

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007648.D
 Acq On : 25 Feb 2022 19:42
 Operator : SY/MD
 Sample : N1681-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-2FT

Quant Time: Feb 27 23:59:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

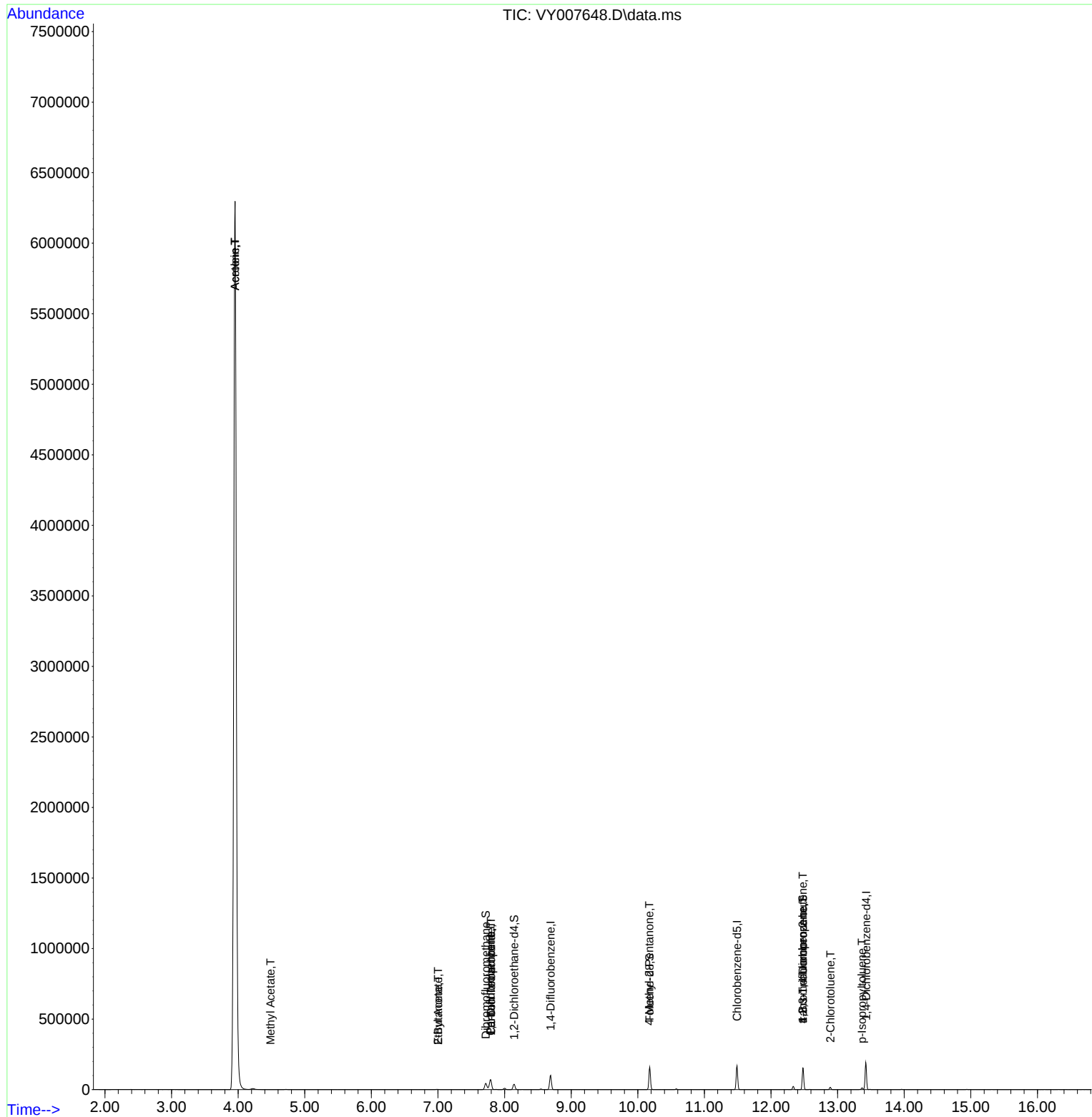
Internal Standards						
1) Pentafluorobenzene	7.789	168	50279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	46910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31272	55.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.820%	
35) Dibromofluoromethane	7.716	113	27369	51.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.700%	
50) Toluene-d8	10.179	98	99502	50.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.477	95	39543	59.243	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.480%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	107	Below Cal	#	4
13) Acrolein	3.954	56	1763	24.490	ug/l #	1
16) Acetone	3.954	43	10745056	84351.623	ug/l #	87
18) Methyl Acetate	4.485	43	313	2.355	ug/l #	56
20) Methylene Chloride	4.722	84	977	Below Cal	#	74
25) 2-Butanone	7.002	43	2932	20.302	ug/l #	68
36) 1,1-Dichloropropene	7.795	75	4136	5.437	ug/l #	48
37) Ethyl Acetate	7.002	43	2932	8.562	ug/l #	72
38) Carbon Tetrachloride	7.795	117	5621	5.046	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	481	1.366	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	25198	53.708	ug/l #	100
79) 2-Chlorotoluene	12.892	91	2340	1.007	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.477	75	25198	115.480	ug/l #	7
86) p-Isopropyltoluene	13.367	119	6875	2.061	ug/l	93

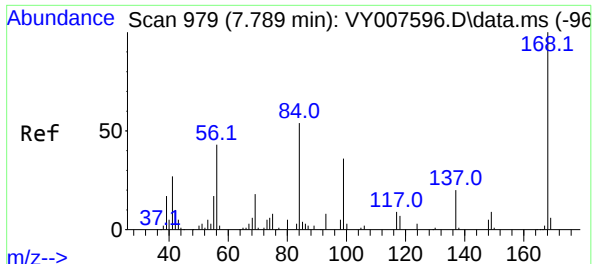
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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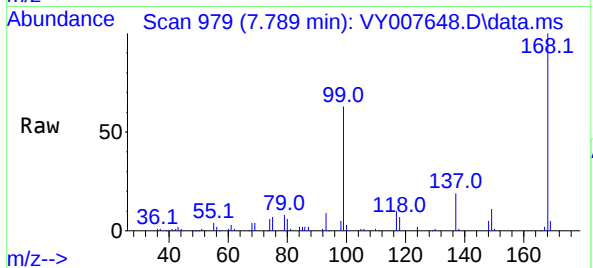
Quant Time: Feb 27 23:59:58 2022
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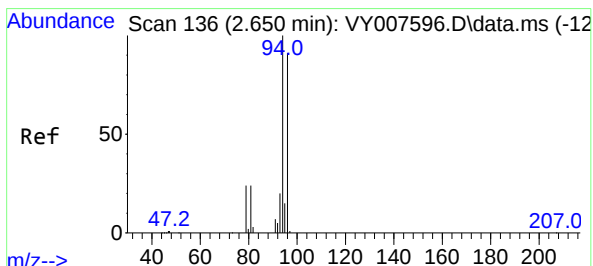
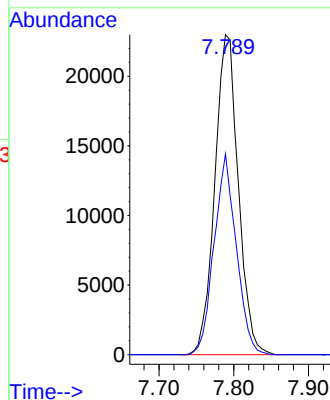
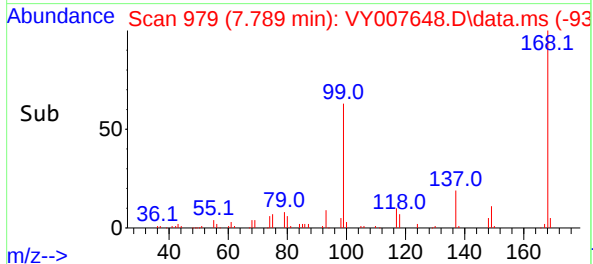


