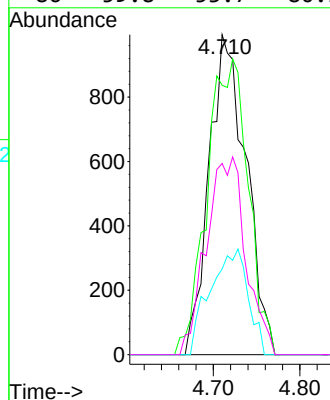
Ion Ratio Lower Upper

84 100

49 84.2 114.4 171.6#

51 26.8 35.3 52.9#

86 59.8 53.7 80.5



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.007 min

Lab File: VY008288.D

Acq: 12 Apr 2022 15:23

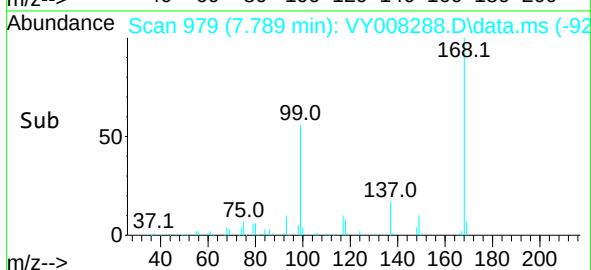
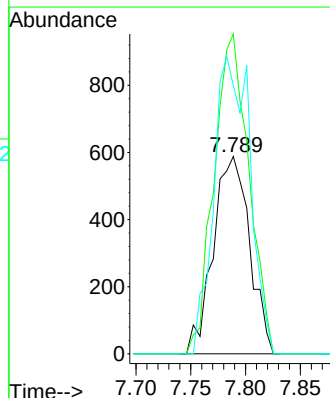
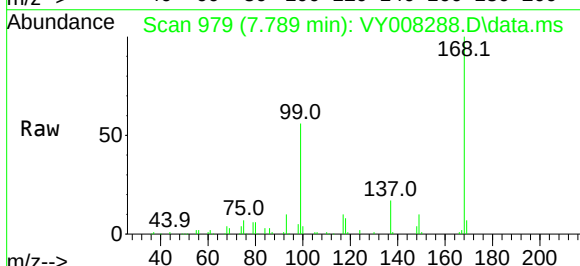
Tgt Ion: 56 Resp: 1355

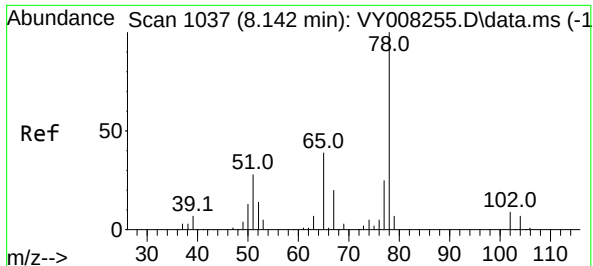
Ion Ratio Lower Upper

56 100

69 162.1 26.7 40.1#

84 136.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 52.681 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY008288.D

Acq: 12 Apr 2022 15:23

Instrument :

MSVOA_Y

ClientSampleId :

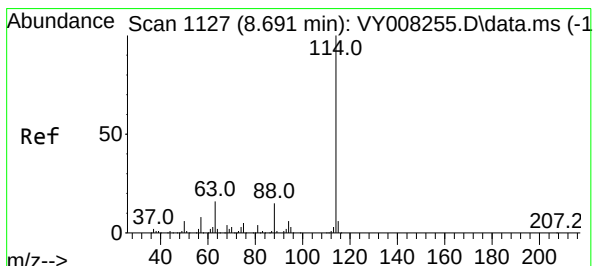
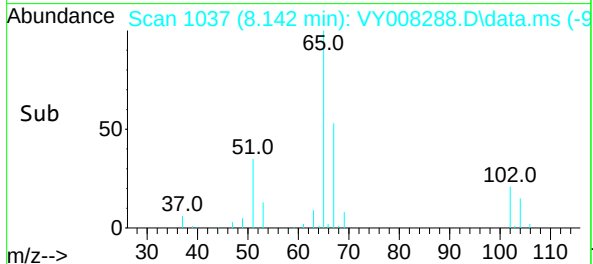
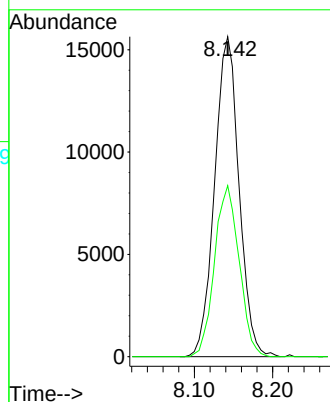
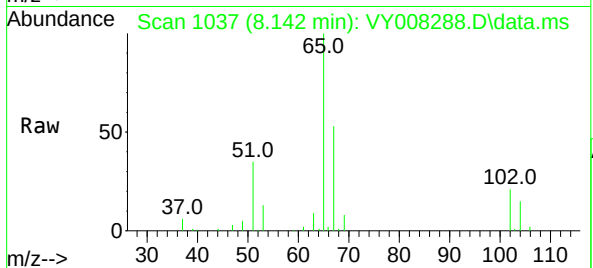
SB-08-17.5-18.0RE

