

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010722\
 Data File : VY007062.D
 Acq On : 07 Jan 2022 18:50
 Operator : SY/MD
 Sample : N1065-32
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 04:12:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

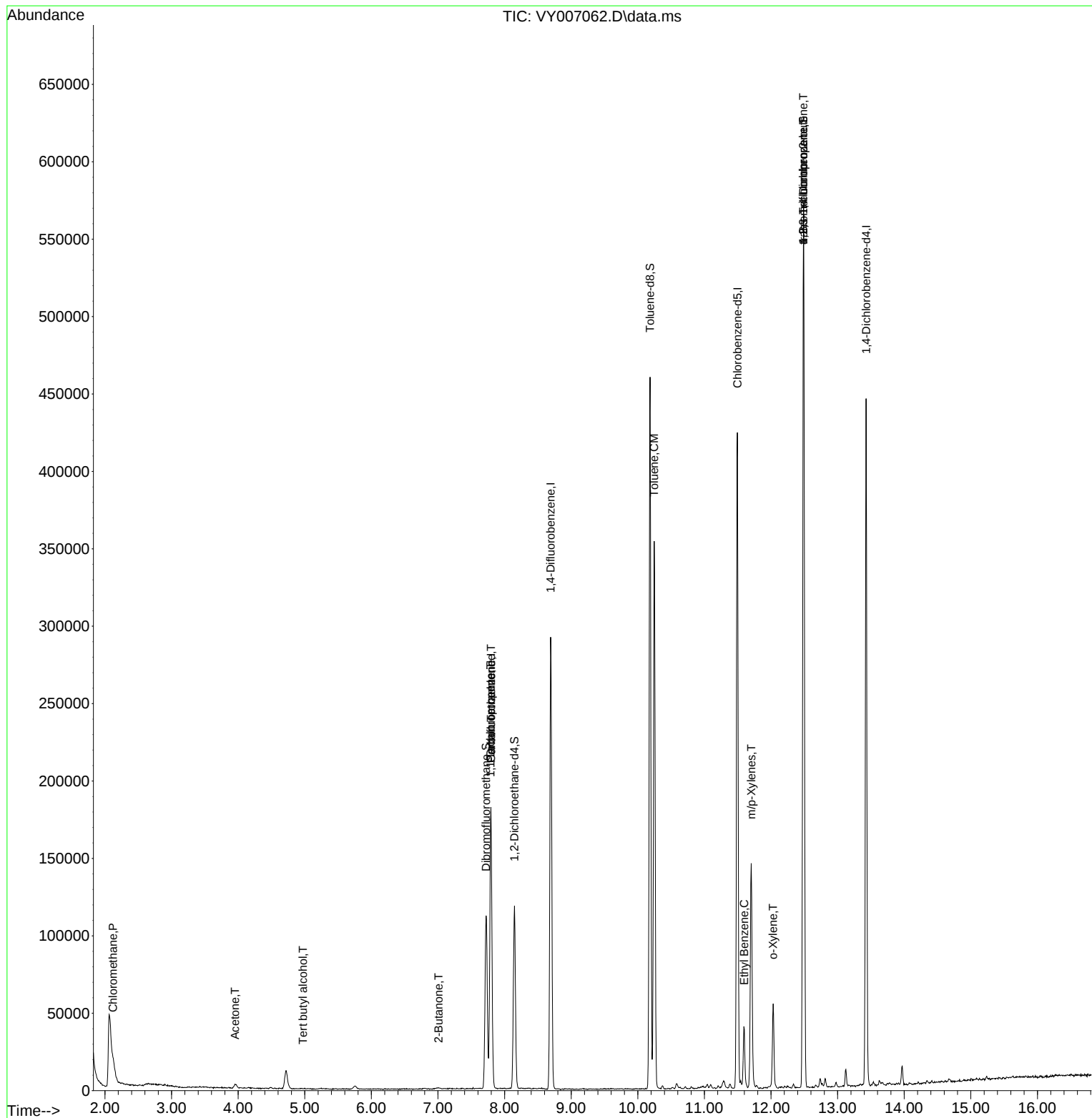
Internal Standards						
1) Pentafluorobenzene	7.795	168	134054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	247850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	232967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93393	59.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.040%	
35) Dibromofluoromethane	7.722	113	82503	50.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.280%	
50) Toluene-d8	10.185	98	306124	50.571	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	12.483	95	115889	50.835	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1261	1.384	ug/l	94
11) Tert butyl alcohol	4.972	59	497	3.483	ug/l #	81
16) Acetone	3.954	43	4767	13.674	ug/l	91
20) Methylene Chloride	4.716	84	8749	Below Cal		95
25) 2-Butanone	7.009	43	736	1.466	ug/l #	46
36) 1,1-Dichloropropene	7.789	75	10846	3.994	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14626	5.150	ug/l #	15
52) Toluene	10.246	92	150912	31.738	ug/l	99
67) Ethyl Benzene	11.599	91	25694	2.633	ug/l	100
68) m/p-Xylenes	11.703	106	43334	11.659	ug/l	99
69) o-Xylene	12.032	106	14138	4.056	ug/l	93
76) 1,2,3-Trichloropropane	12.483	75	62272	46.511	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	62272	84.948	ug/l #	4