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

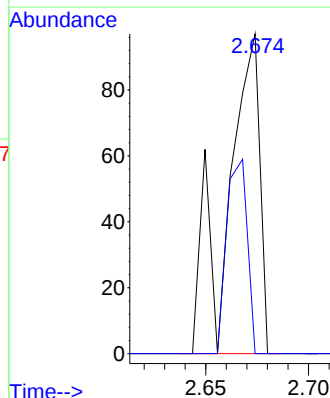
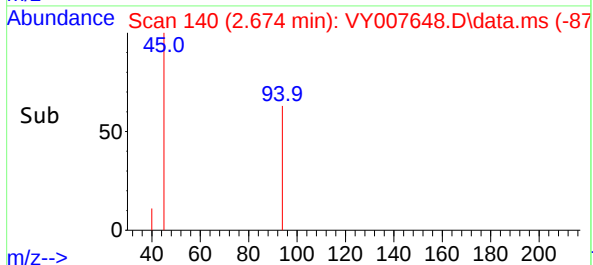
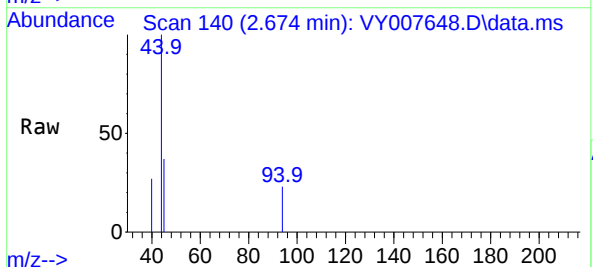


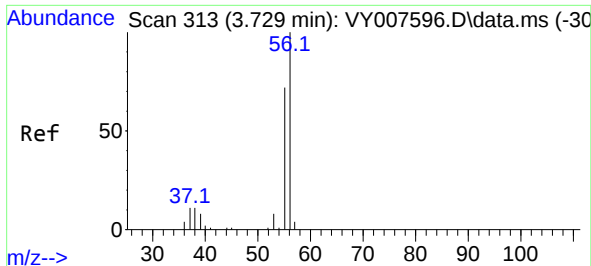
Tgt Ion:168 Resp: 50279
Ion Ratio Lower Upper
168 100
99 62.7 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion: 94 Resp: 107
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#





#13

Acrolein

Concen: 24.490 ug/l

RT: 3.954 min Scan# 313

Delta R.T. 0.225 min

Lab File: VY007648.D

Acq: 25 Feb 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

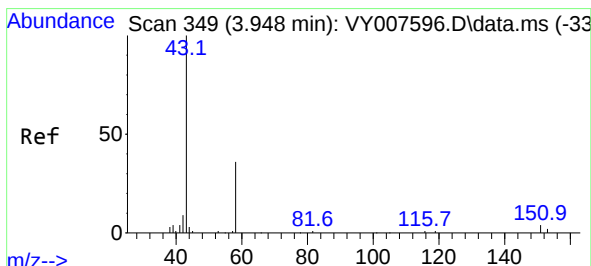
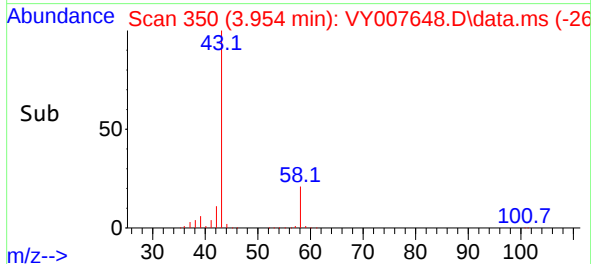
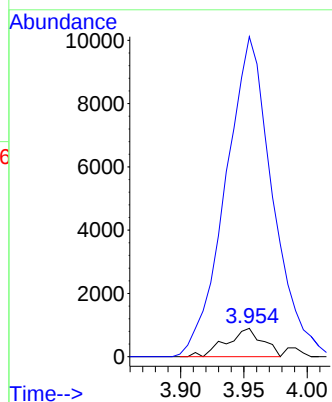
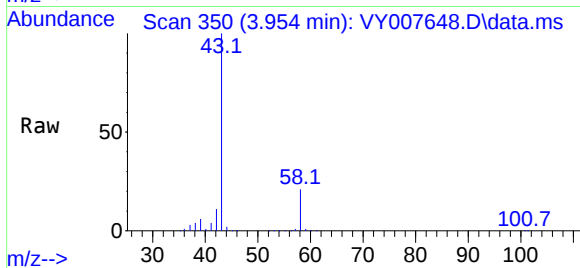
TP-1-2FT

