

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007862.D
 Acq On : 11 Mar 2022 18:10
 Operator : SY/MD
 Sample : N1864-10
 Misc : 7.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B1-030922-0-1

Quant Time: Mar 11 23:24:12 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	190165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	333855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126310	63.445	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.900%
35) Dibromofluoromethane	7.716	113	111048	52.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.060%
50) Toluene-d8	10.179	98	405913	51.663	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.477	95	119294	47.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.200%

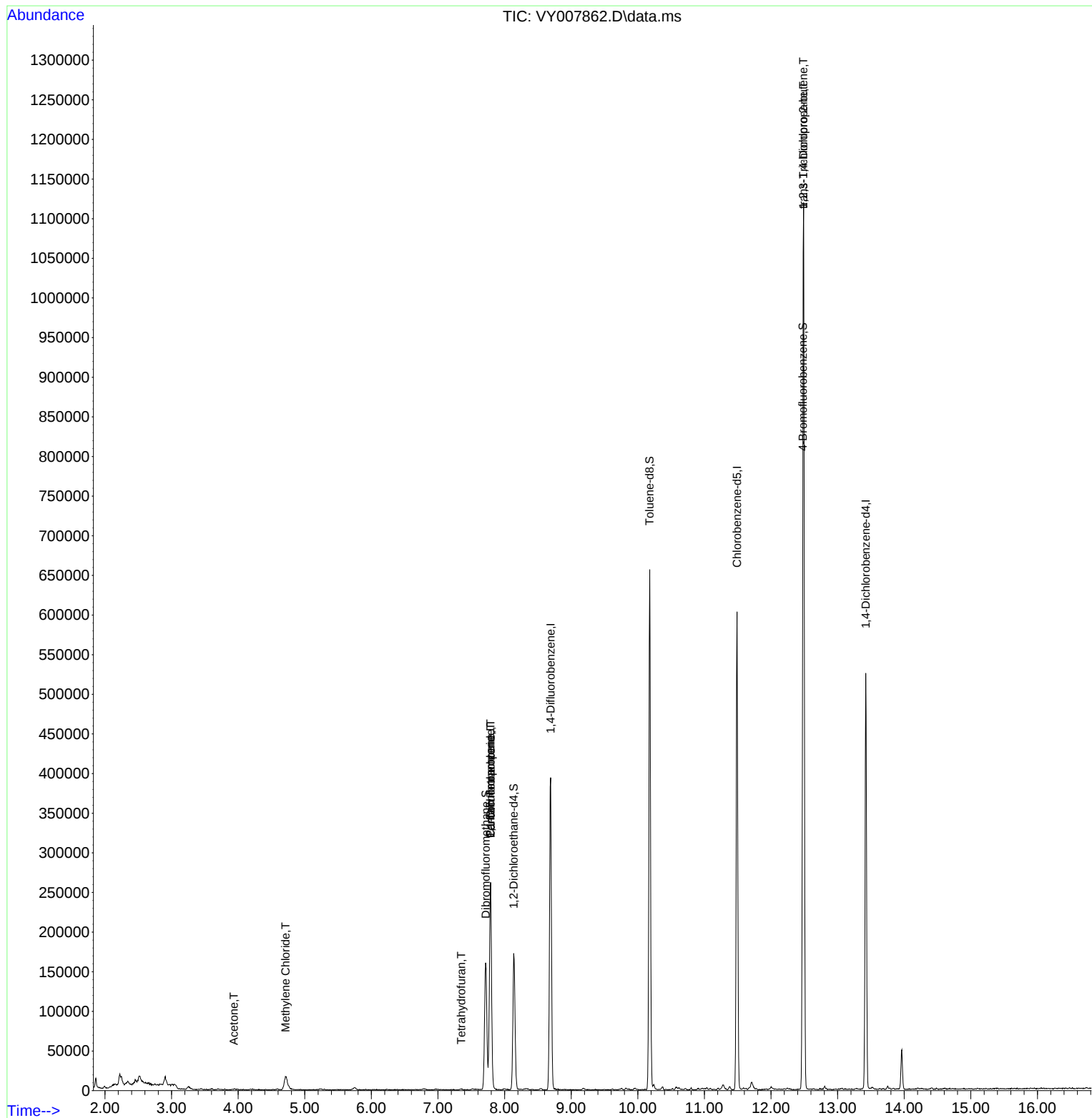
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.912	85	75	Below Cal	# 43
3) Chloromethane	2.113	50	911	Below Cal	# 64
13) Acrolein	3.741	56	80	Below Cal	# 14
16) Acetone	3.936	43	1243	3.069	ug/l 97
17) Carbon Disulfide	4.180	76	680	Below Cal	# 75
18) Methyl Acetate	4.491	43	27	Below Cal	# 56
20) Methylene Chloride	4.710	84	11500	1.717	ug/l 94
29) Tetrahydrofuran	7.350	42	611	1.314	ug/l # 86
31) Cyclohexane	7.789	56	5339	Below Cal	# 44
36) 1,1-Dichloropropene	7.789	75	16480	4.908	ug/l # 52
38) Carbon Tetrachloride	7.789	117	19645	5.485	ug/l # 15
76) 1,2,3-Trichloropropane	12.483	75	77310	55.322	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.483	75	77310	113.099	ug/l # 9