Tgt Ion: 65 Resp: 33913

Ion Ratio Lower Upper

65 100

67 53.8 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: VY008288.D

Acq: 12 Apr 2022 15:23

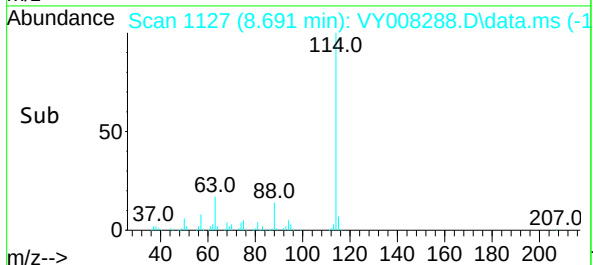
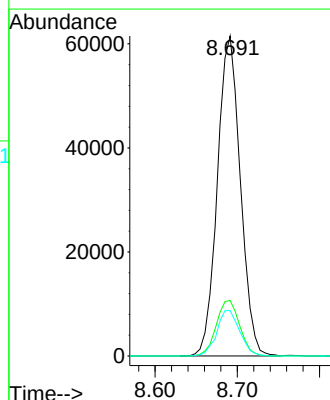
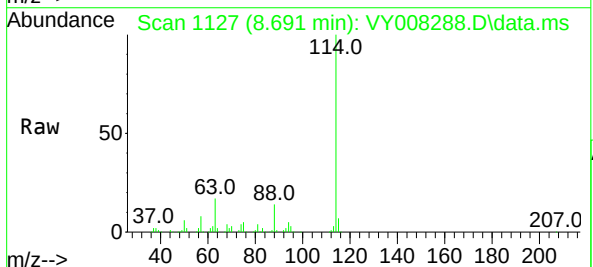
Tgt Ion: 114 Resp: 119625

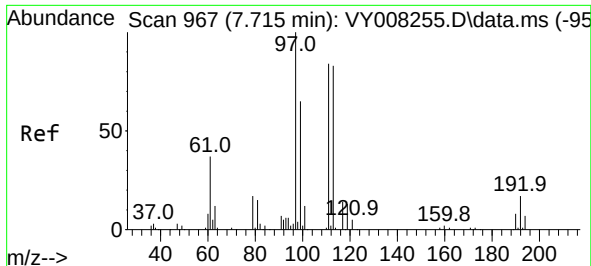
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.2 0.0 31.8

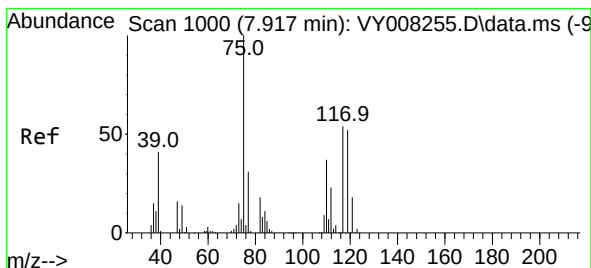
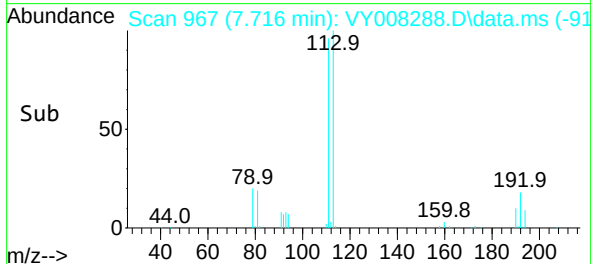
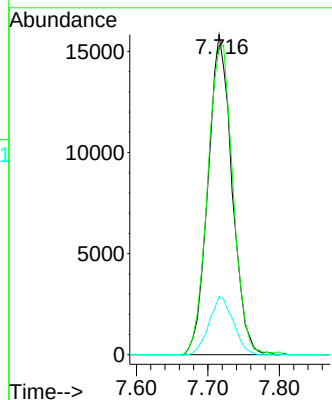
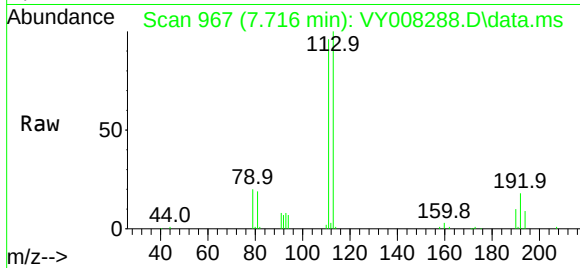