Tgt Ion: 56 Resp: 1763

Ion Ratio Lower Upper

56 100

55 1475.6 57.6 86.4#



#16

Acetone

Concen: 84351.623 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007648.D

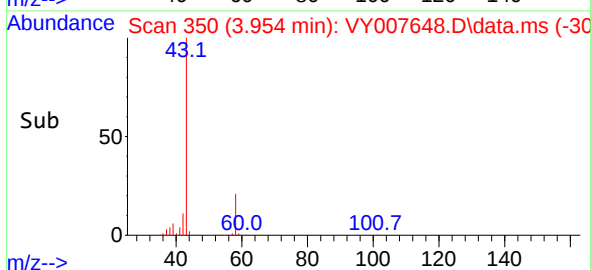
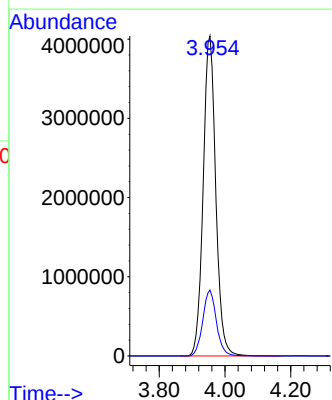
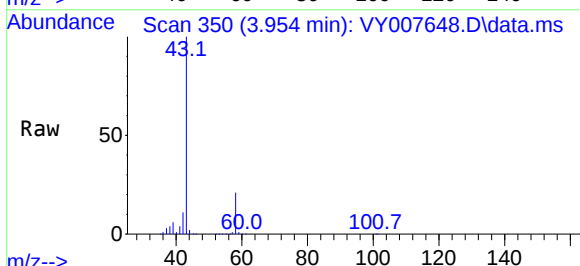
Acq: 25 Feb 2022 19:42

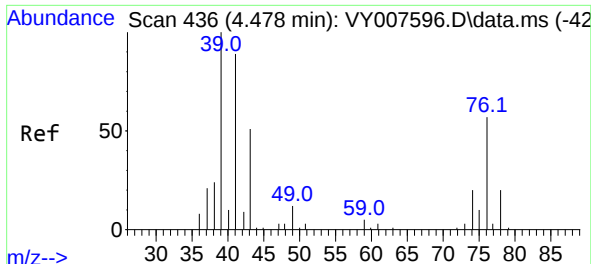
Tgt Ion: 43 Resp:10745056

Ion Ratio Lower Upper

43 100

58 20.6 22.0 33.0#

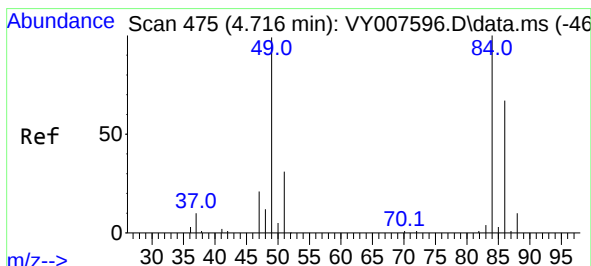
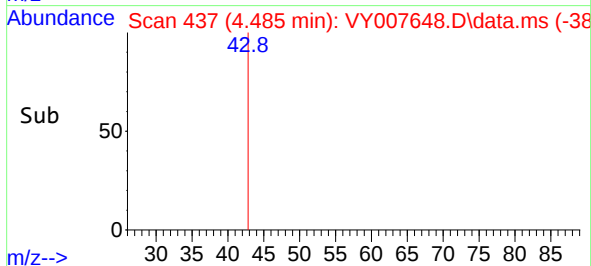
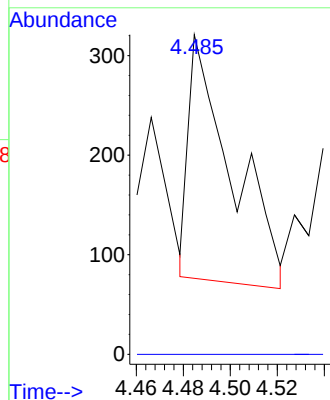
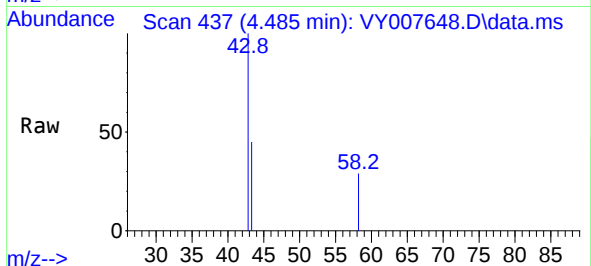




#18
Methyl Acetate
Concen: 2.355 ug/l
RT: 4.485 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

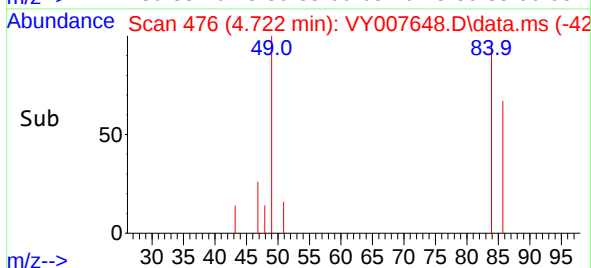
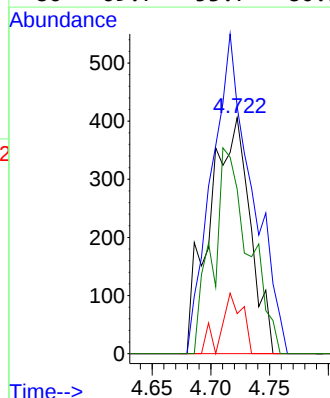
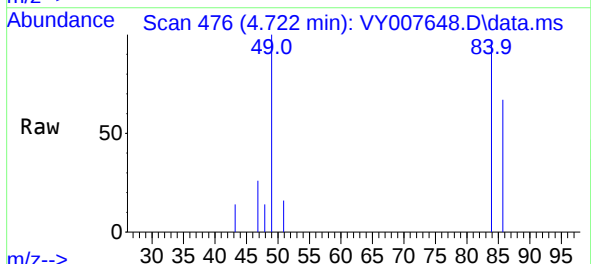
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

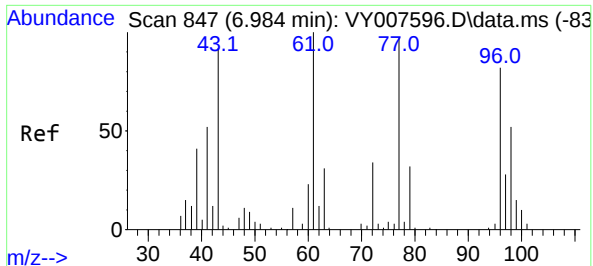
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion: 84 Resp: 977
Ion Ratio Lower Upper
84 100
49 104.7 114.4 171.6#
51 17.0 35.3 52.9#
86 69.7 53.7 80.5