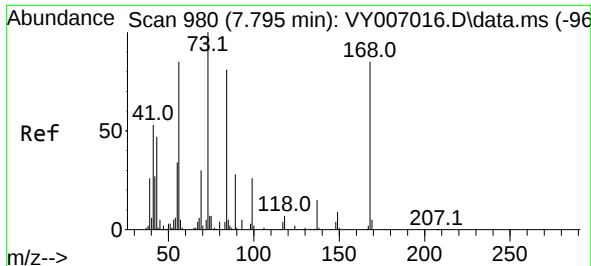
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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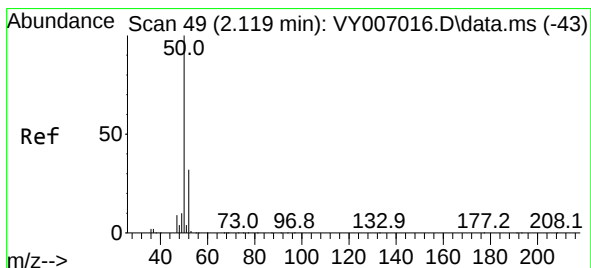
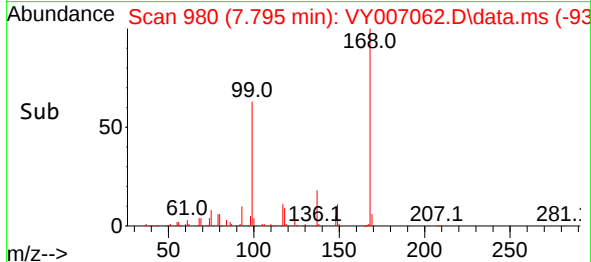
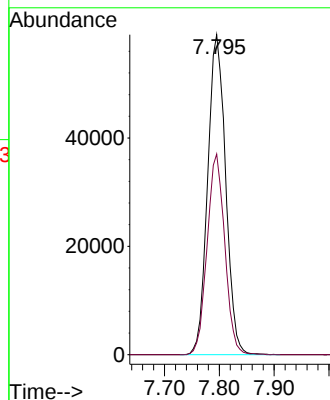
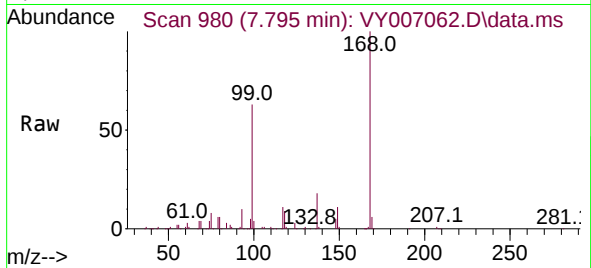




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

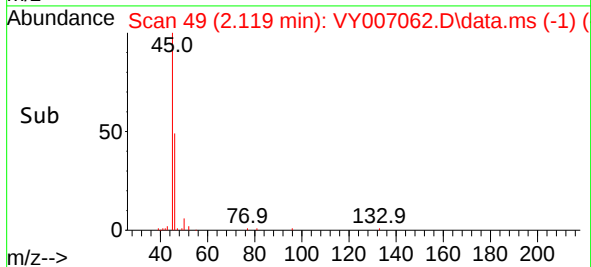
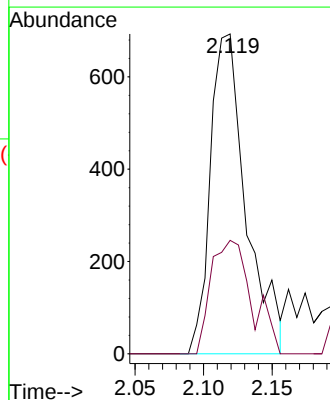
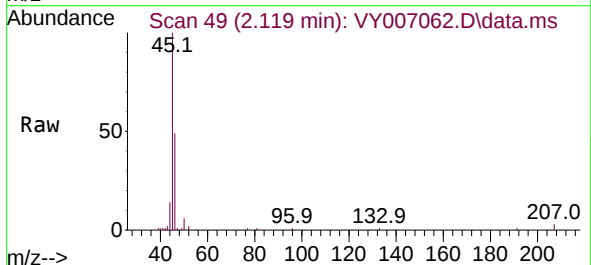
Instrument :
MSVOA_Y
ClientSampleId :

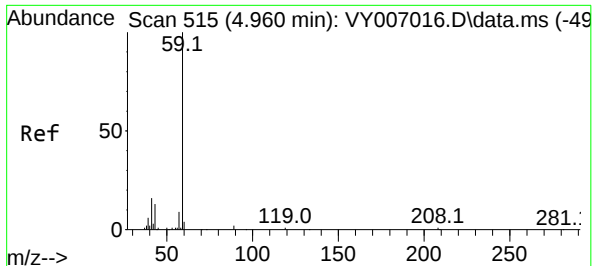
Tgt Ion:168 Resp: 134054
Ion Ratio Lower Upper
168 100
99 62.7 48.9 73.3



#3
Chloromethane
Concen: 1.384 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Tgt Ion: 50 Resp: 1261
Ion Ratio Lower Upper
50 100
52 35.5 25.8 38.8

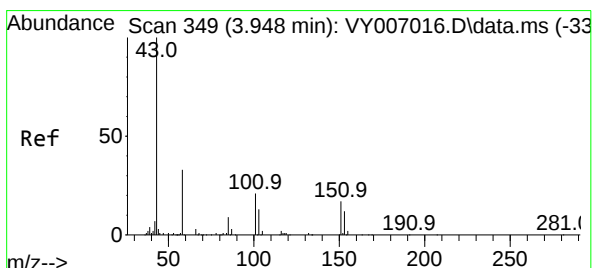
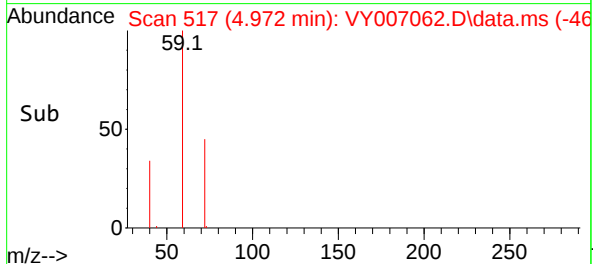
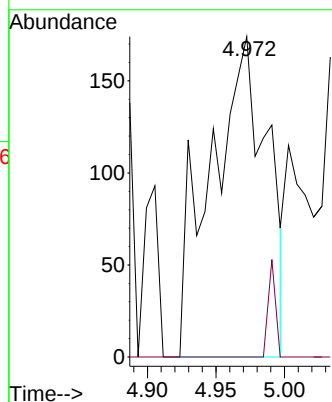
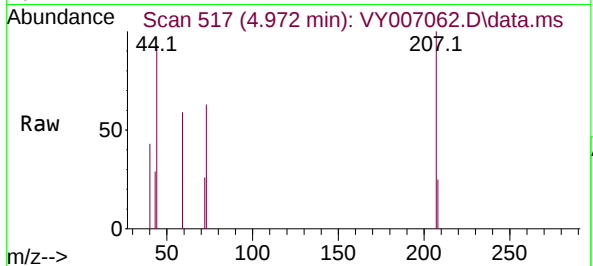




#11
Tert butyl alcohol
Concen: 3.483 ug/l
RT: 4.972 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