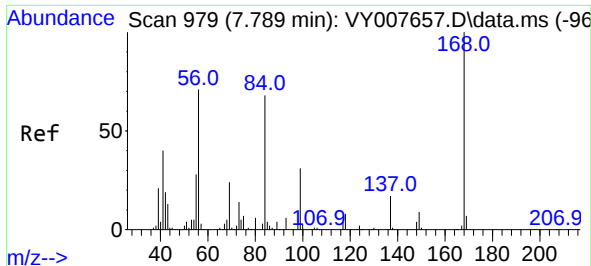
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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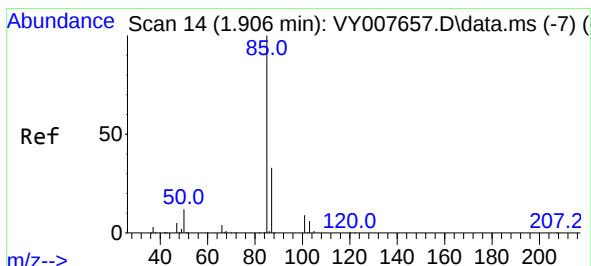
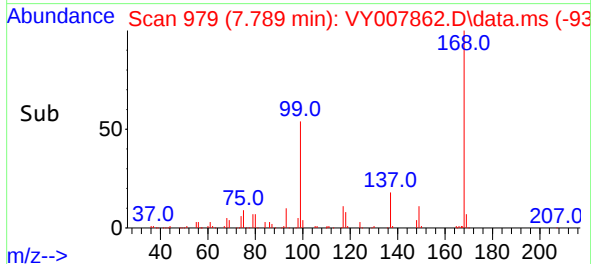
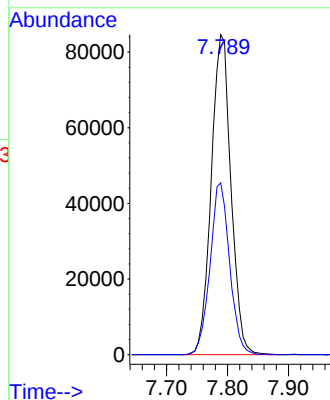
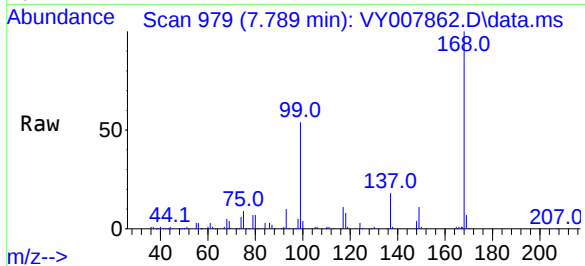




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

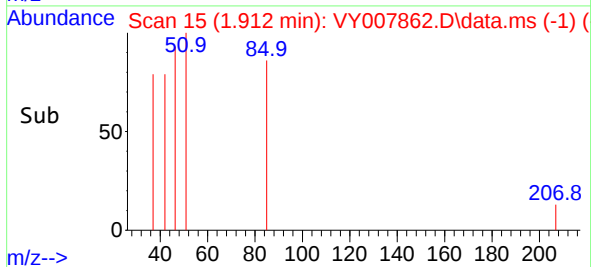
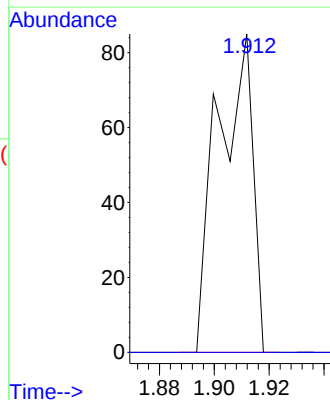
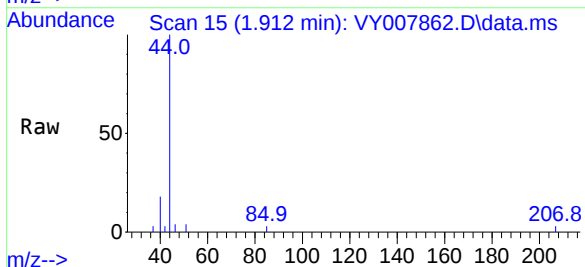
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

Tgt Ion:168 Resp: 190165
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3

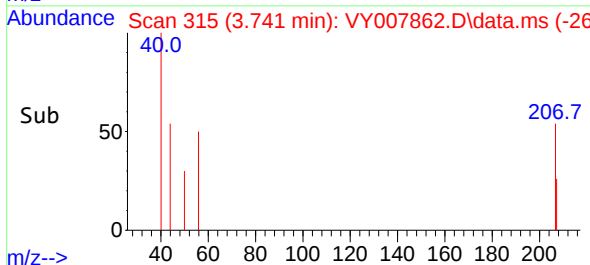
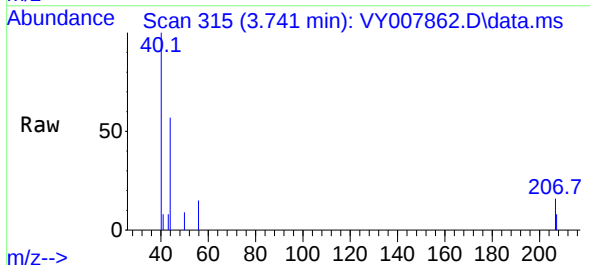
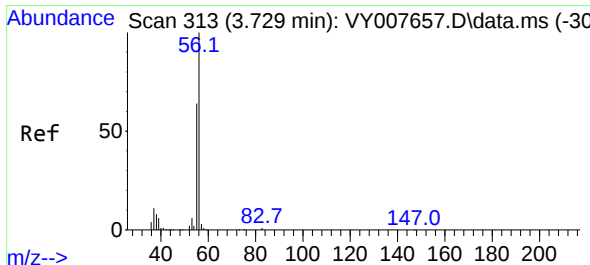
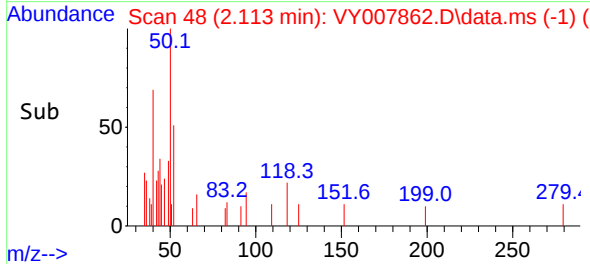
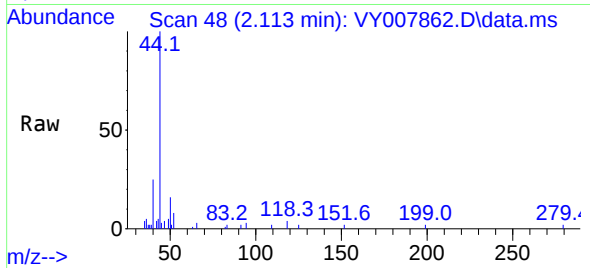
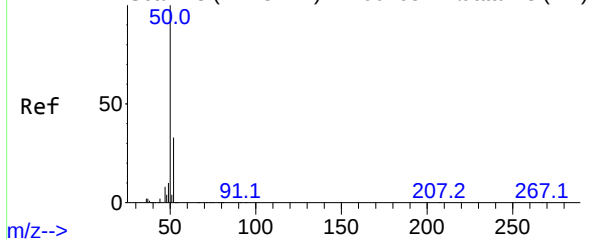