#25

2-Butanone

Concen: 20.302 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY007648.D

Acq: 25 Feb 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

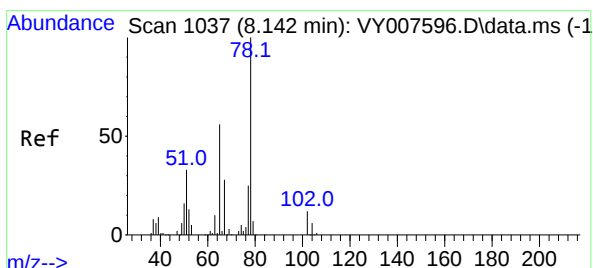
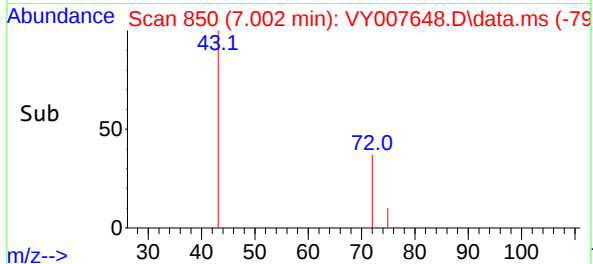
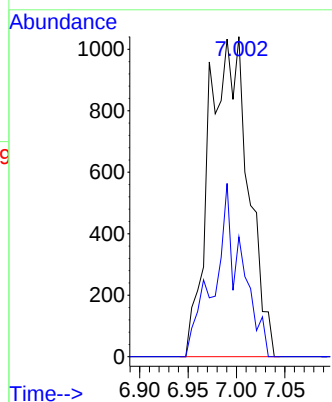
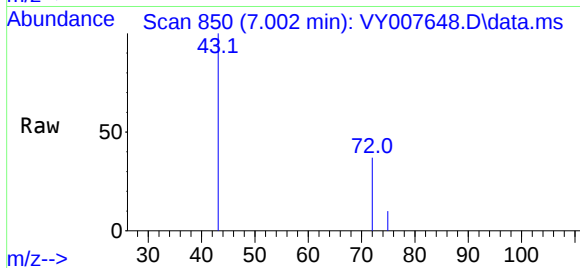
TP-1-2FT

Tgt Ion: 43 Resp: 2932

Ion Ratio Lower Upper

43 100

72 37.5 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 55.910 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY007648.D

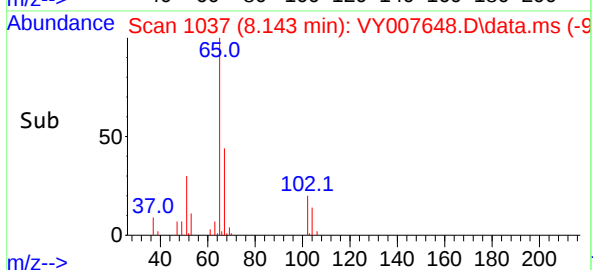
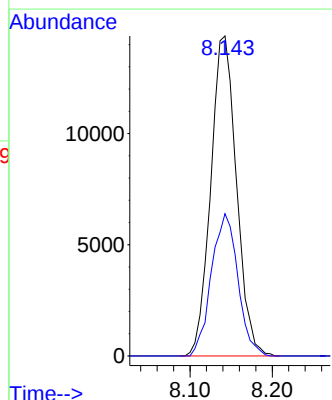
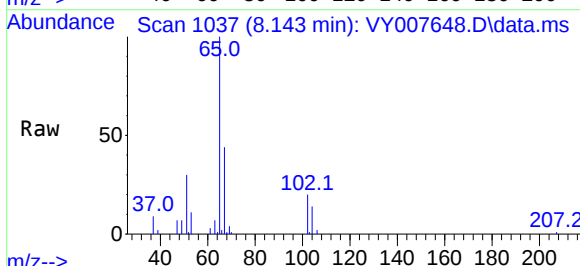
Acq: 25 Feb 2022 19:42

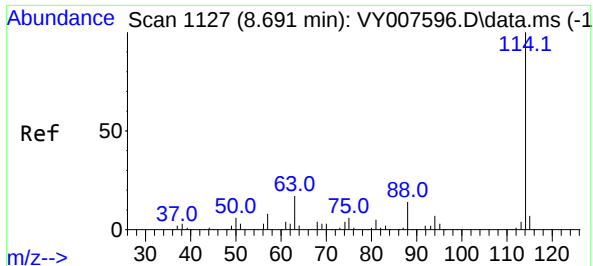
Tgt Ion: 65 Resp: 31272

Ion Ratio Lower Upper

65 100

67 45.8 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: VY007648.D

Acq: 25 Feb 2022 19:42

Instrument :

MSVOA_Y

ClientSampleId :

TP-1-2FT

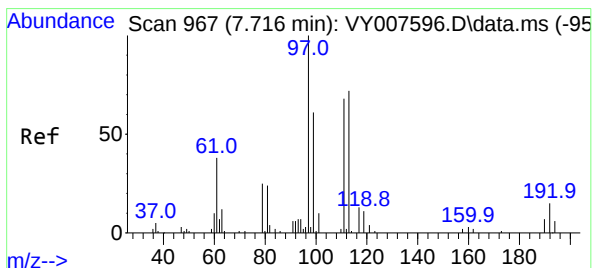
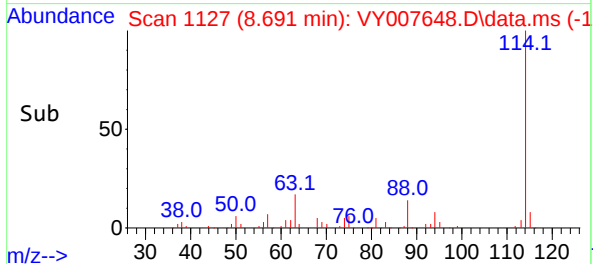
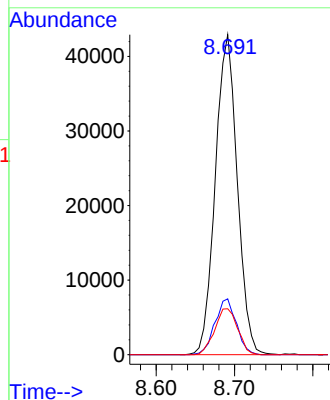
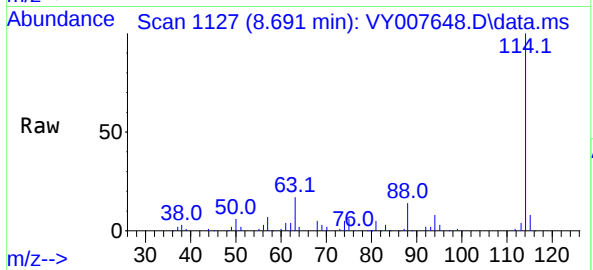
Tgt Ion:114 Resp: 83658

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.848 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007648.D