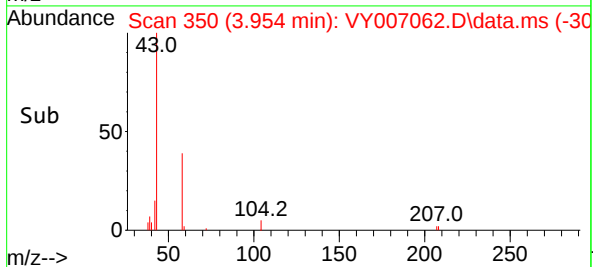
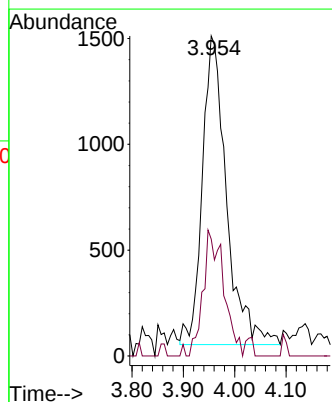
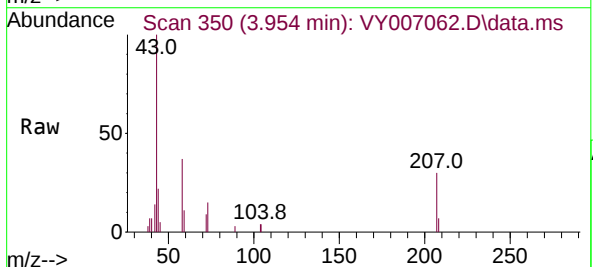
Instrument :
MSVOA_Y
ClientSampleId :

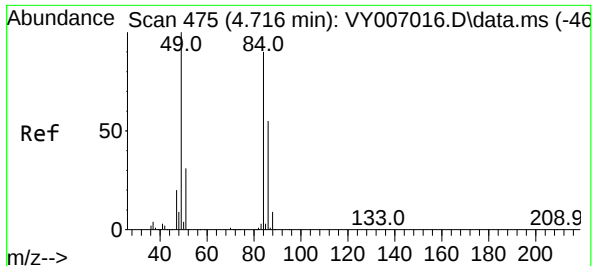
Tgt Ion: 59 Resp: 497
Ion Ratio Lower Upper
59 100
57 3.8 8.9 13.3#



#16
Acetone
Concen: 13.674 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

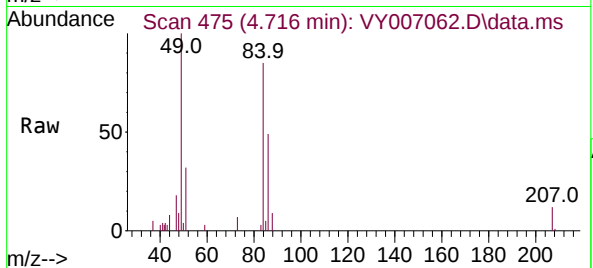
Tgt Ion: 43 Resp: 4767
Ion Ratio Lower Upper
43 100
58 37.9 26.3 39.5



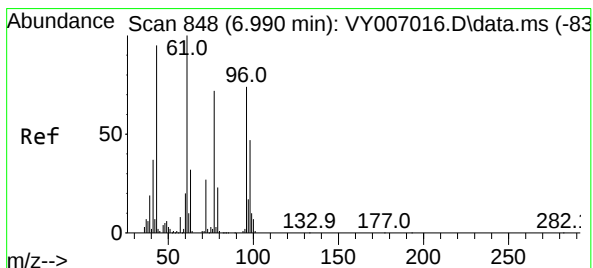
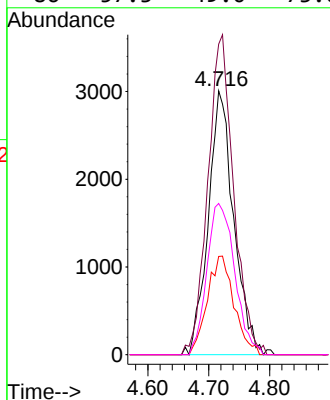
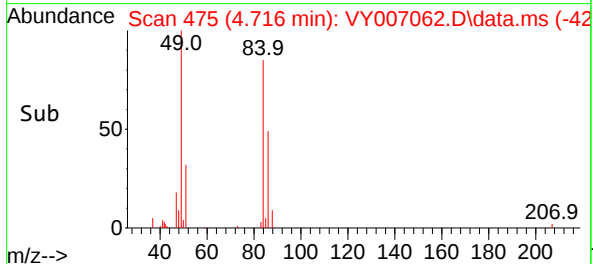


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

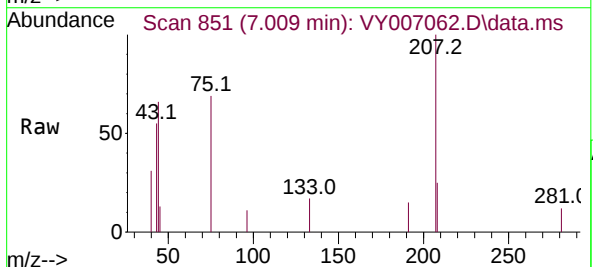
Instrument :
MSVOA_Y
ClientSampleId :



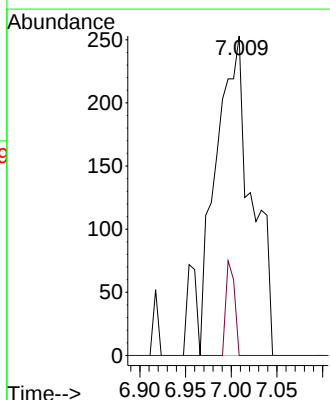
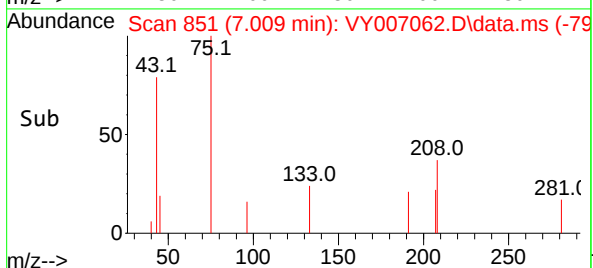
Tgt Ion: 84 Resp: 8749
Ion Ratio Lower Upper
84 100
49 117.7 89.4 134.0
51 37.3 27.7 41.5
86 57.3 49.0 73.6