#35
Dibromofluoromethane
Concen: 53.302 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

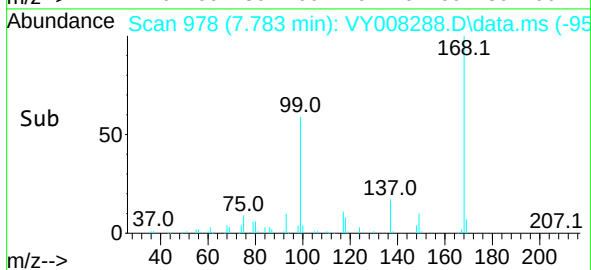
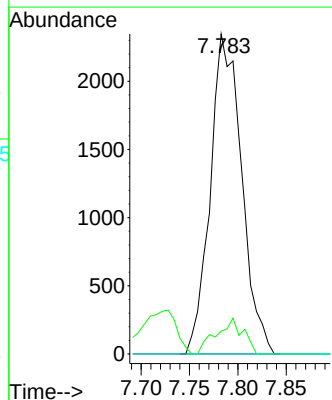
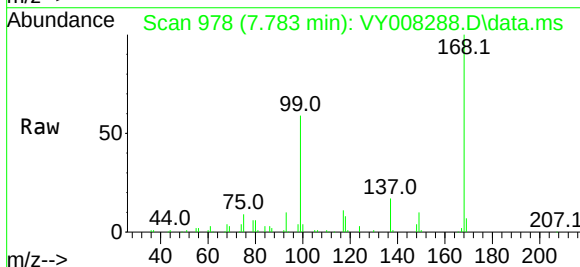
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-17.5-18.0RE

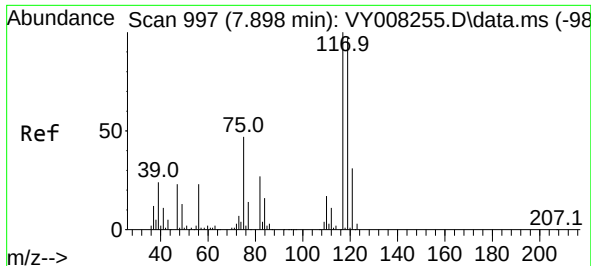
Tgt Ion:113 Resp: 36828
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 18.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.784 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

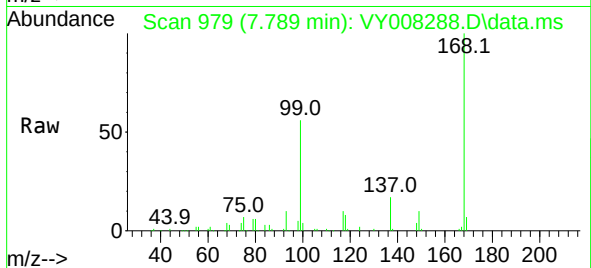
Tgt Ion: 75 Resp: 5278
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



