

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007860.D
 Acq On : 11 Mar 2022 17:23
 Operator : SY/MD
 Sample : N1864-06
 Misc : 6.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-5-6

Quant Time: Mar 11 23:23:45 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)

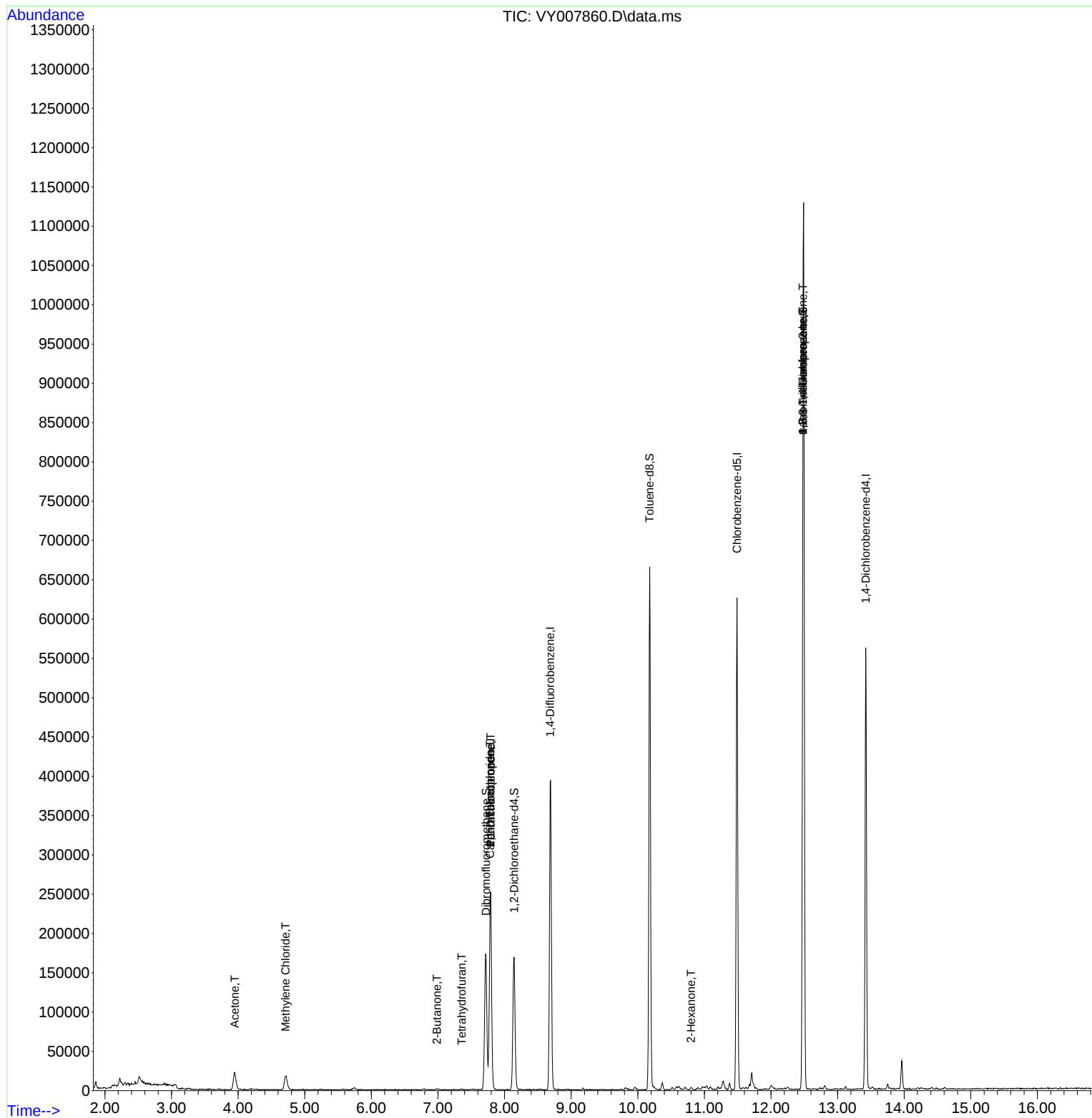
Internal Standards						
1) Pentafluorobenzene	7.789	168	187965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	311708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	130812	66.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.960%	
35) Dibromofluoromethane	7.722	113	115758	54.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.920%	
50) Toluene-d8	10.179	98	415451	53.585	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.477	95	128992	51.614	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1092	Below Cal	#	77
16) Acetone	3.948	43	38836	97.015	ug/l	97
17) Carbon Disulfide	4.198	76	531	Below Cal	#	75
18) Methyl Acetate	4.473	43	27	Below Cal	#	56
20) Methylene Chloride	4.710	84	11470	1.776	ug/l	95
25) 2-Butanone	6.984	43	1747	2.602	ug/l	91
29) Tetrahydrofuran	7.356	42	694	1.510	ug/l	# 41
31) Cyclohexane	7.789	56	4386	Below Cal	#	6
36) 1,1-Dichloropropene	7.789	75	16193	4.887	ug/l	# 42
38) Carbon Tetrachloride	7.783	117	19622	5.552	ug/l	# 14
59) 2-Hexanone	10.801	43	1429	1.172	ug/l	# 28
76) 1,2,3-Trichloropropane	12.477	75	80212	53.997	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	80212	110.389	ug/l	# 9