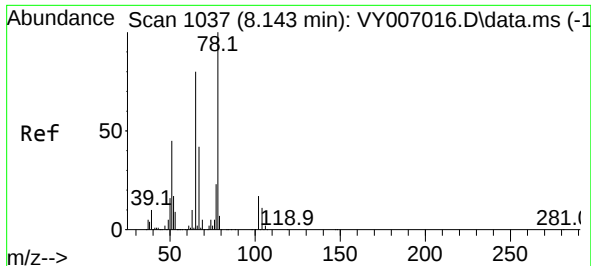


#25
2-Butanone
Concen: 1.466 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50



Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
72 0.0 22.6 34.0#





#33

1,2-Dichloroethane-d4

Concen: 59.020 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

Instrument :

MSVOA_Y

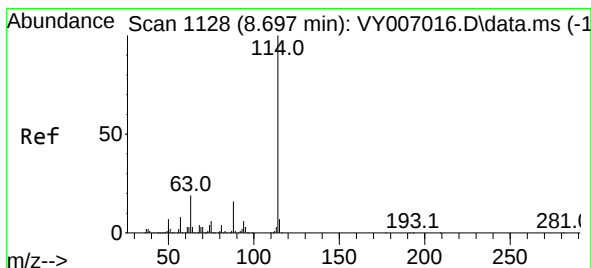
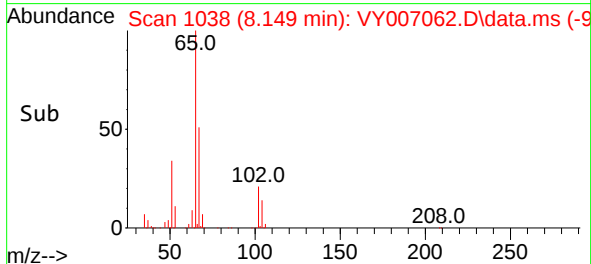
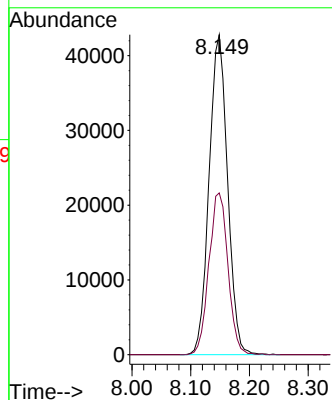
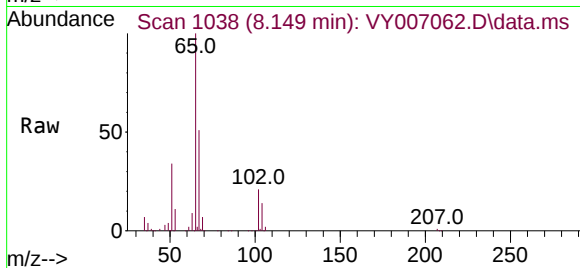
ClientSampleId :

Tgt Ion: 65 Resp: 93393

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

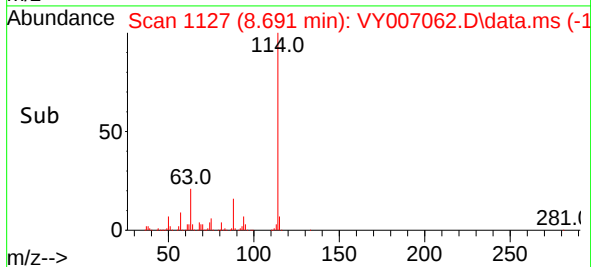
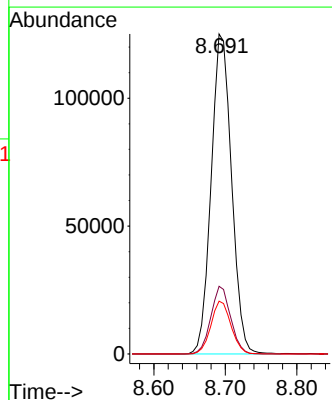
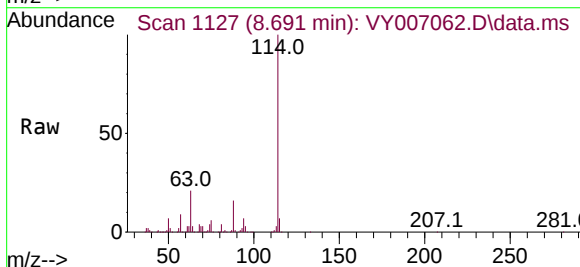
Tgt Ion: 114 Resp: 247850

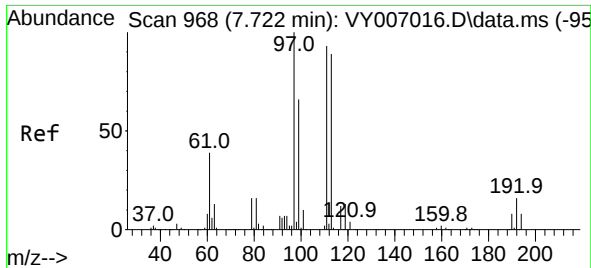
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.6

88 16.5 0.0 31.8



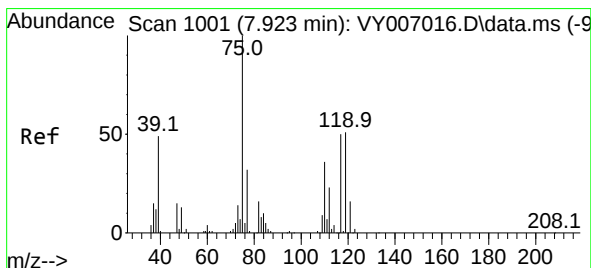
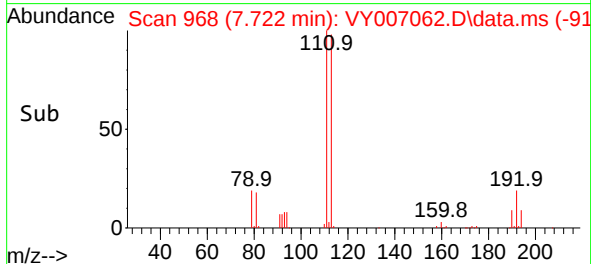
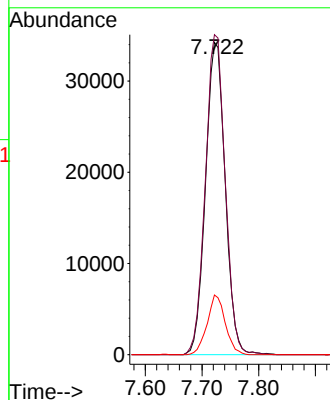
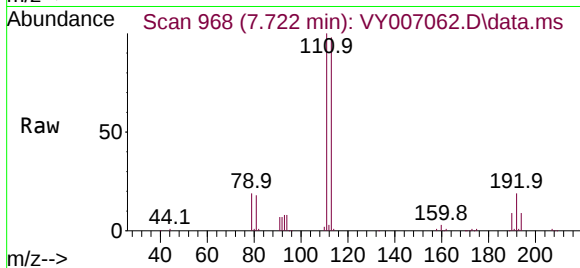