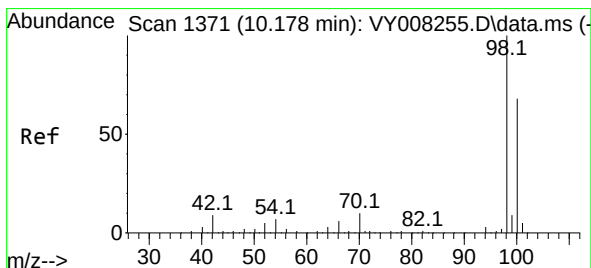
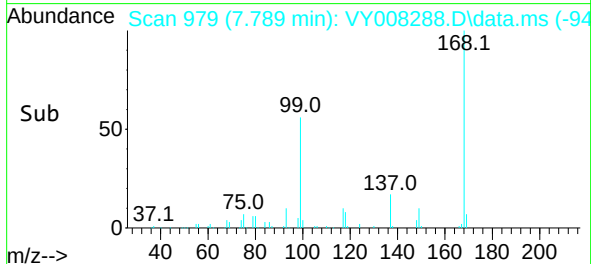
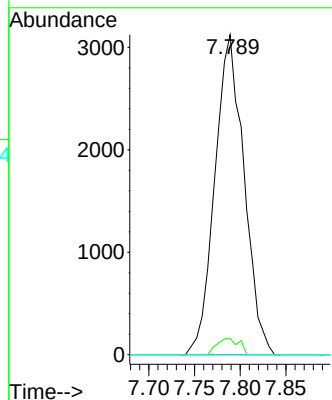


#38
Carbon Tetrachloride
Concen: 5.835 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-08-17.5-18.0RE

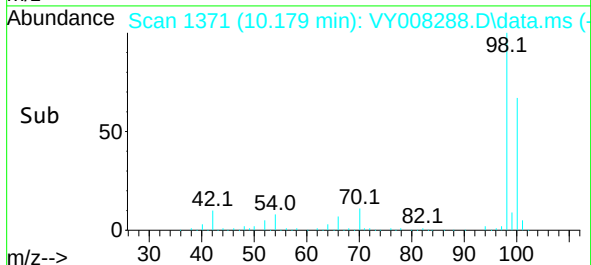
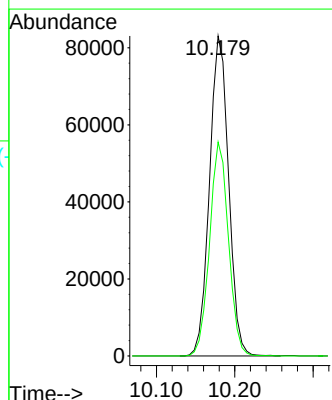
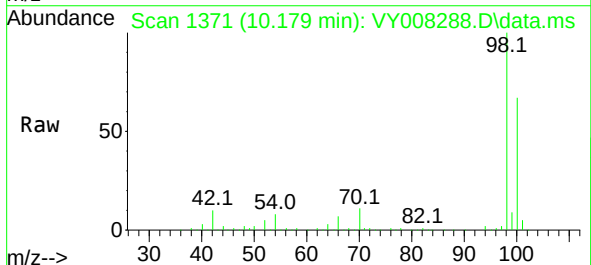


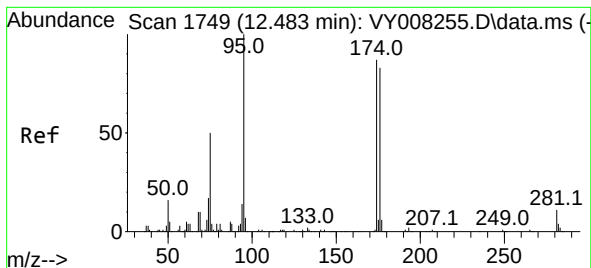
Tgt Ion:117 Resp: 6926
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 59.470 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