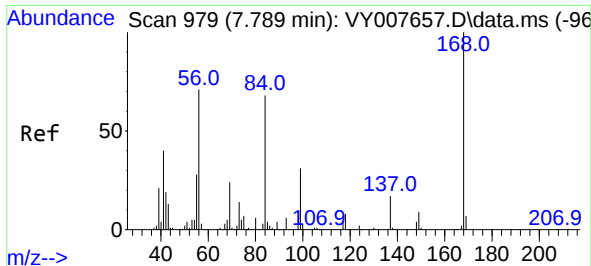
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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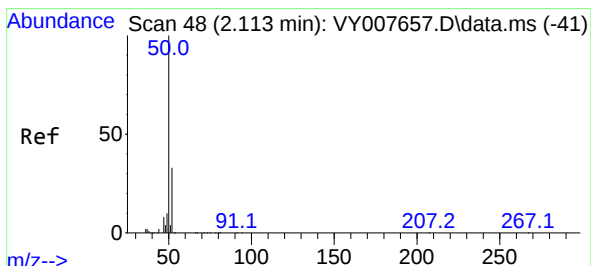
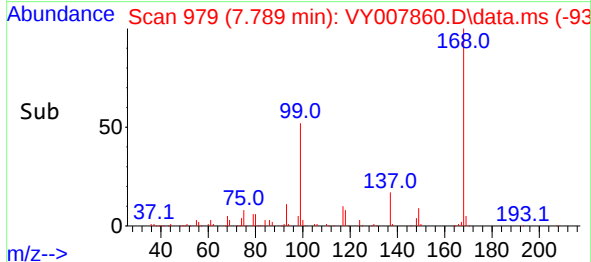
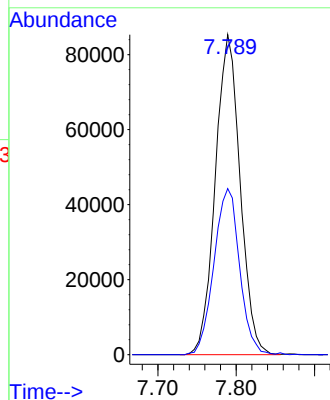
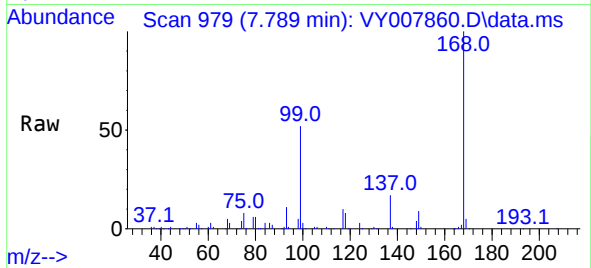




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

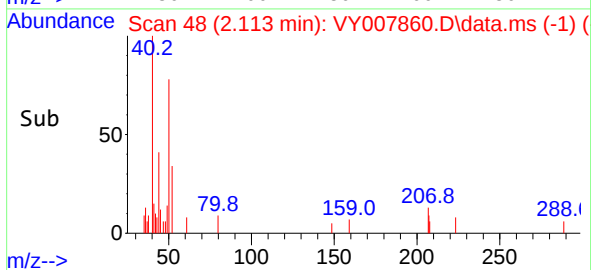
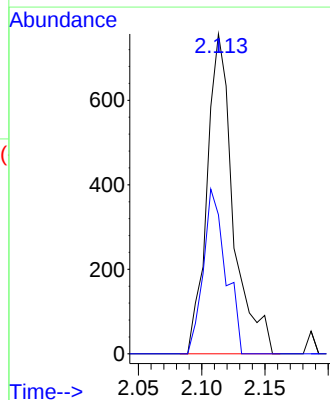
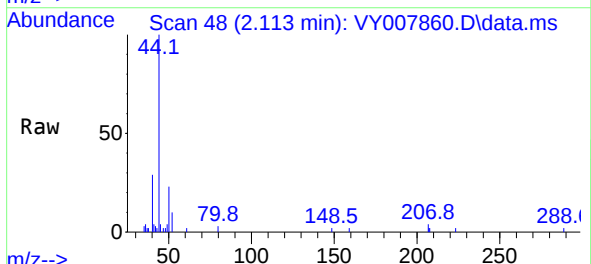
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6

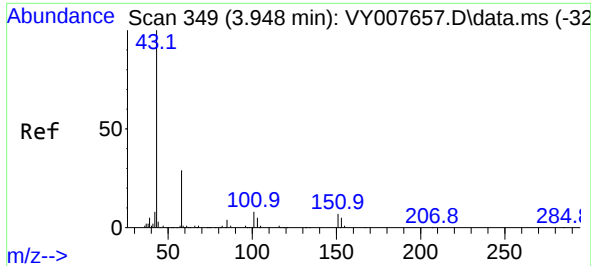
Tgt Ion:168 Resp: 187965
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

Tgt Ion: 50 Resp: 1092
Ion Ratio Lower Upper
50 100
52 43.5 24.6 37.0#





#16

Acetone

Concen: 97.015 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY007860.D

Acq: 11 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

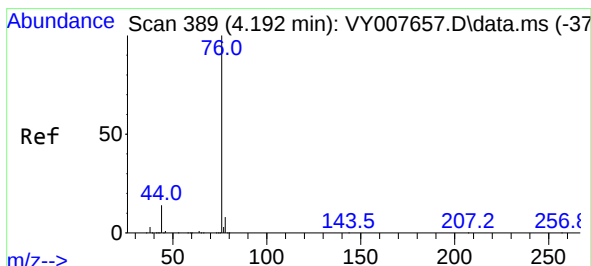
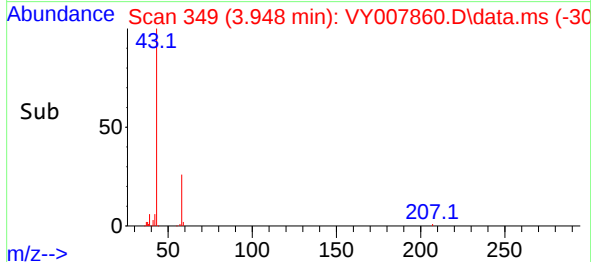
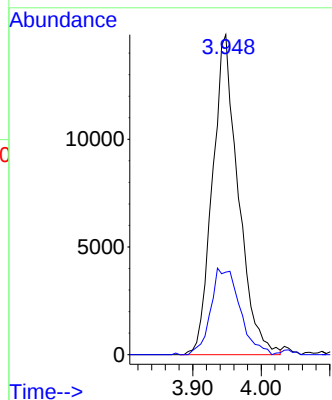
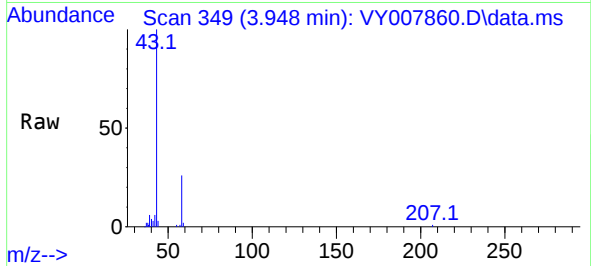
MB-B2-030922-5-6

Tgt Ion: 43 Resp: 38836

Ion Ratio Lower Upper

43 100

58 25.8 22.0 33.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.198 min Scan# 390