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 85 Resp: 75
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



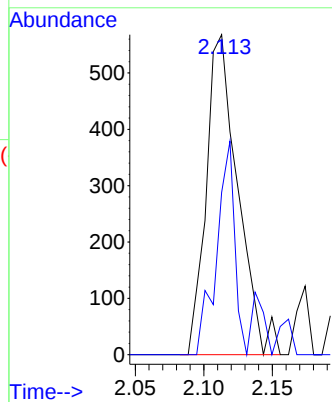
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

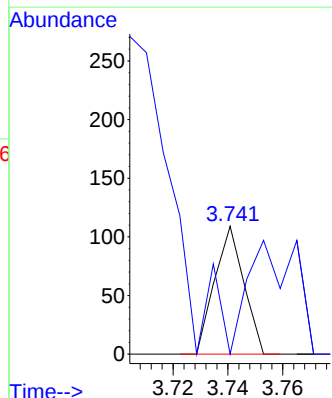
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

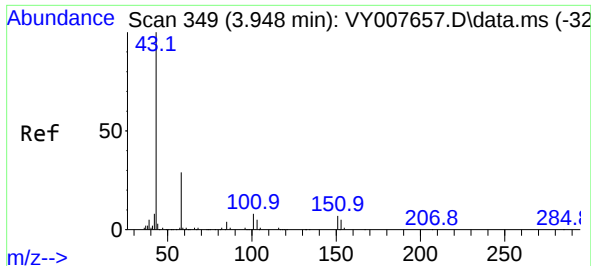
Tgt Ion: 50 Resp: 911
Ion Ratio Lower Upper
50 100
52 50.7 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.741 min Scan# 315
Delta R.T. 0.012 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 143.8 57.6 86.4#

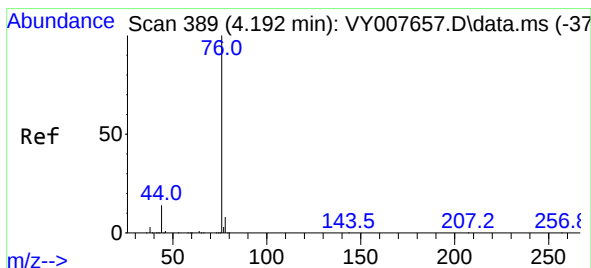
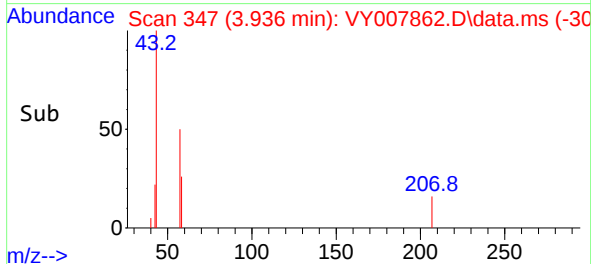
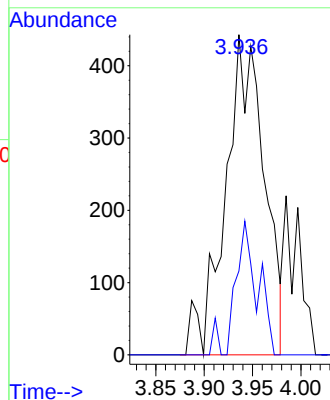
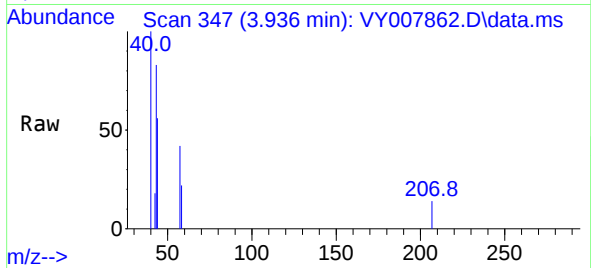




#16
Acetone
Concen: 3.069 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

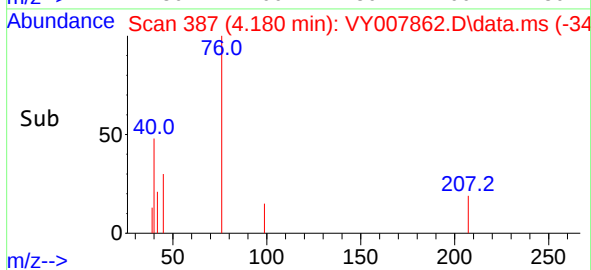
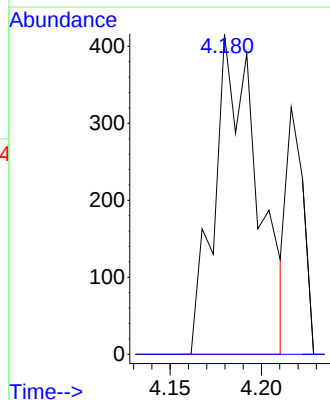
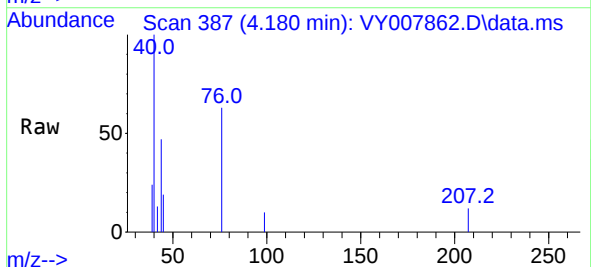
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

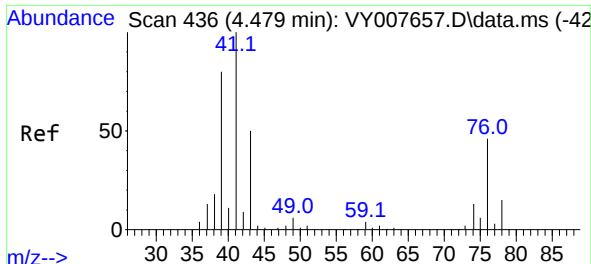
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 26.2 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.012 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 76 Resp: 680
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