Acq: 25 Feb 2022 19:42

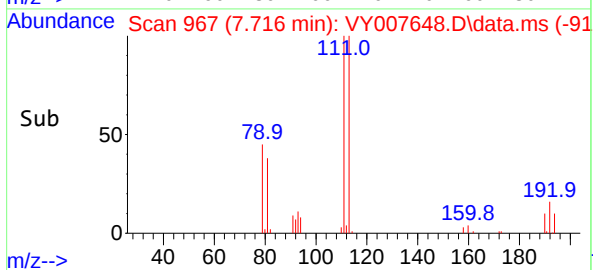
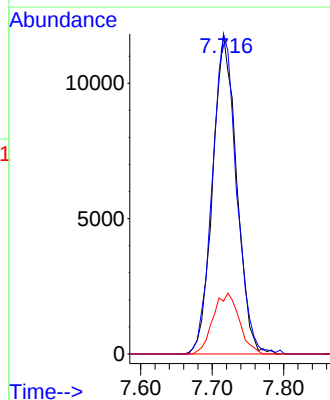
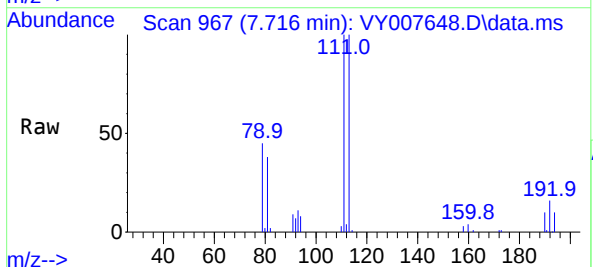
Tgt Ion:113 Resp: 27369

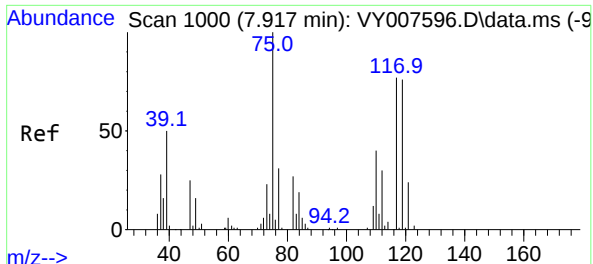
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

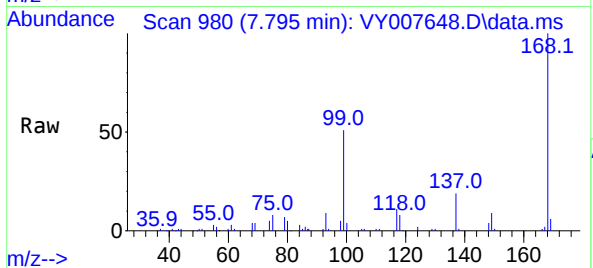
192 20.8 17.6 26.4



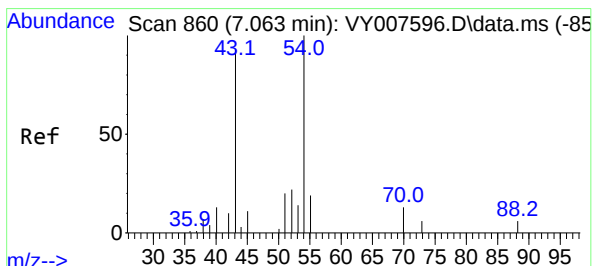
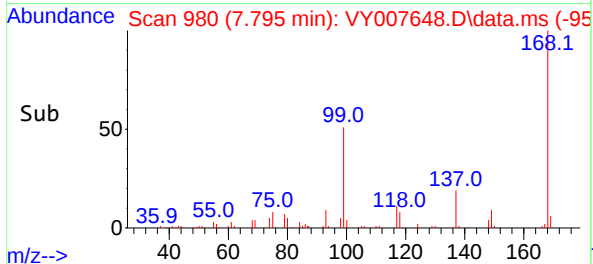
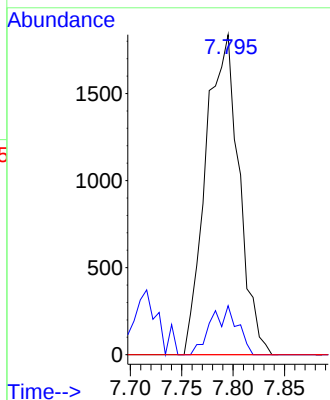


#36
1,1-Dichloropropene
Concen: 5.437 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

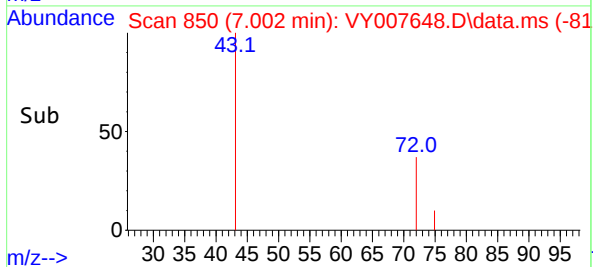
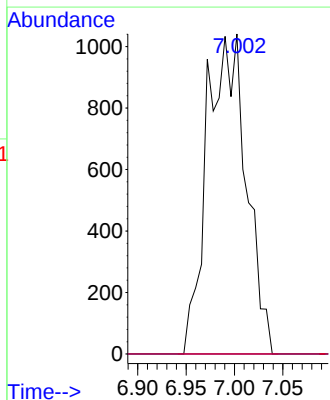
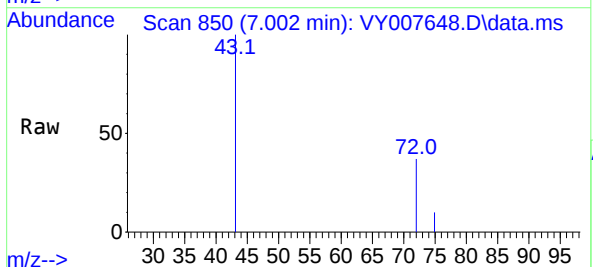


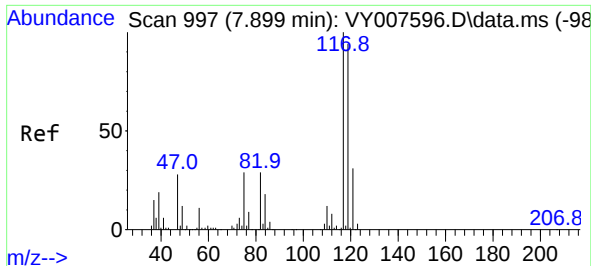
Tgt Ion: 75 Resp: 4136
Ion Ratio Lower Upper
75 100
110 6.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 8.562 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.061 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion: 43 Resp: 2932
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#