Delta R.T. 0.006 min

Lab File: VY007860.D

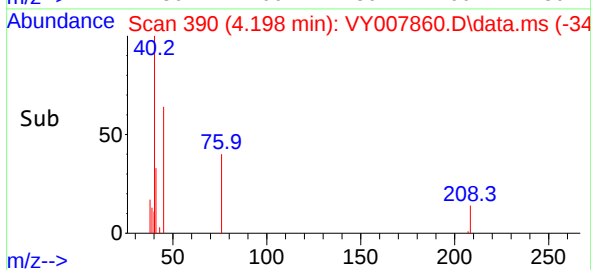
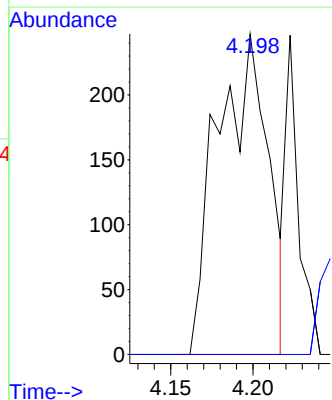
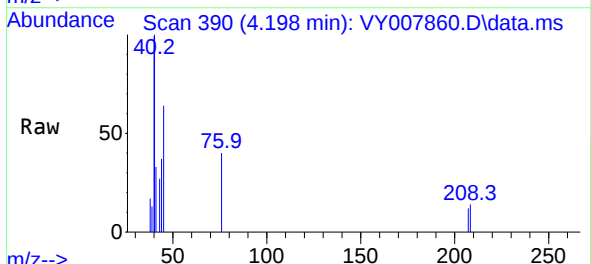
Acq: 11 Mar 2022 17:23

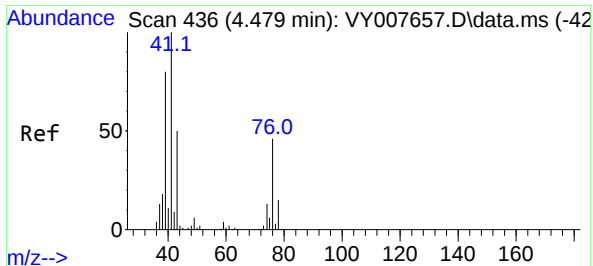
Tgt Ion: 76 Resp: 531

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

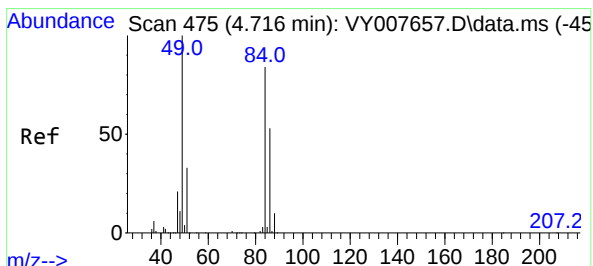
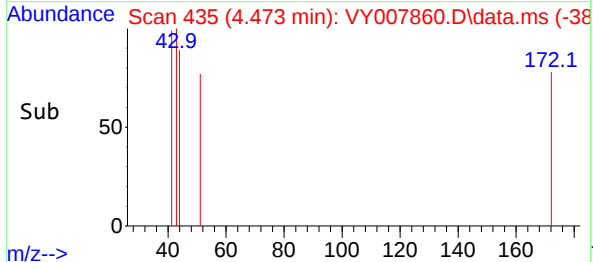
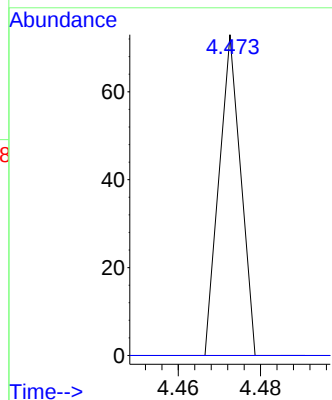
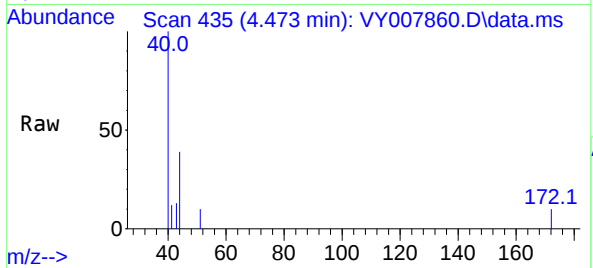




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

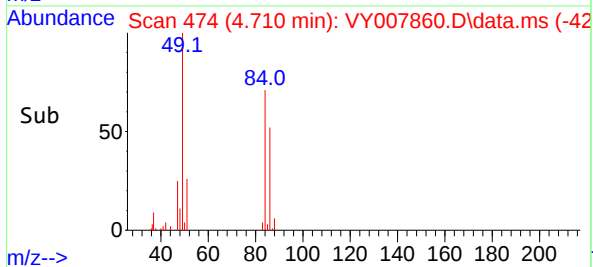
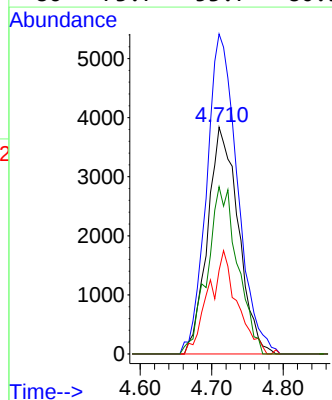
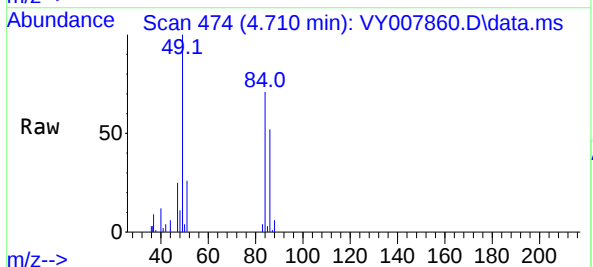
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6

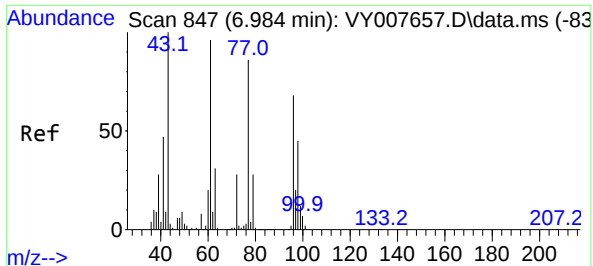
Tgt Ion: 43 Resp: 27
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.776 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

Tgt Ion: 84 Resp: 11470
Ion Ratio Lower Upper
84 100
49 141.2 114.4 171.6
51 36.9 35.3 52.9
86 73.7 53.7 80.5