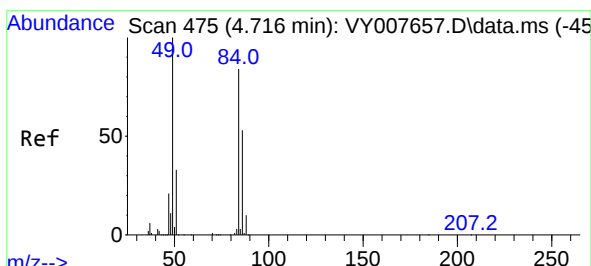
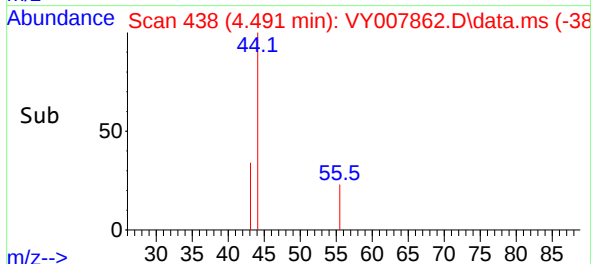
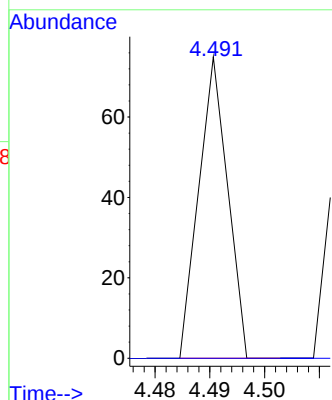
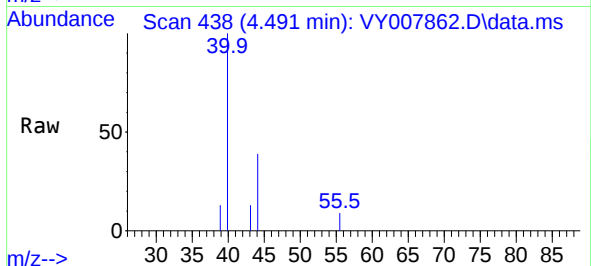




#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

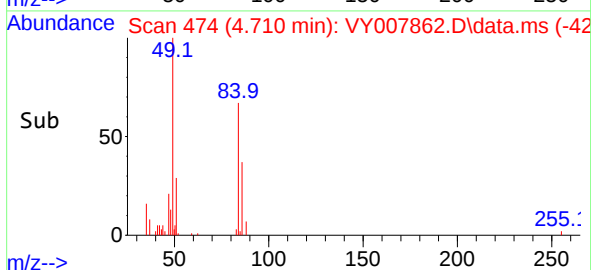
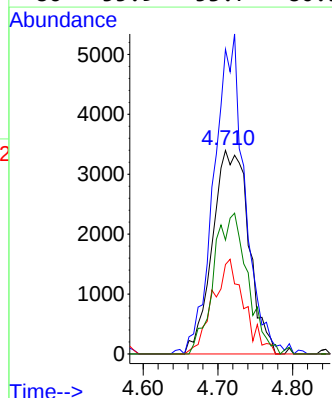
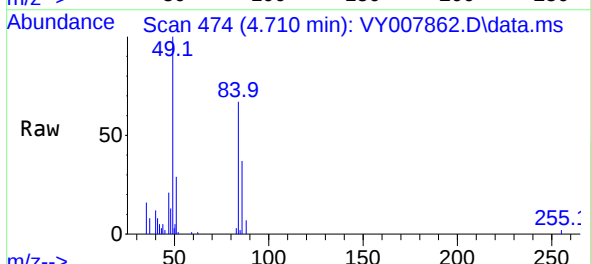
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

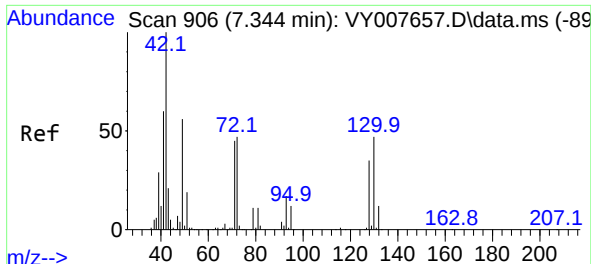
Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.717 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 84 Resp: 11500
Ion Ratio Lower Upper
84 100
49 147.4 114.4 171.6
51 44.0 35.3 52.9
86 55.9 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.314 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY007862.D

Acq: 11 Mar 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

MB-B1-030922-0-1

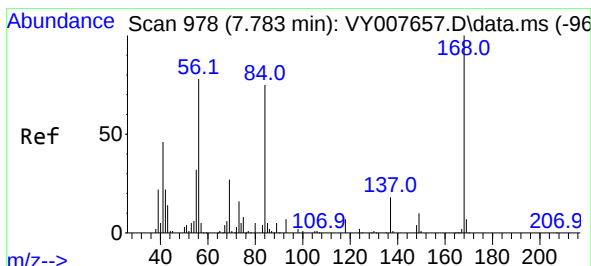
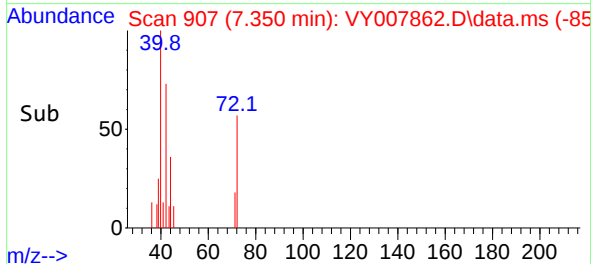
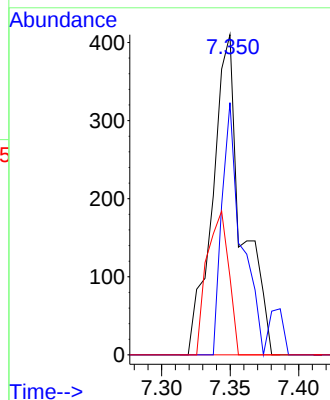
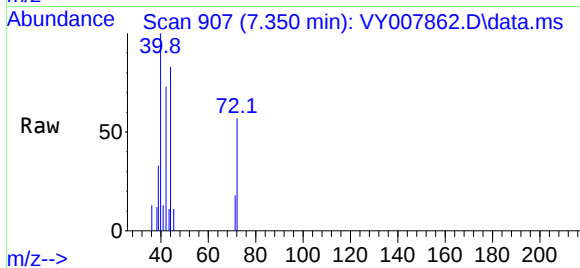
Tgt Ion: 42 Resp: 611