Tgt Ion: 98 Resp: 140602
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

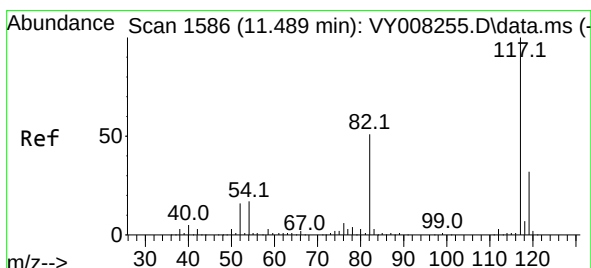
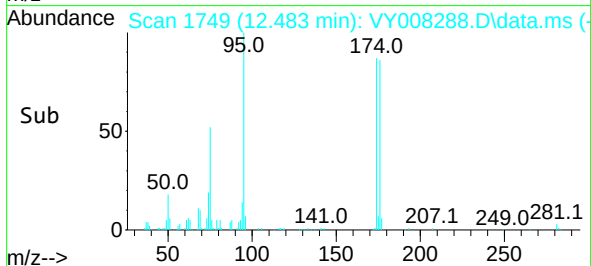
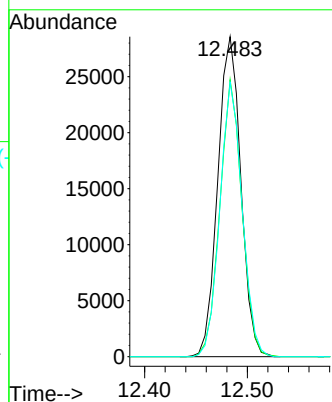
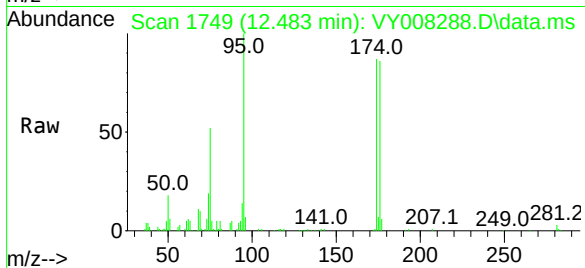




#62
4-Bromofluorobenzene
Concen: 49.983 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

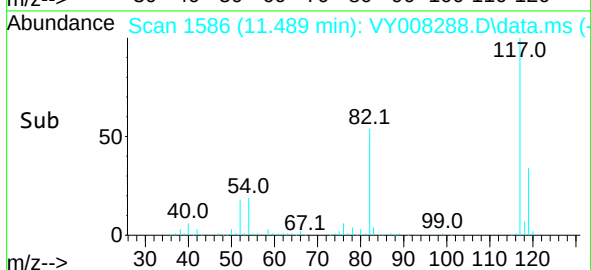
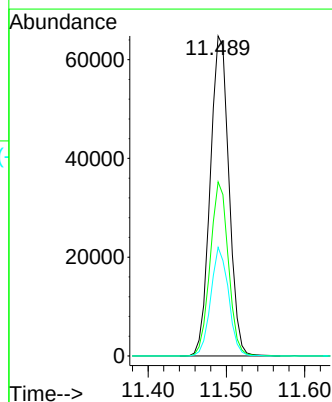
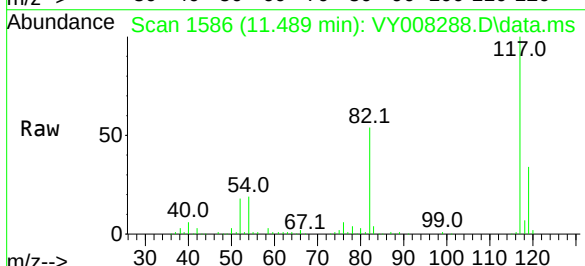
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-17.5-18.0RE

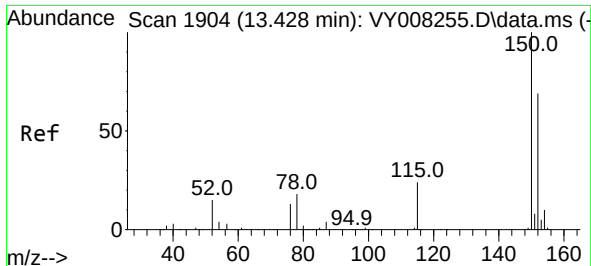
Tgt Ion: 95 Resp: 44447
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 83.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008288.D
Acq: 12 Apr 2022 15:23

Tgt Ion: 117 Resp: 107236
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 34.0 25.4 38.0