#25

2-Butanone

Concen: 2.602 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY007860.D

Acq: 11 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

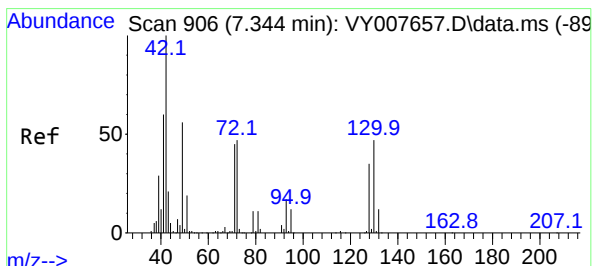
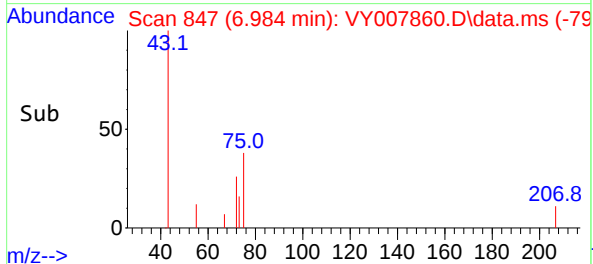
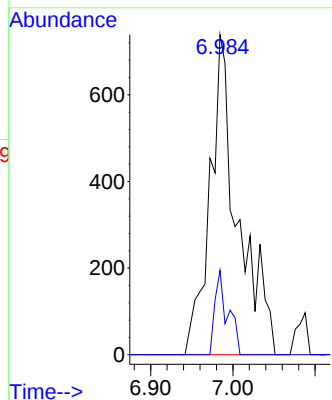
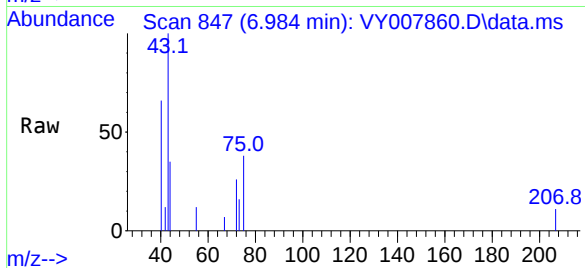
MB-B2-030922-5-6

Tgt Ion: 43 Resp: 1747

Ion Ratio Lower Upper

43 100

72 26.4 17.7 26.5



#29

Tetrahydrofuran

Concen: 1.510 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY007860.D

Acq: 11 Mar 2022 17:23

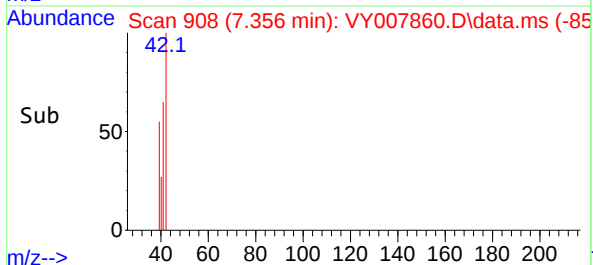
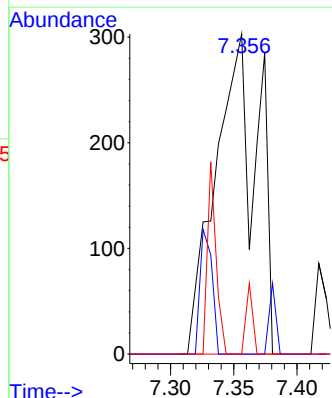
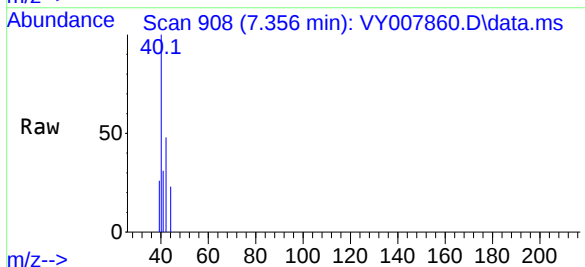
Tgt Ion: 42 Resp: 694

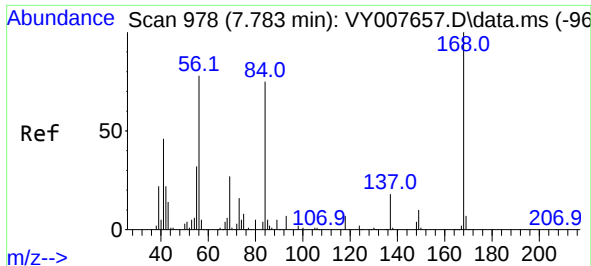
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 3.5 29.0 43.4#

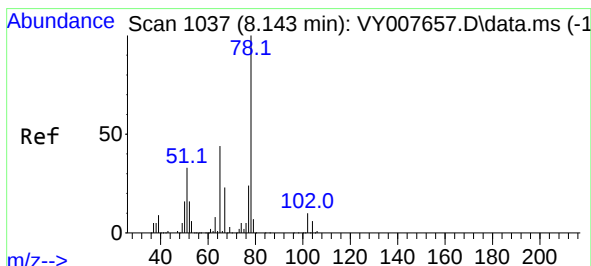
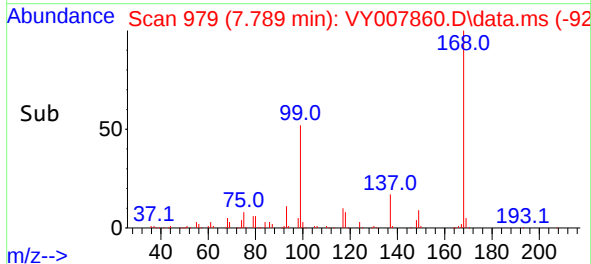
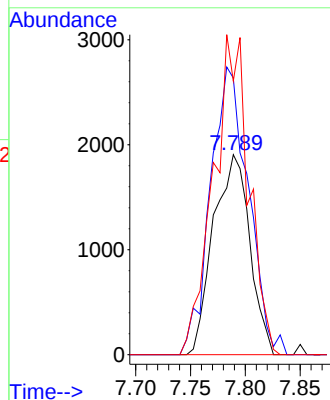
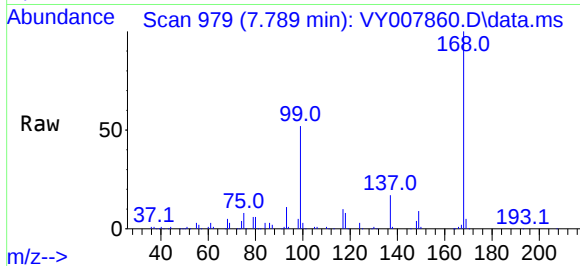