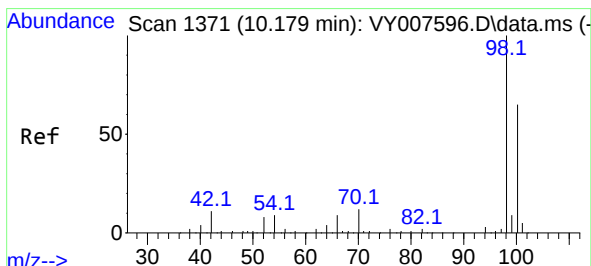
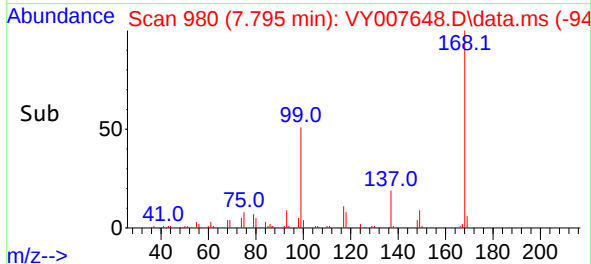
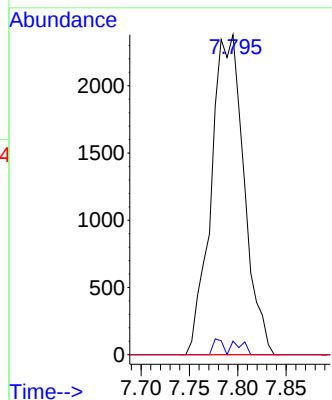
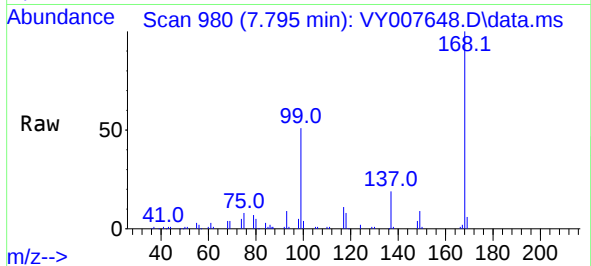




#38
Carbon Tetrachloride
Concen: 5.046 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

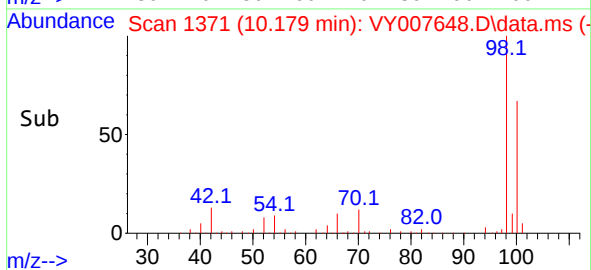
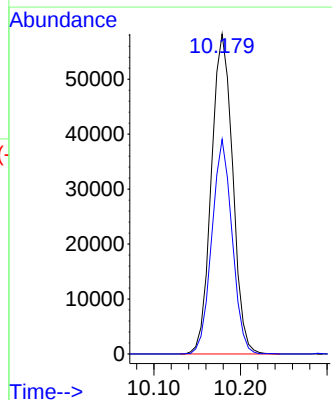
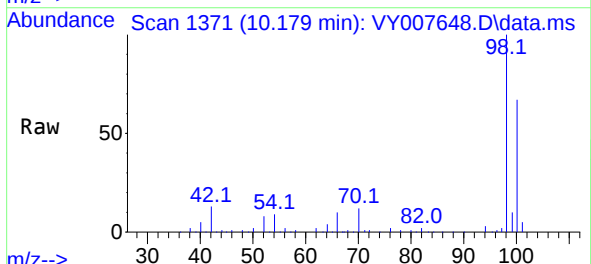
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

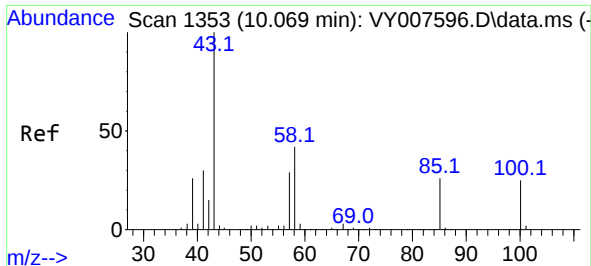
Tgt Ion:117 Resp: 5621
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.876 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion: 98 Resp: 99502
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

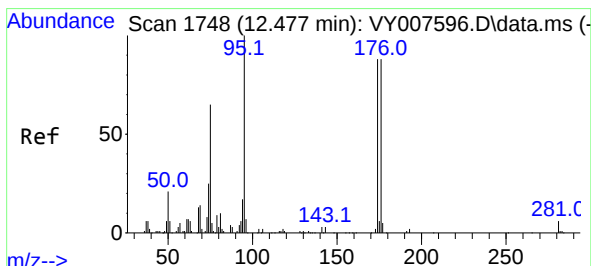
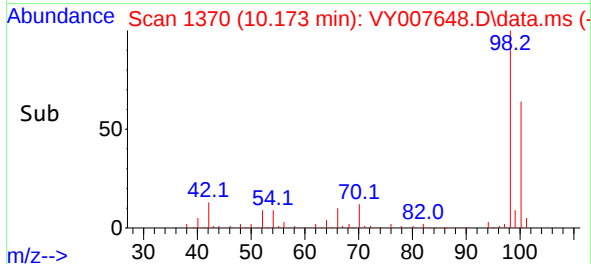
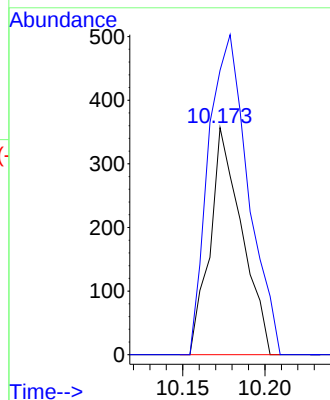
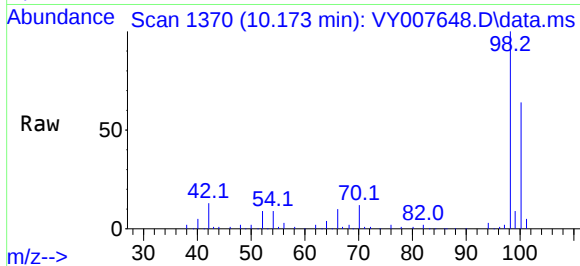




#51
4-Methyl-2-Pentanone
Concen: 1.366 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