Ion Ratio Lower Upper

42 100

72 52.0 30.3 45.5#

71 33.4 29.0 43.4



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007862.D

Acq: 11 Mar 2022 18:10

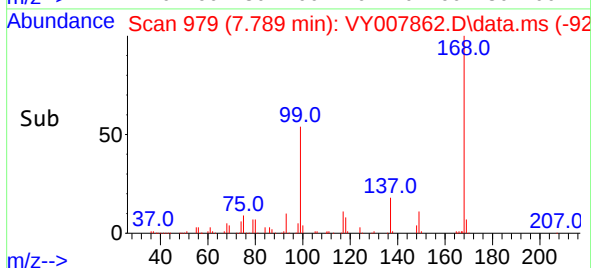
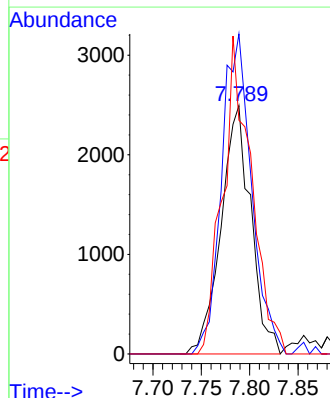
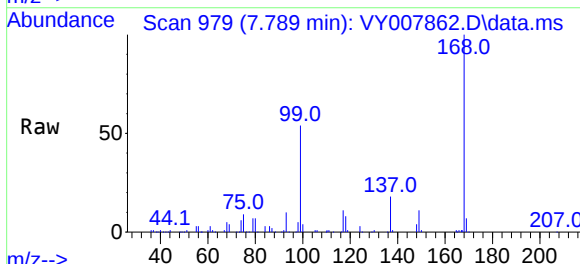
Tgt Ion: 56 Resp: 5339

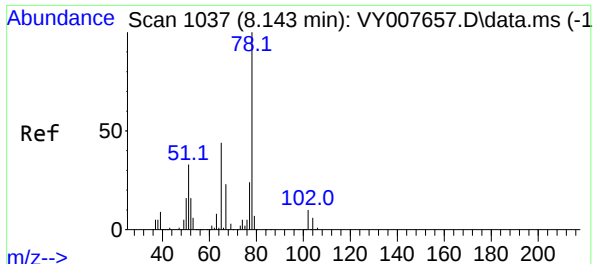
Ion Ratio Lower Upper

56 100

69 128.8 26.7 40.1#

84 94.1 67.2 100.8





#33

1,2-Dichloroethane-d4

Concen: 63.445 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY007862.D

Acq: 11 Mar 2022 18:10

Instrument :

MSVOA_Y

ClientSampleId :

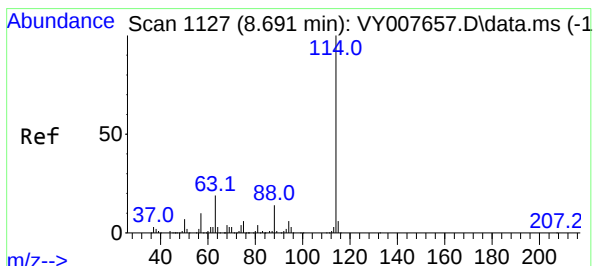
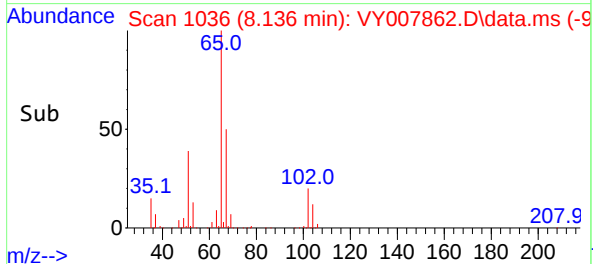
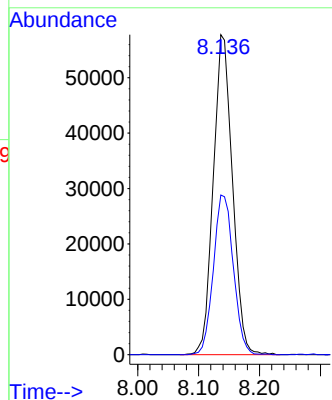
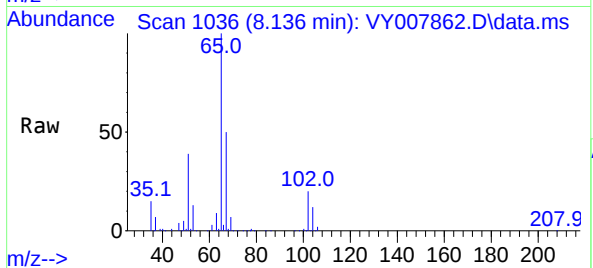
MB-B1-030922-0-1

Tgt Ion: 65 Resp: 126310

Ion Ratio Lower Upper

65 100

67 52.0 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: VY007862.D

Acq: 11 Mar 2022 18:10

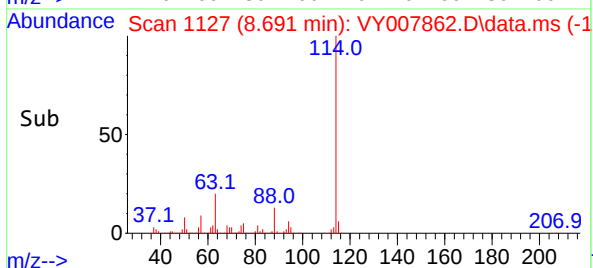
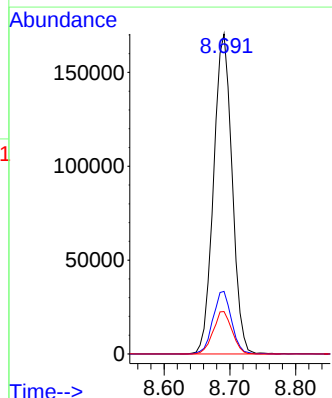
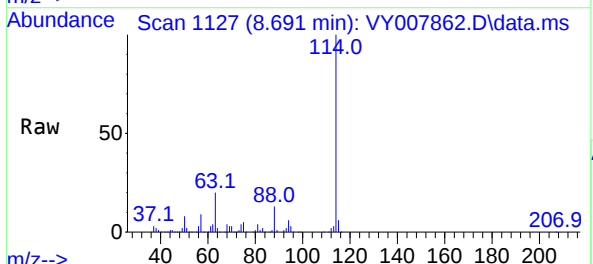
Tgt Ion: 114 Resp: 333855