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

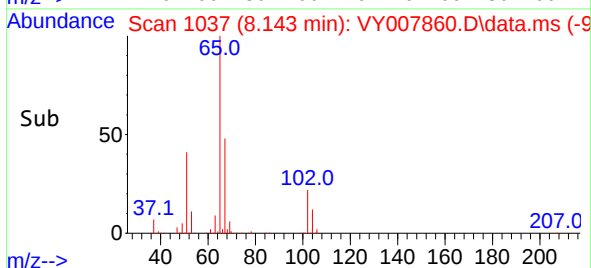
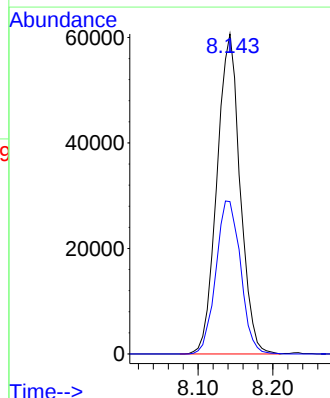
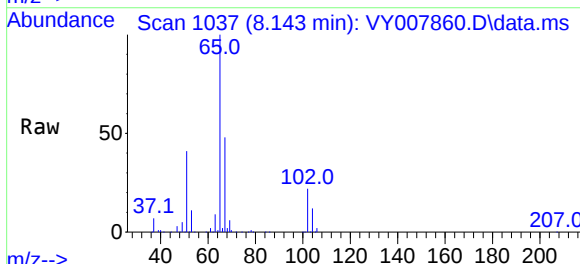
Instrument :
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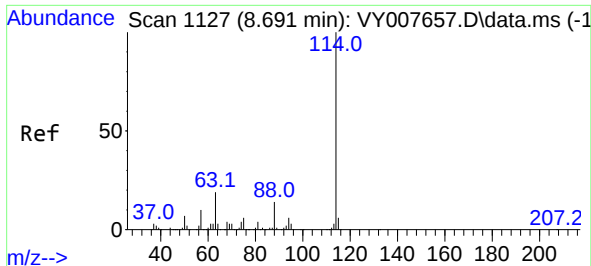
Tgt Ion: 56 Resp: 4386
Ion Ratio Lower Upper
56 100
69 138.3 26.7 40.1#
84 136.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.476 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

Tgt Ion: 65 Resp: 130812
Ion Ratio Lower Upper
65 100
67 50.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007860.D

Acq: 11 Mar 2022 17:23

Instrument :

MSVOA_Y

ClientSampleId :

MB-B2-030922-5-6

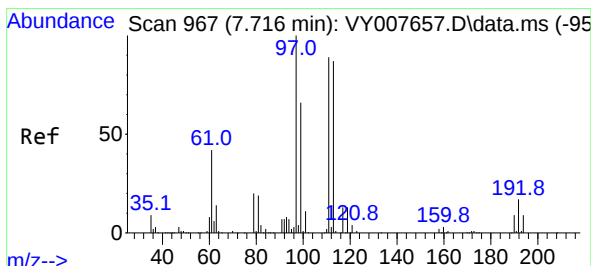
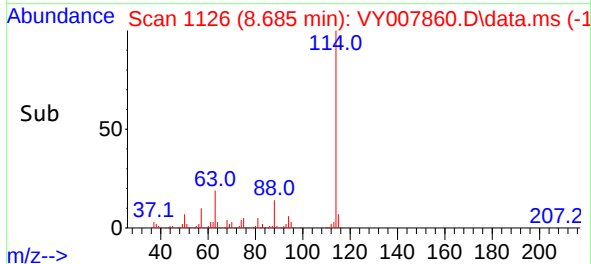
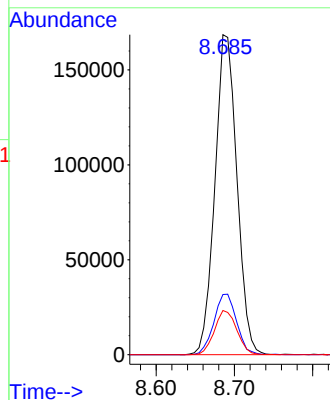
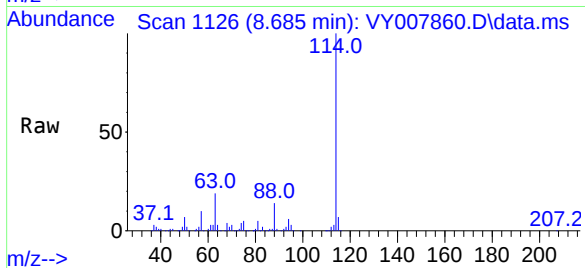
Tgt Ion:114 Resp: 329444

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.960 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007860.D

Acq: 11 Mar 2022 17:23

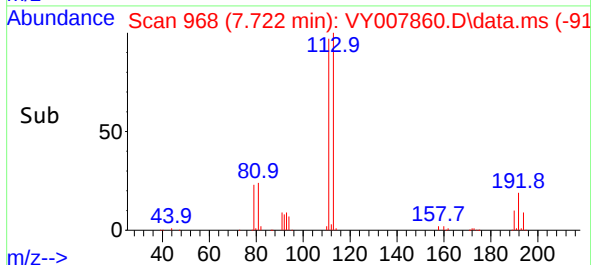
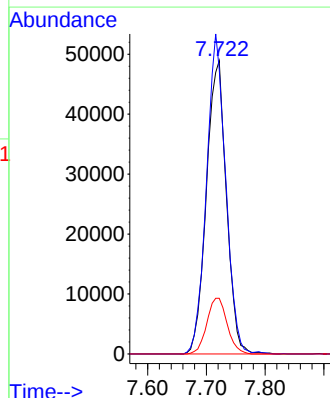
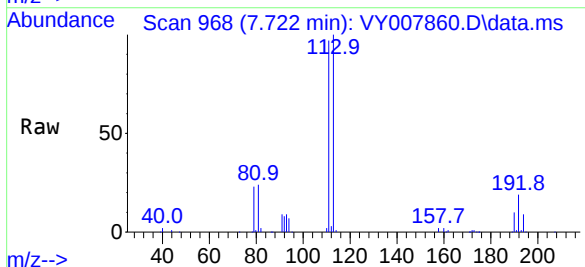
Tgt Ion:113 Resp: 115758