#35
 Dibromofluoromethane
 Concen: 50.639 ug/l
 RT: 7.722 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VY007062.D
 Acq: 07 Jan 2022 18:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:113 Resp: 82503

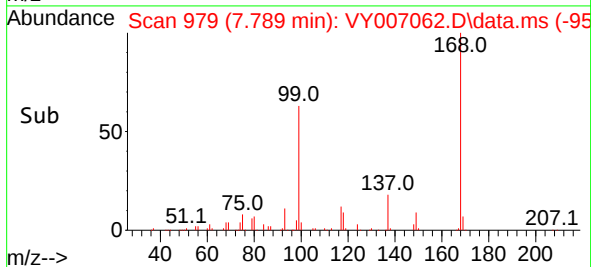
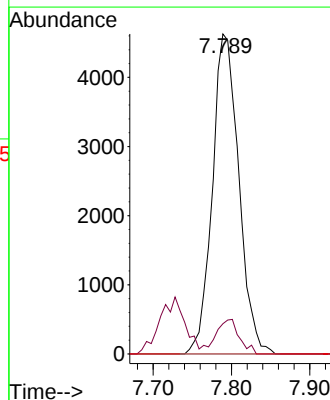
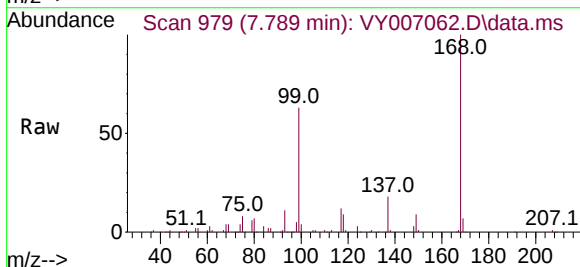
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.9	122.9
192	17.7	14.6	21.8

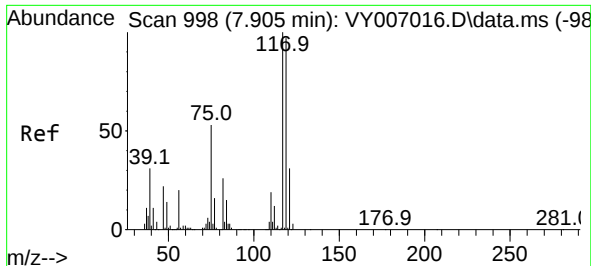


#36
 1,1-Dichloropropene
 Concen: 3.994 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.134 min
 Lab File: VY007062.D
 Acq: 07 Jan 2022 18:50

Tgt Ion: 75 Resp: 10846

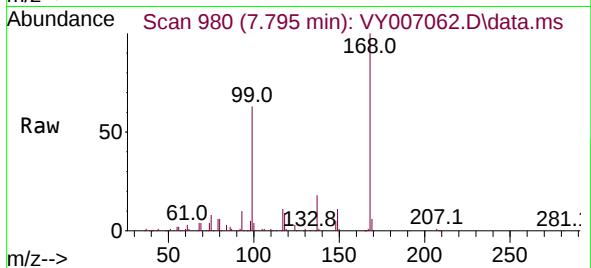
Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.0	54.0#
77	0.0	25.4	38.2#



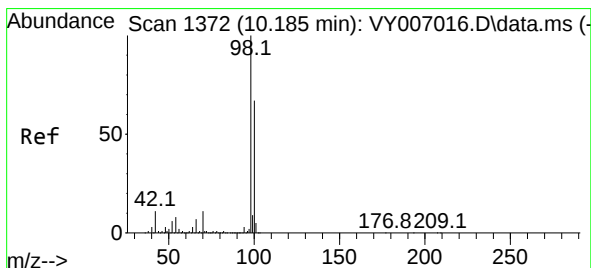
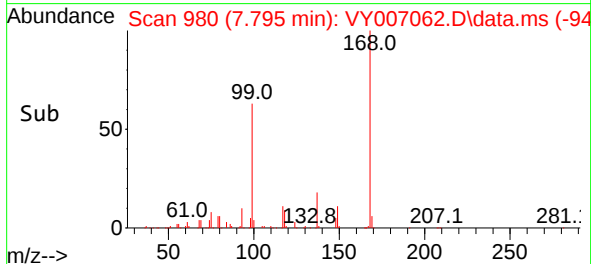
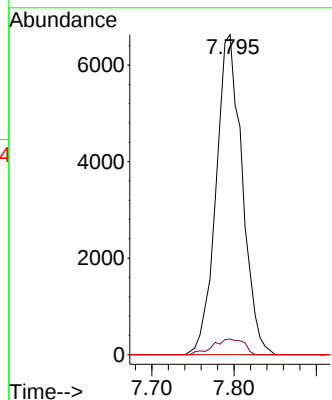


#38
Carbon Tetrachloride
Concen: 5.150 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :