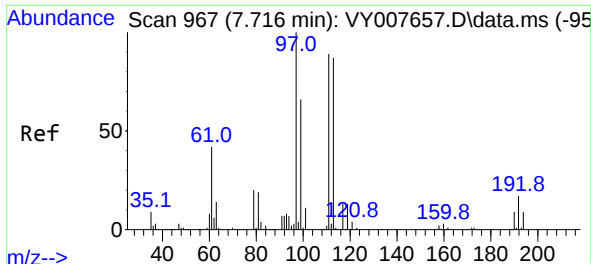
Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.3 0.0 31.8

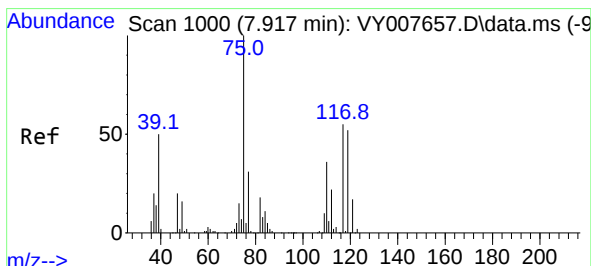
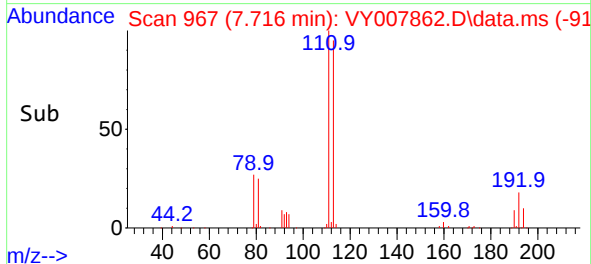
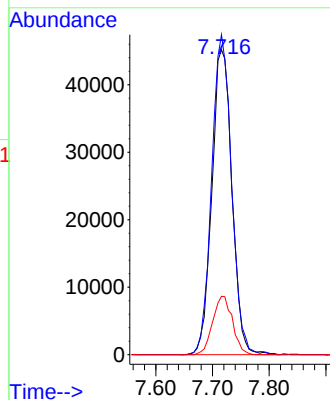
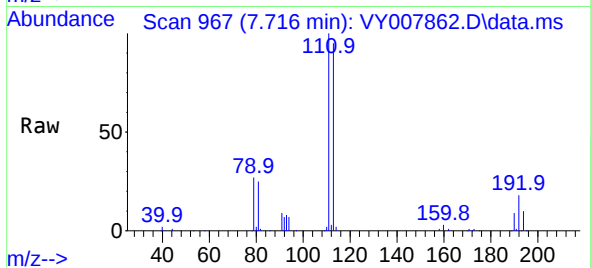




#35
Dibromofluoromethane
Concen: 52.027 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

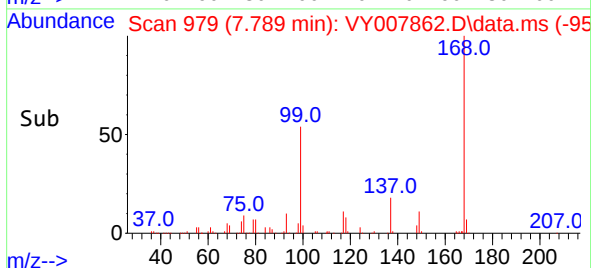
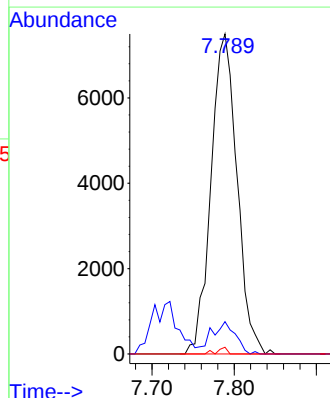
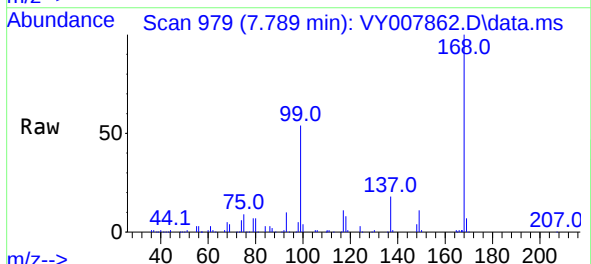
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

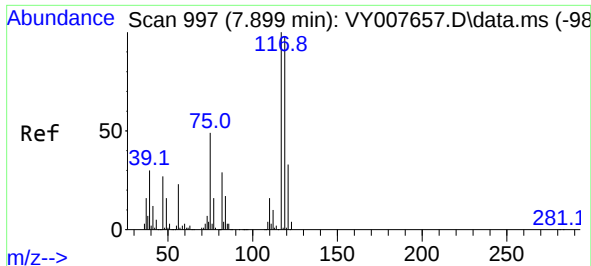
Tgt Ion:113 Resp: 111048
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 75 Resp: 16480
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.2#
77 0.8 24.4 36.6#

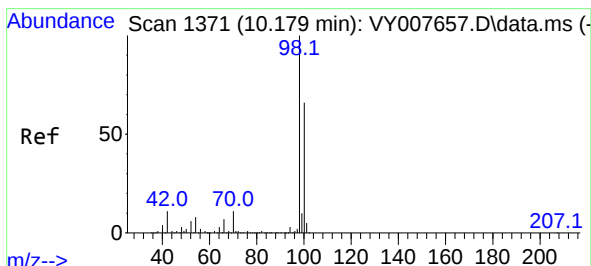
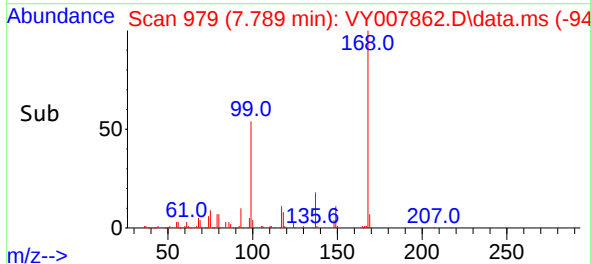
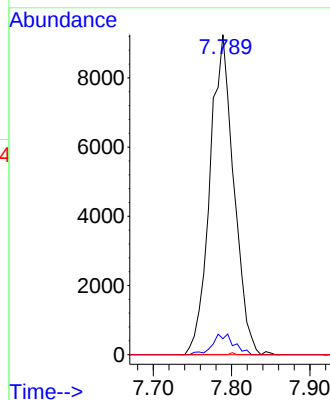
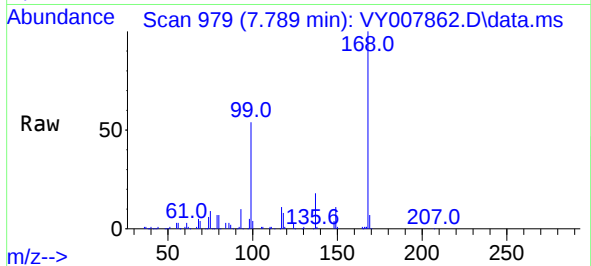