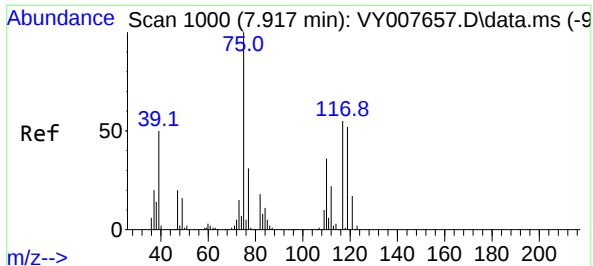
Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.887 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007860.D

Acq: 11 Mar 2022 17:23

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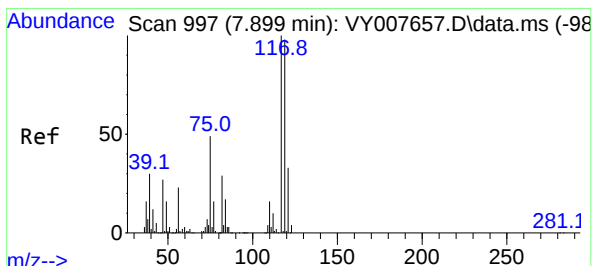
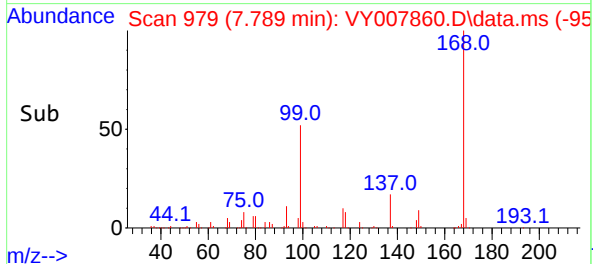
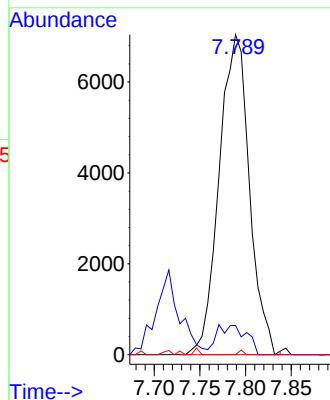
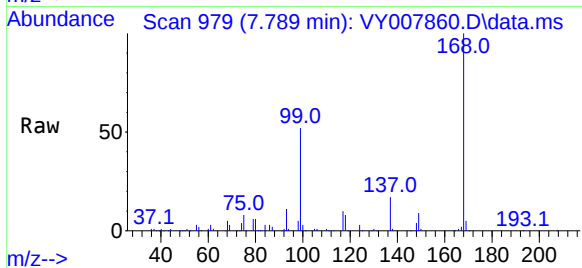
Tgt Ion: 75 Resp: 16193

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.2 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.552 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY007860.D

Acq: 11 Mar 2022 17:23

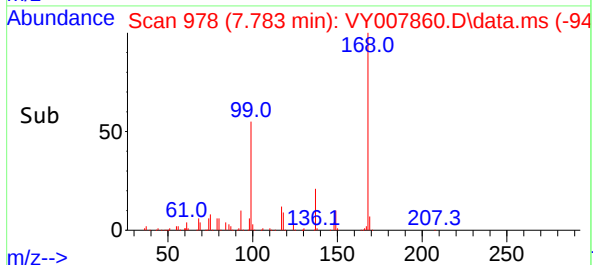
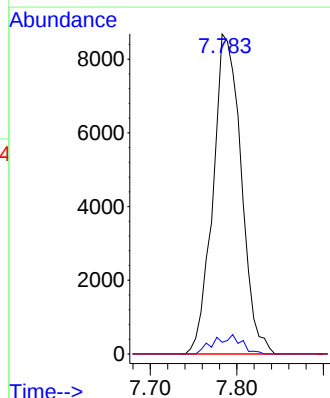
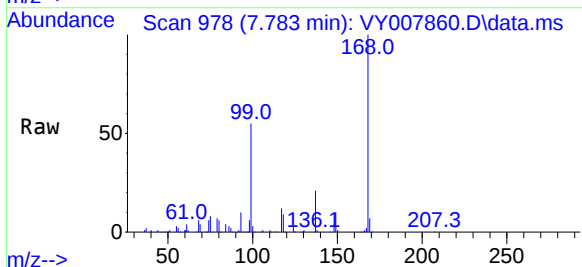
Tgt Ion: 117 Resp: 19622

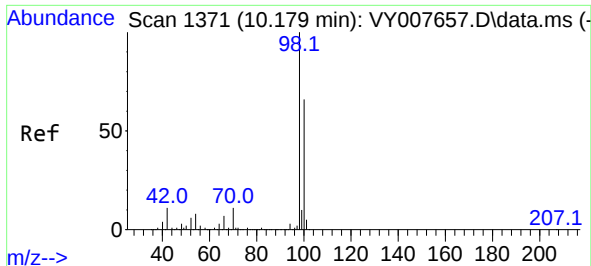
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#

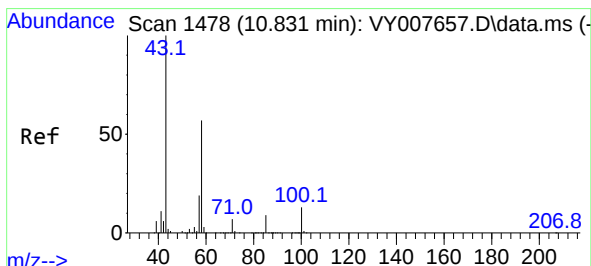
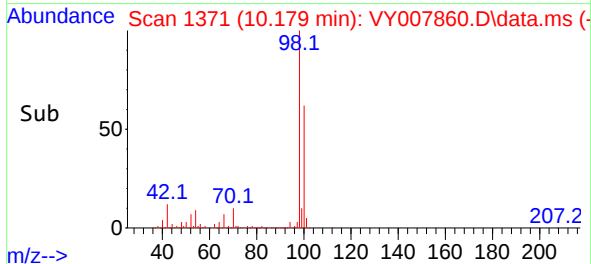
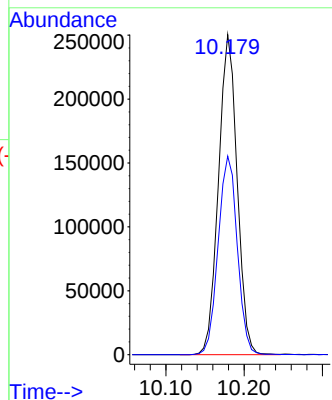
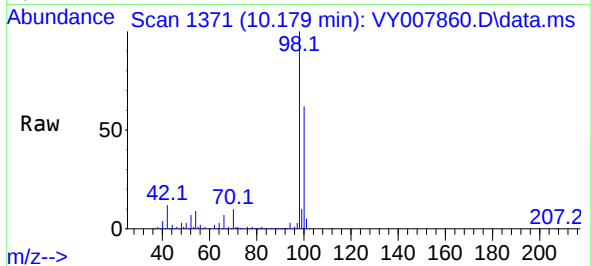