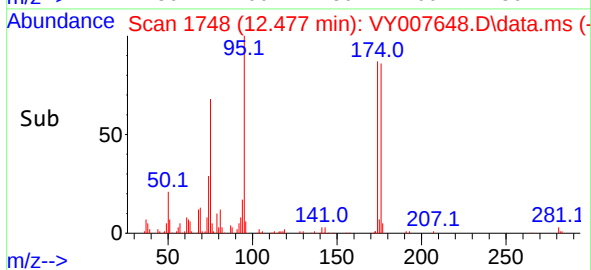
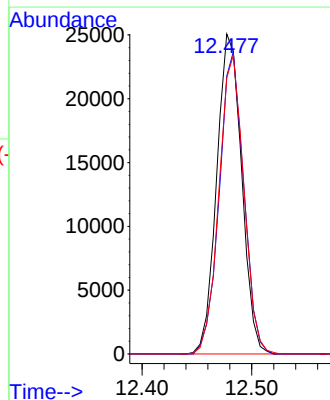
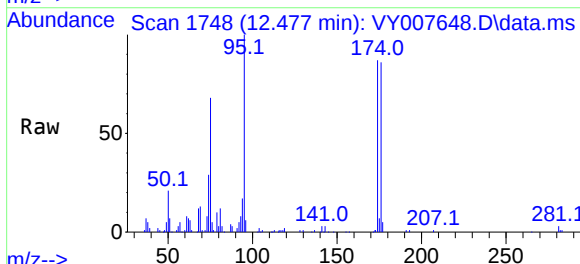
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

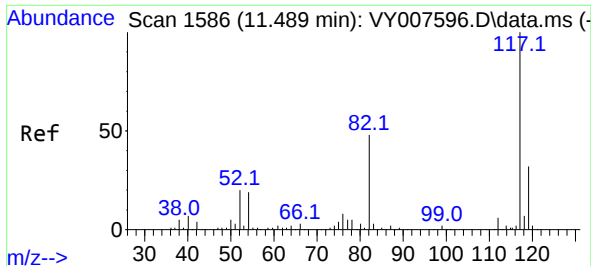
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 175.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 59.243 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion: 95 Resp: 39543
Ion Ratio Lower Upper
95 100
174 92.4 0.0 177.0
176 92.9 0.0 175.8

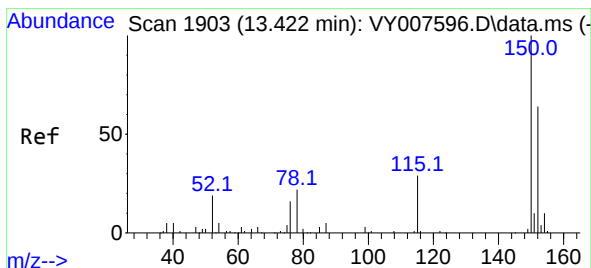
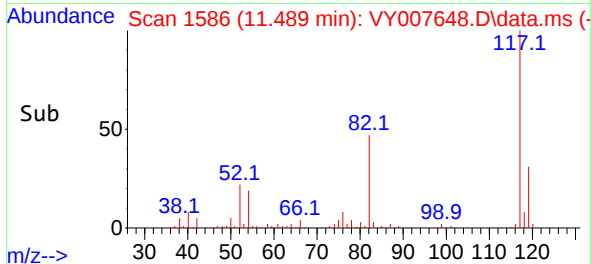
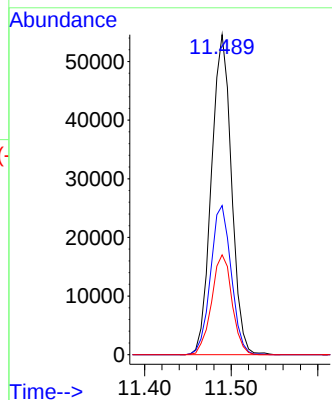
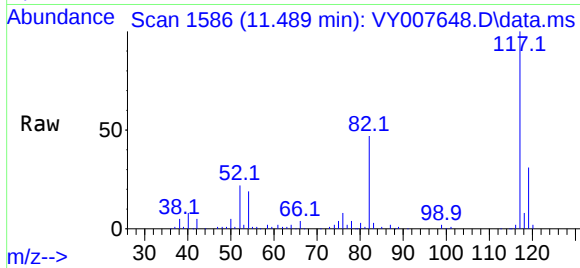




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

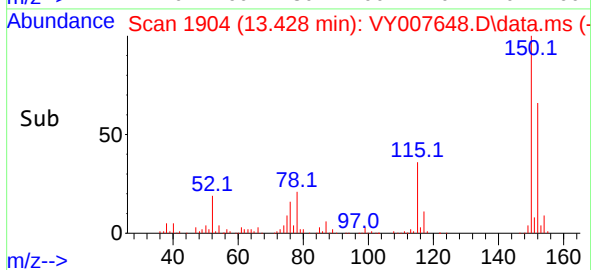
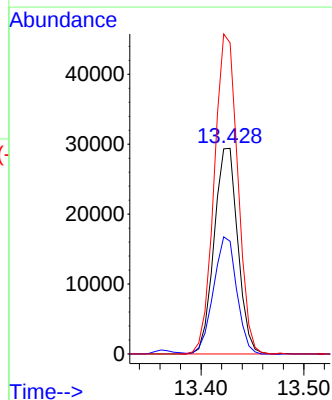
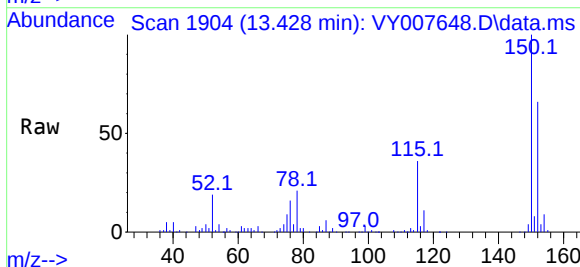
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

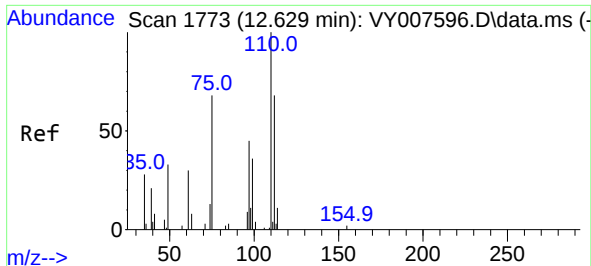
Tgt Ion:117 Resp: 87674
Ion Ratio Lower Upper
117 100
82 46.6 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion:152 Resp: 46910
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 154.8 0.0 347.6