#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

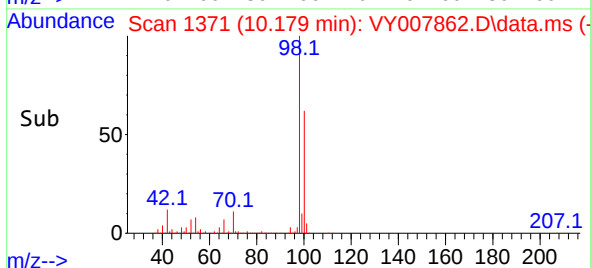
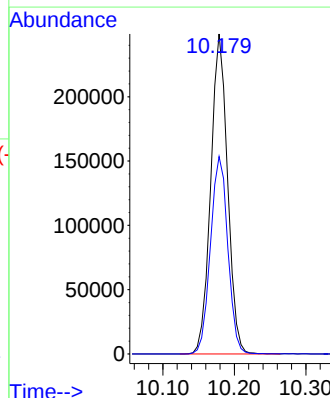
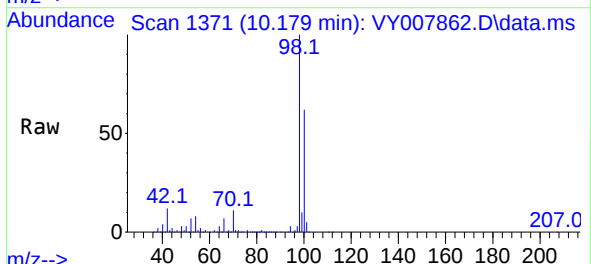
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

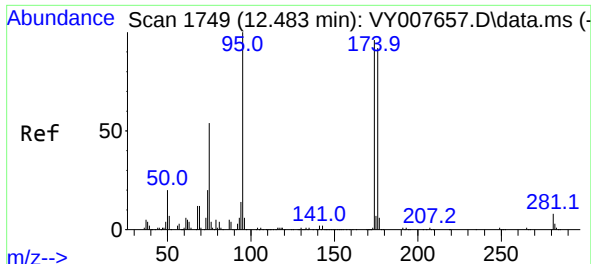
Tgt Ion:117 Resp: 19645
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.663 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 98 Resp: 405913
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

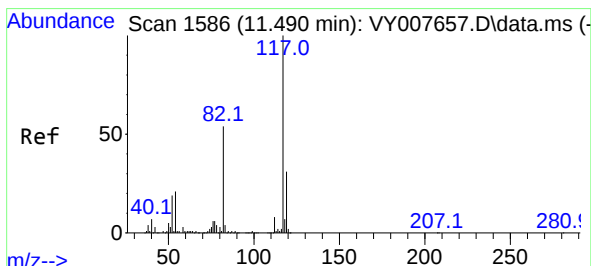
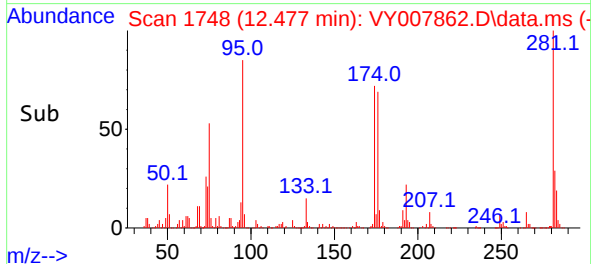
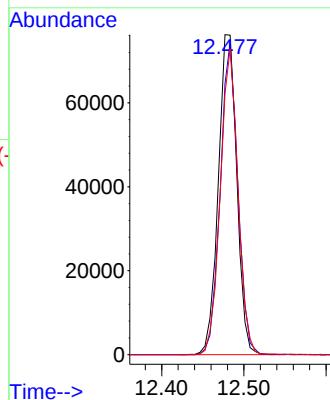
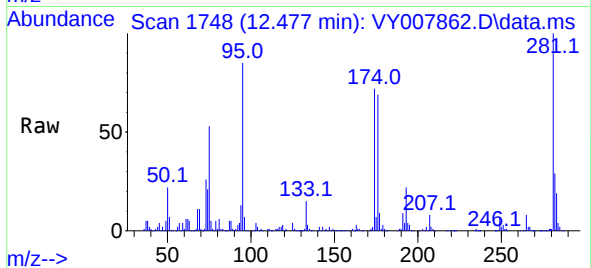




#62
4-Bromofluorobenzene
Concen: 47.102 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

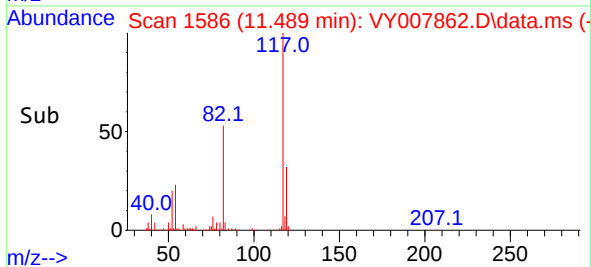
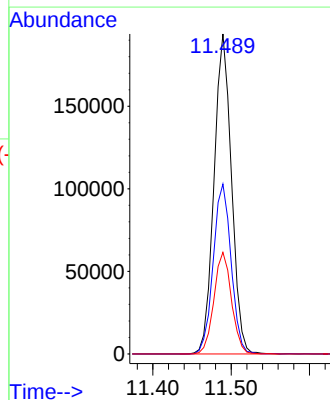
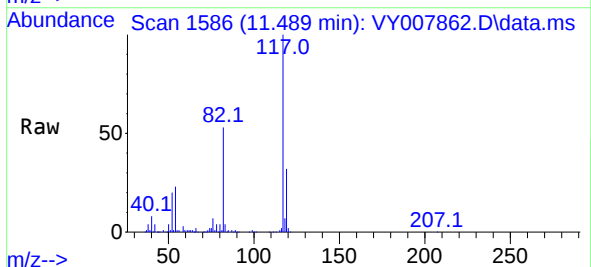
Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1