#50
Toluene-d8
Concen: 53.585 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

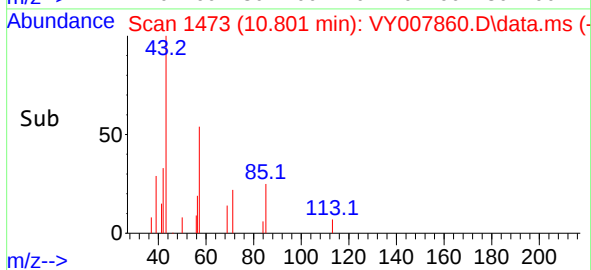
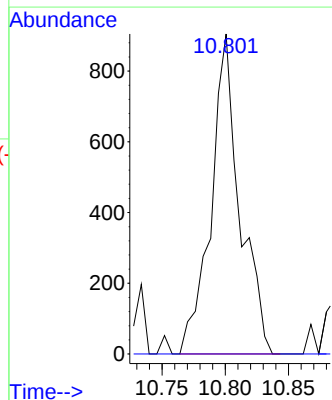
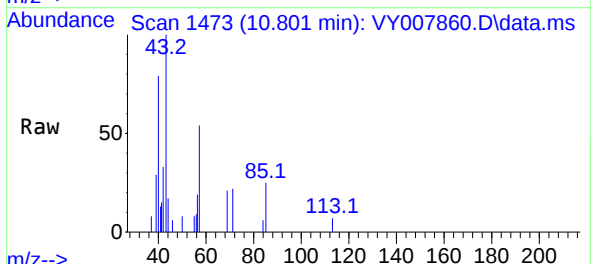
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6

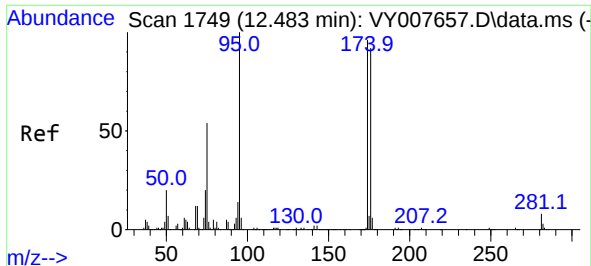
Tgt Ion: 98 Resp: 415451
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#59
2-Hexanone
Concen: 1.172 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

Tgt Ion: 43 Resp: 1429
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

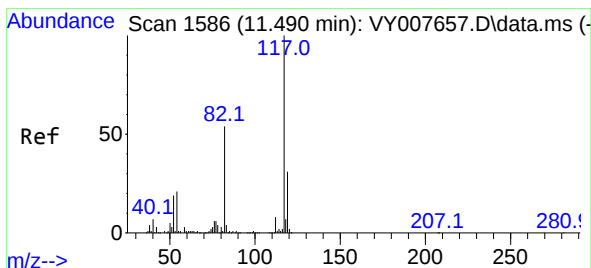
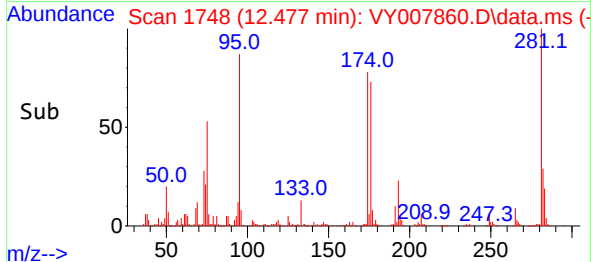
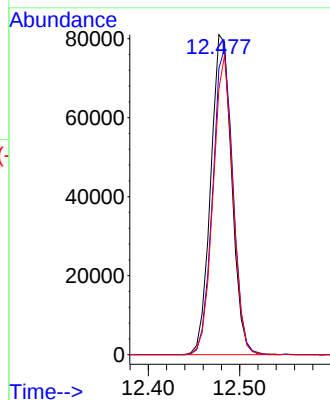
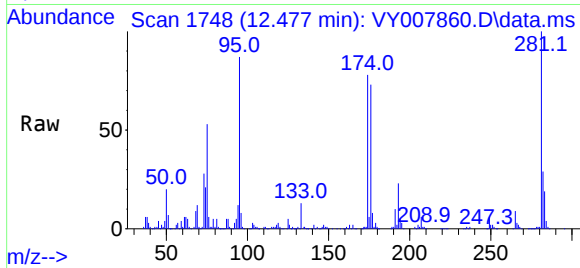




#62
4-Bromofluorobenzene
Concen: 51.614 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

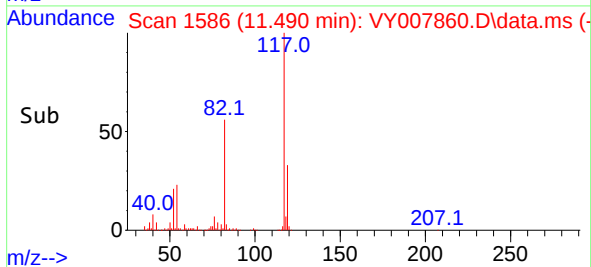
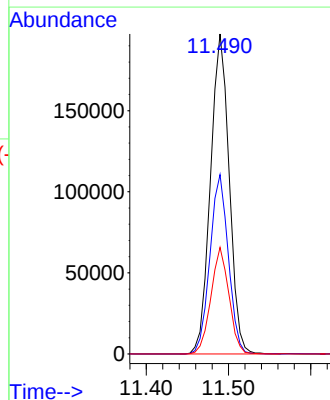
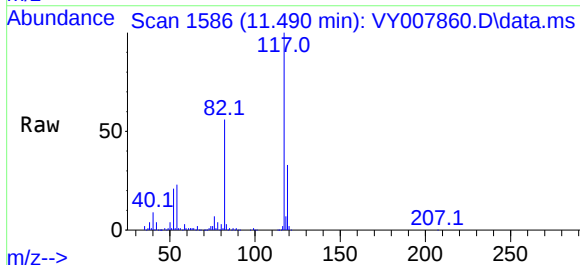
Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6