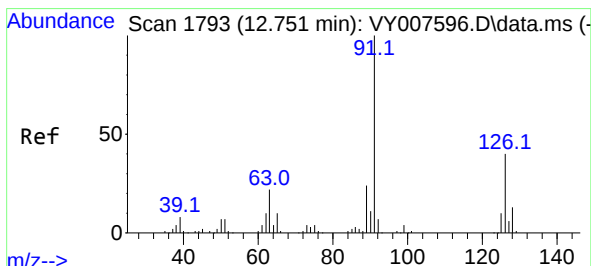
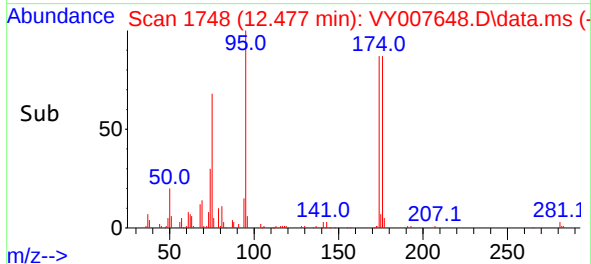
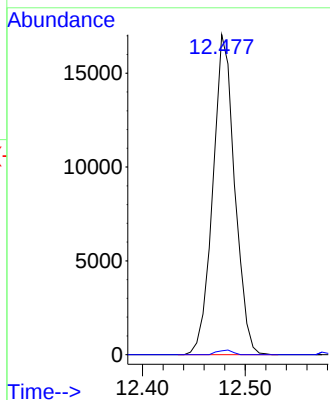
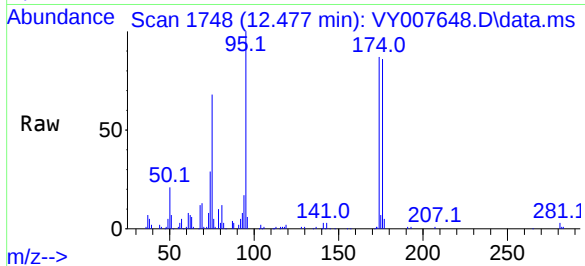




#76
1,2,3-Trichloropropane
Concen: 53.708 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

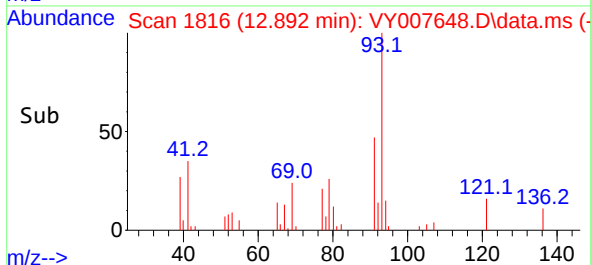
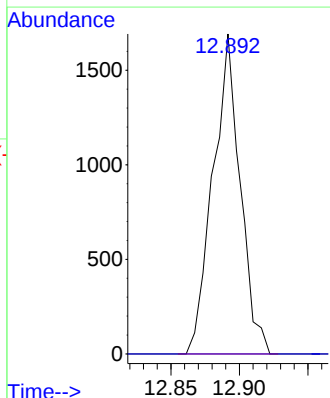
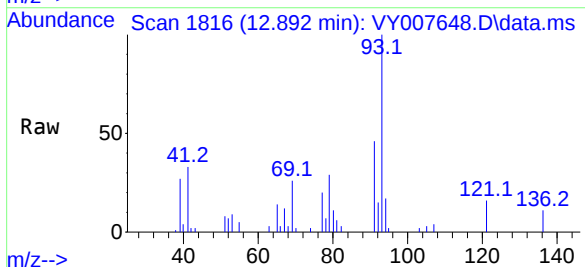
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

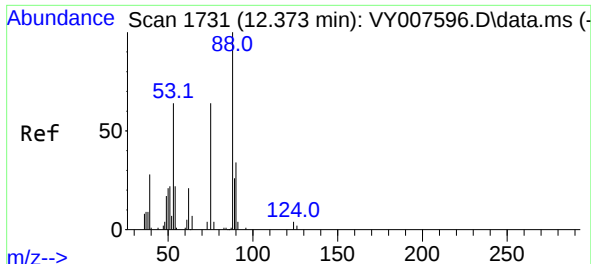
Tgt Ion: 75 Resp: 25198
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#79
2-Chlorotoluene
Concen: 1.007 ug/l
RT: 12.892 min Scan# 1816
Delta R.T. 0.141 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion: 91 Resp: 2340
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

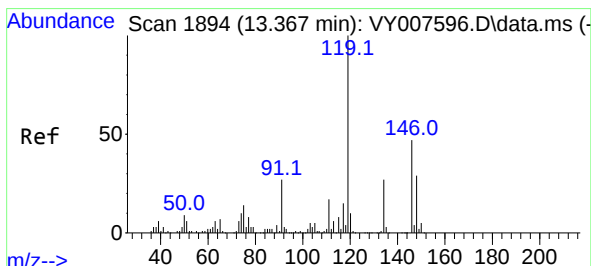
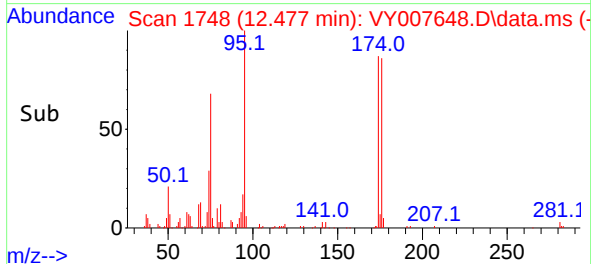
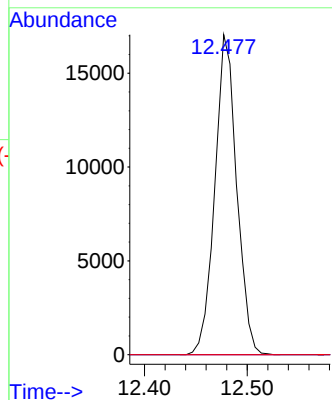
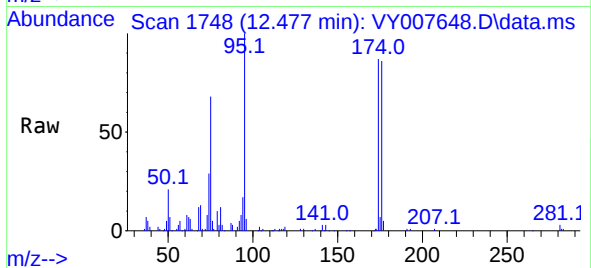




#81
trans-1,4-Dichloro-2-butene
Concen: 115.480 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-2FT

Tgt Ion: 75 Resp: 25198
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#86
p-Isopropyltoluene
Concen: 2.061 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY007648.D
Acq: 25 Feb 2022 19:42

Tgt Ion: 119 Resp: 6875
Ion Ratio Lower Upper
119 100
134 24.4 13.2 39.5
91 30.5 12.4 37.2