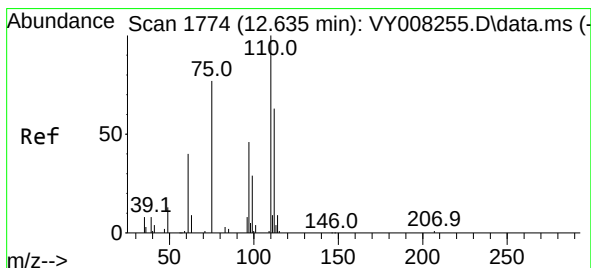
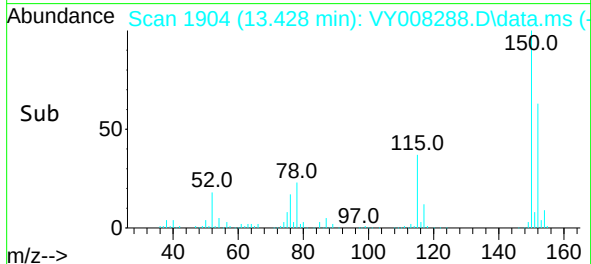
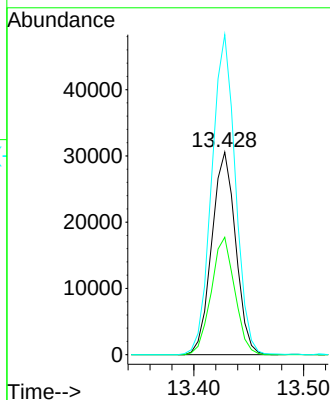
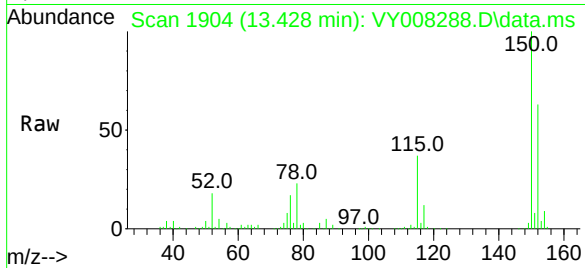




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008288.D
 Acq: 12 Apr 2022 15:23

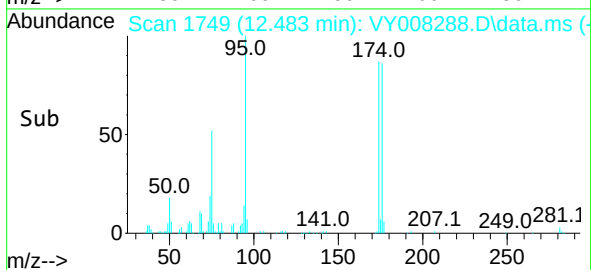
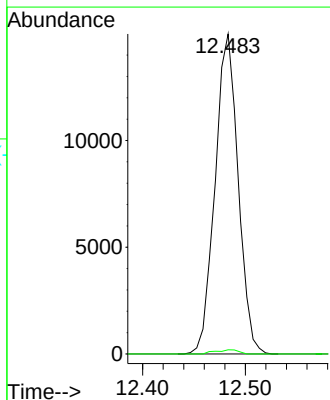
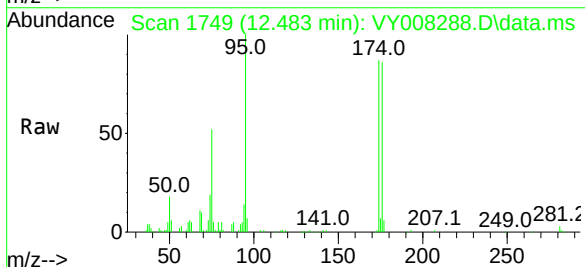
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-17.5-18.0RE

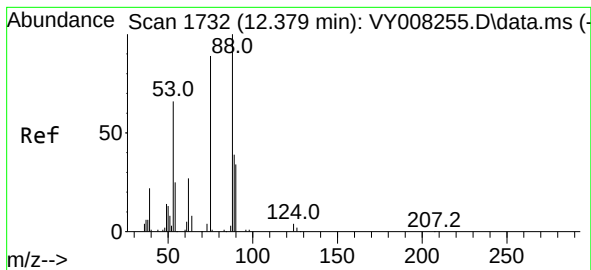
Tgt Ion:152 Resp: 46315
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 156.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.573 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008288.D
 Acq: 12 Apr 2022 15:23

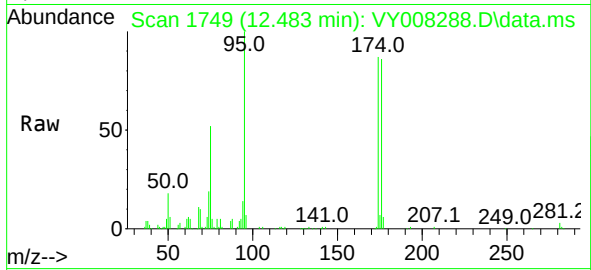
Tgt Ion: 75 Resp: 23344
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.968 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008288.D
 Acq: 12 Apr 2022 15:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-17.5-18.0RE



Tgt Ion: 75 Resp: 23344
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