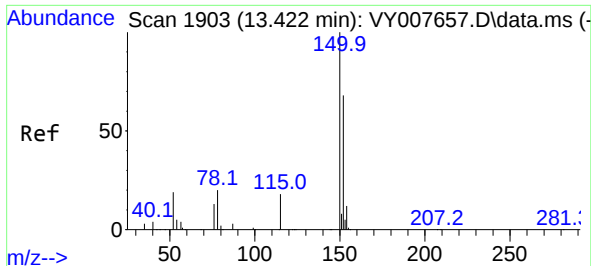
Tgt Ion: 95 Resp: 128992
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 88.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007860.D
Acq: 11 Mar 2022 17:23

Tgt Ion: 117 Resp: 311708
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 33.3 25.4 38.0



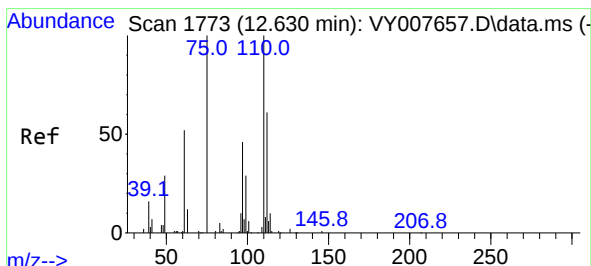
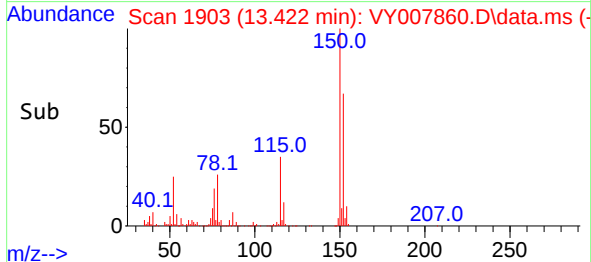
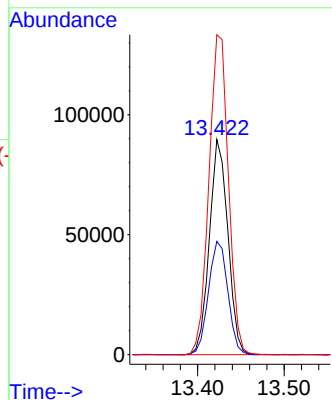
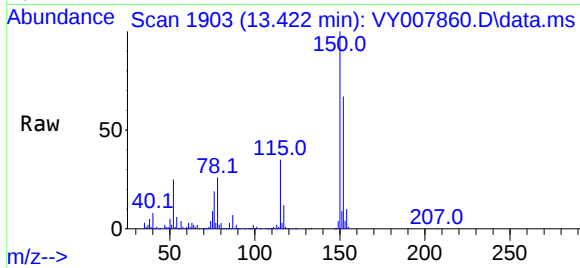


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007860.D
 Acq: 11 Mar 2022 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-5-6

Tgt Ion:152 Resp: 133018

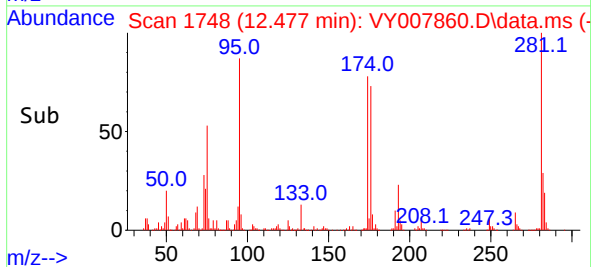
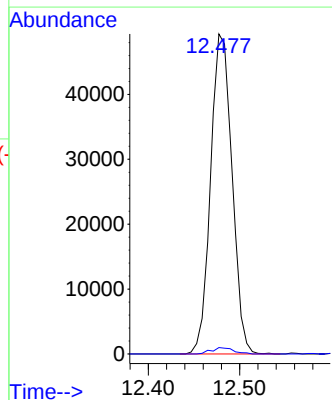
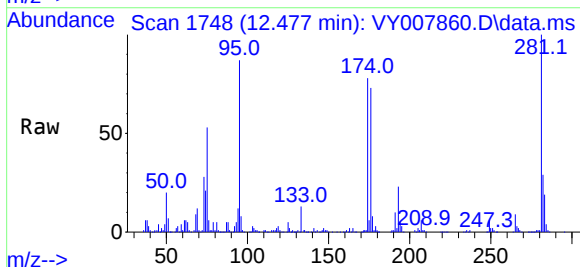
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.2	84.7
150	156.7	0.0	347.6

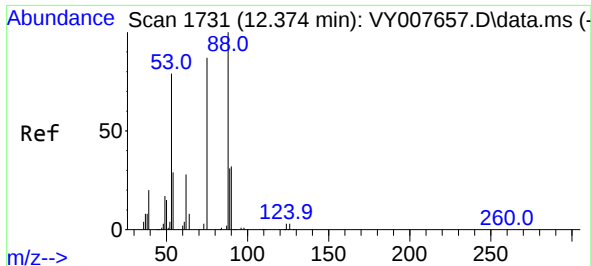


#76
 1,2,3-Trichloropropane
 Concen: 53.997 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY007860.D
 Acq: 11 Mar 2022 17:23

Tgt Ion: 75 Resp: 80212

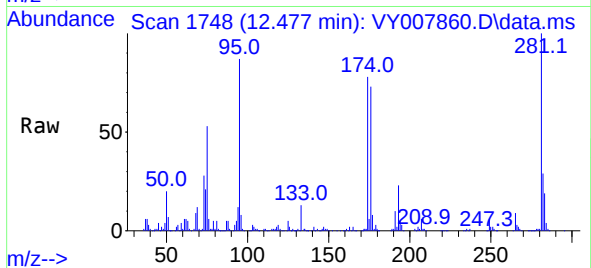
Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.389 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY007860.D
 Acq: 11 Mar 2022 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 MB-B2-030922-5-6



Tgt Ion: 75 Resp: 80212
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 2.6 37.0 55.4#