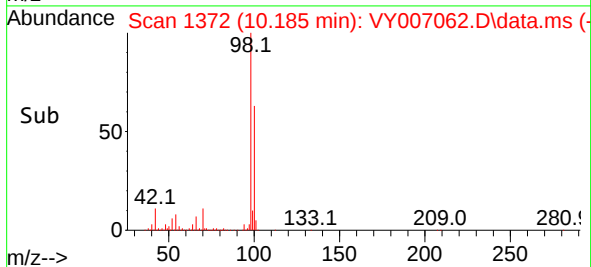
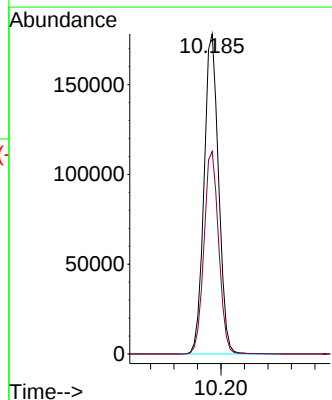
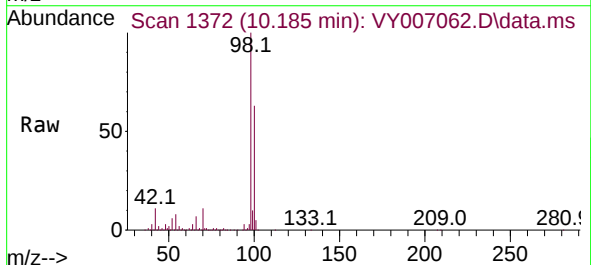


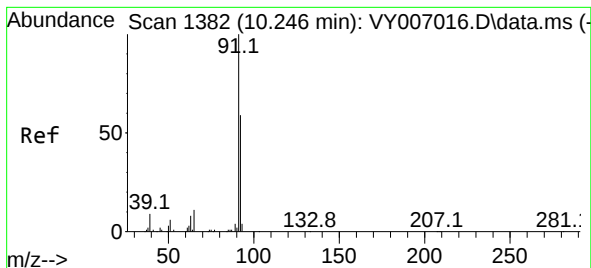
Tgt Ion:117 Resp: 14626
Ion Ratio Lower Upper
117 100
119 4.9 77.7 116.5#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.571 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Tgt Ion: 98 Resp: 306124
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2





#52

Toluene

Concen: 31.738 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

Instrument :

MSVOA_Y

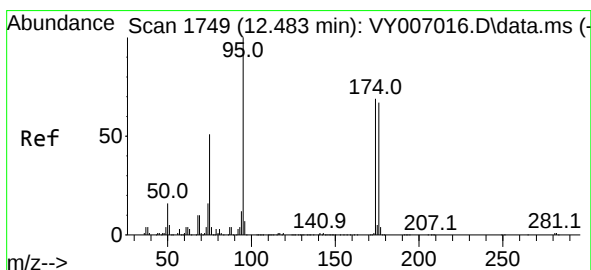
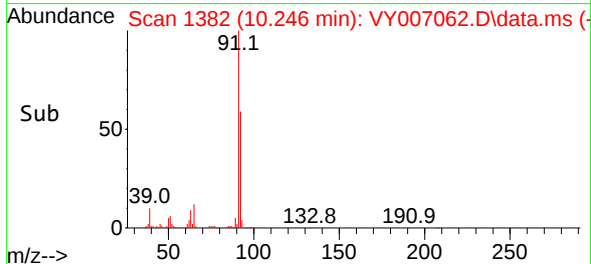
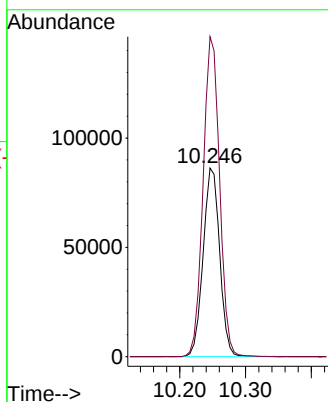
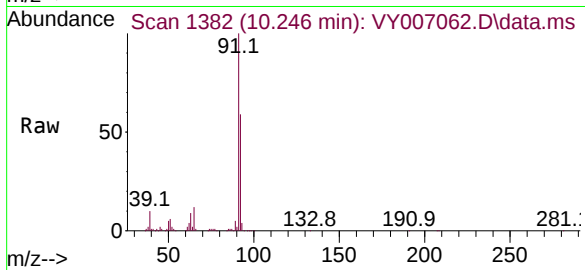
ClientSampleId :

Tgt Ion: 92 Resp: 150912

Ion Ratio Lower Upper

92 100

91 169.0 136.1 204.1



#62

4-Bromofluorobenzene

Concen: 50.835 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

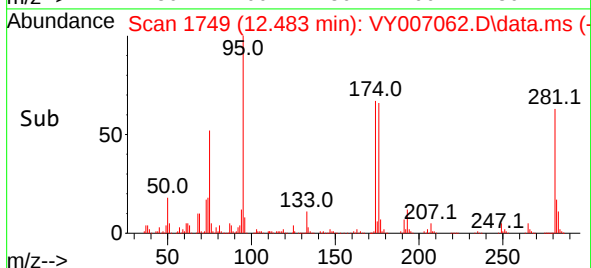
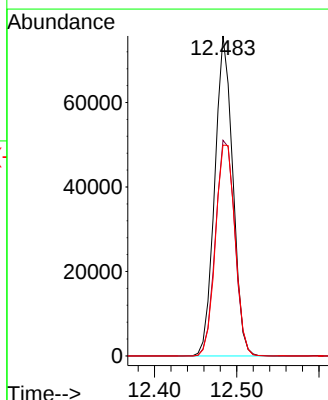
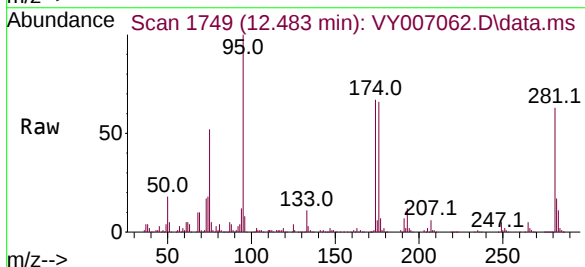
Tgt Ion: 95 Resp: 115889