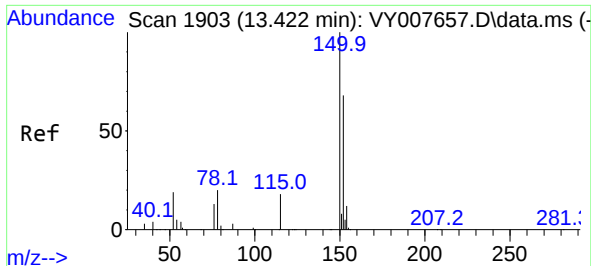
Tgt Ion: 95 Resp: 119294
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 91.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Tgt Ion: 117 Resp: 299703
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 31.7 25.4 38.0

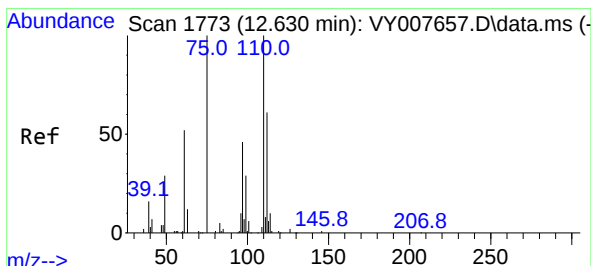
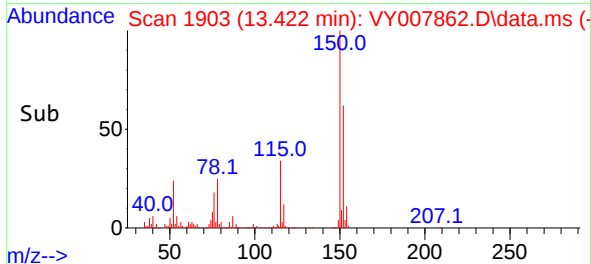
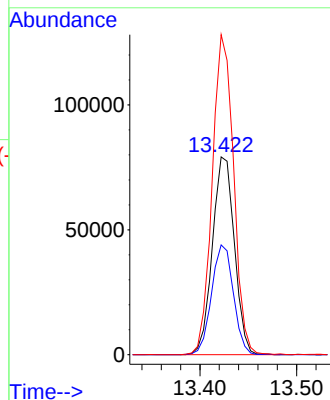
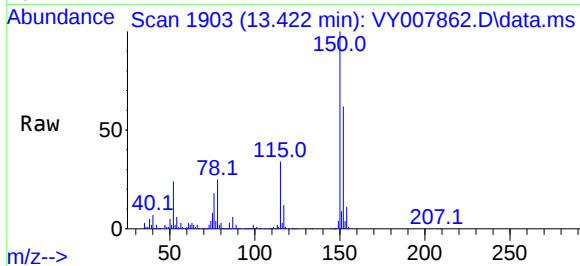




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VY007862.D
 Acq: 11 Mar 2022 18:10

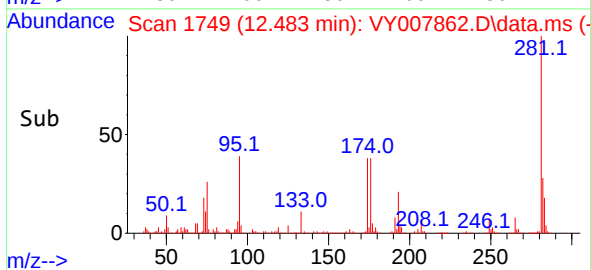
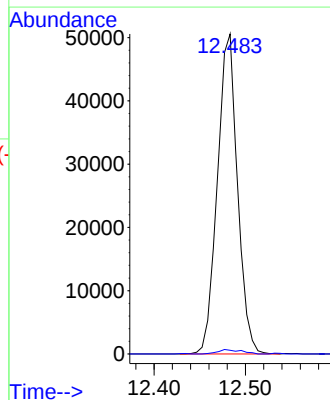
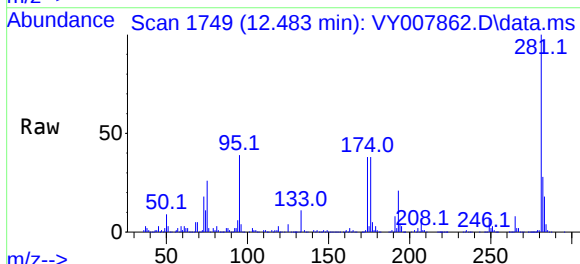
Instrument : MSVOA_Y
 ClientSampleId : MB-B1-030922-0-1

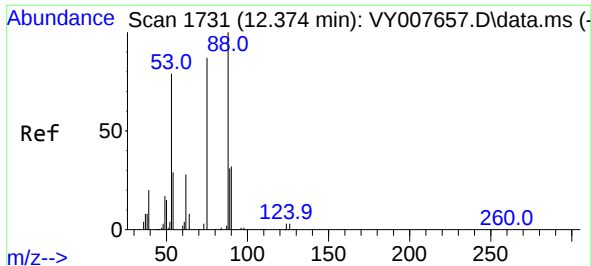
Tgt Ion:152 Resp: 125134
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.322 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007862.D
 Acq: 11 Mar 2022 18:10

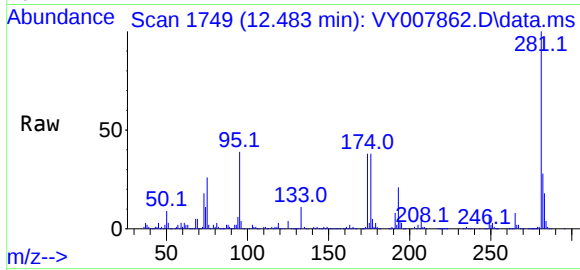
Tgt Ion: 75 Resp: 77310
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 113.099 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007862.D
Acq: 11 Mar 2022 18:10

Instrument :
MSVOA_Y
ClientSampleId :
MB-B1-030922-0-1



Tgt Ion: 75 Resp: 77310
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 2.8 37.0 55.4#