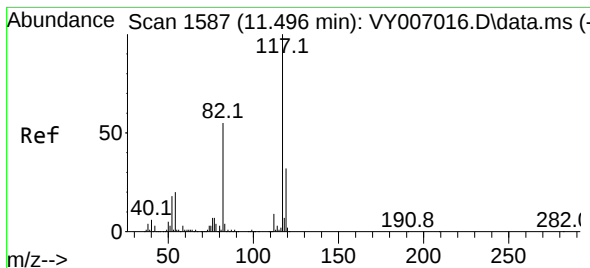
Ion Ratio Lower Upper

95 100

174 72.0 0.0 144.6

176 71.4 0.0 141.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

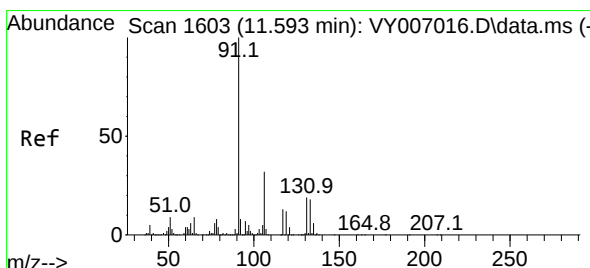
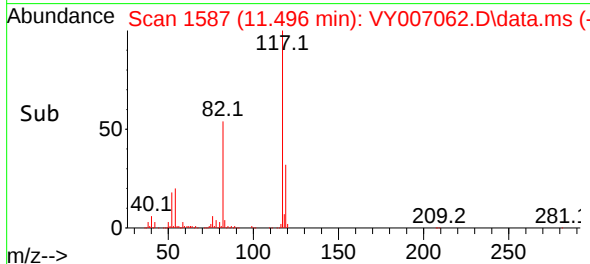
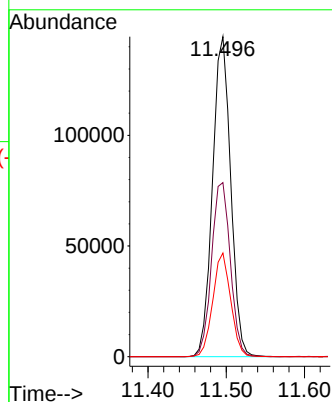
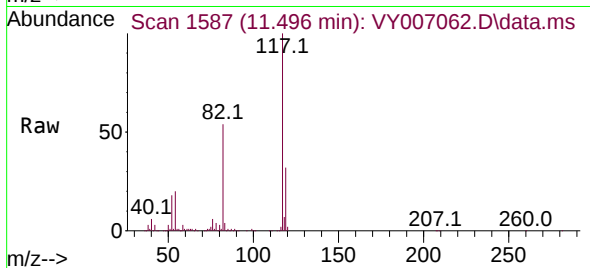
Tgt Ion:117 Resp: 232967

Ion Ratio Lower Upper

117 100

82 54.4 44.1 66.1

119 32.4 25.3 37.9



#67

Ethyl Benzene

Concen: 2.633 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY007062.D

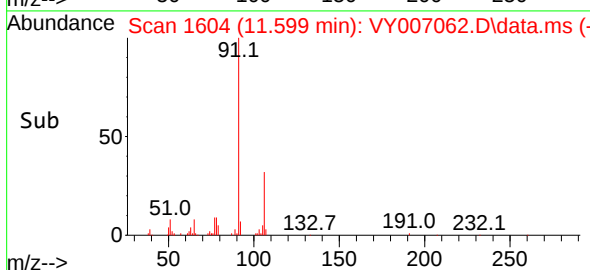
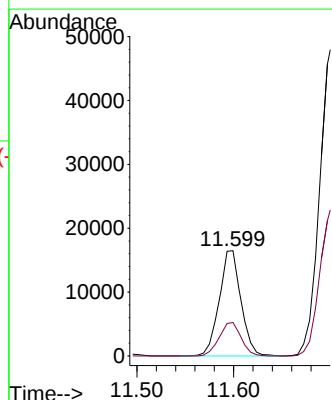
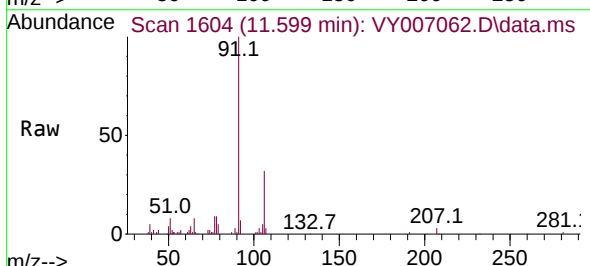
Acq: 07 Jan 2022 18:50

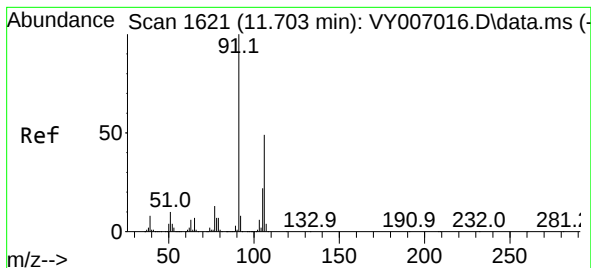
Tgt Ion: 91 Resp: 25694

Ion Ratio Lower Upper

91 100

106 31.7 25.2 37.8

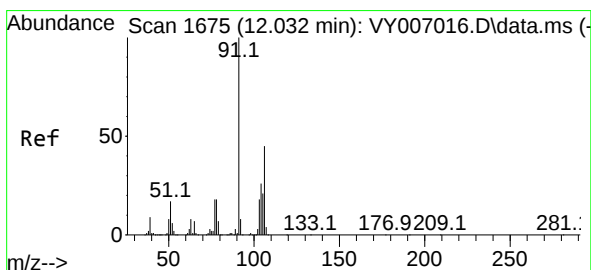
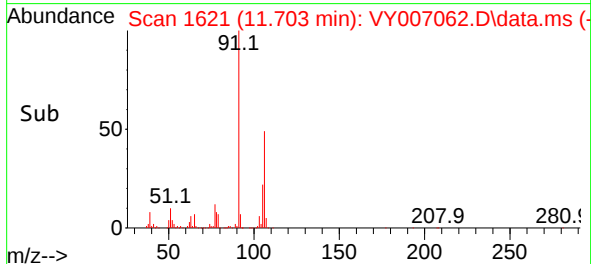
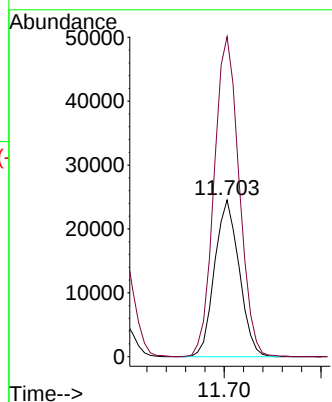
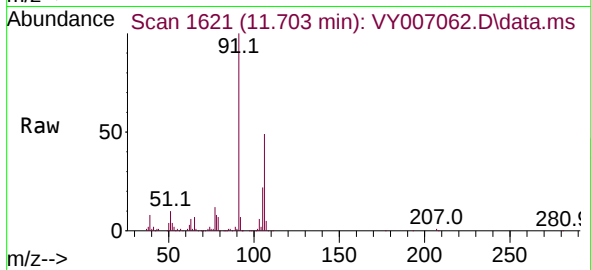




#68
m/p-Xylenes
Concen: 11.659 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

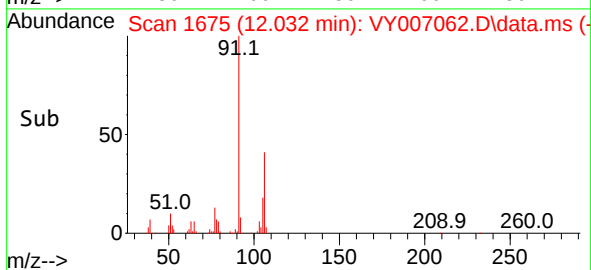
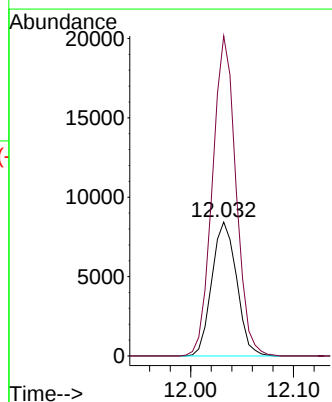
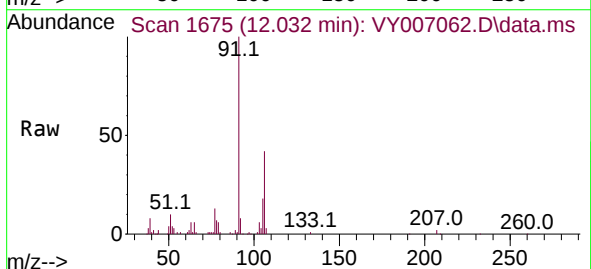
Instrument :
MSVOA_Y
ClientSampleId :

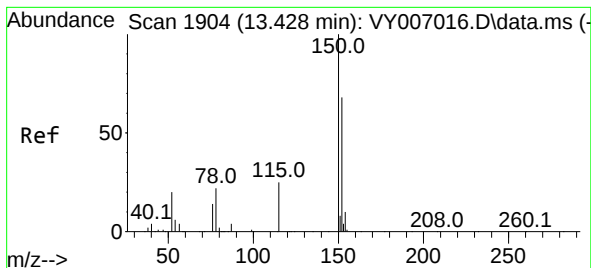
Tgt Ion:106 Resp: 43334
Ion Ratio Lower Upper
106 100
91 207.8 165.3 247.9



#69
o-Xylene
Concen: 4.056 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007062.D
Acq: 07 Jan 2022 18:50

Tgt Ion:106 Resp: 14138
Ion Ratio Lower Upper
106 100
91 227.3 108.3 324.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007062.D

Acq: 07 Jan 2022 18:50

Instrument :

MSVOA_Y

ClientSampleId :

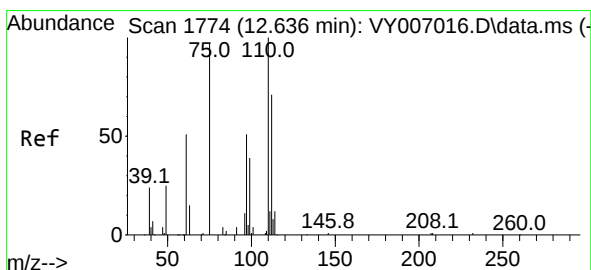
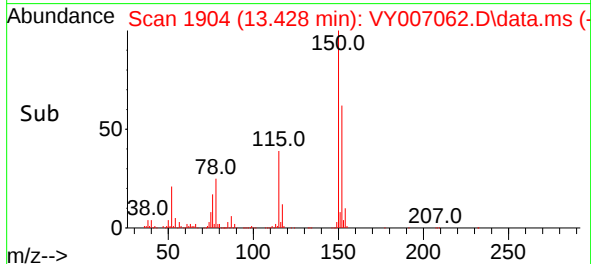
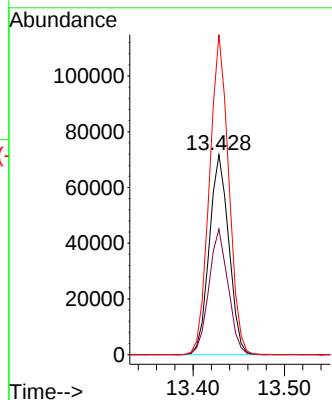
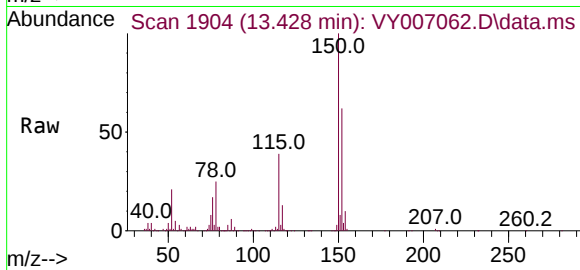
Tgt Ion:152 Resp: 106294

Ion Ratio Lower Upper

152 100

115 61.9 31.9 95.5

150 158.0 0.0 358.0



#76

1,2,3-Trichloropropane

Concen: 46.511 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007062.D

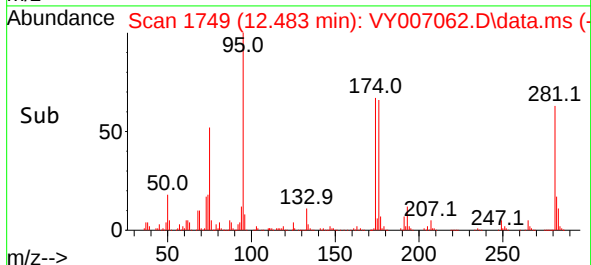
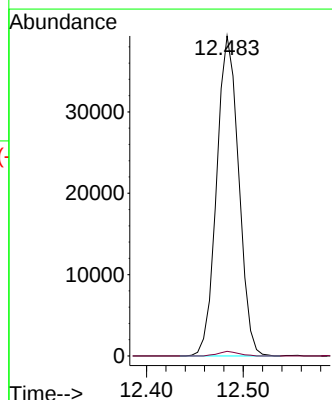
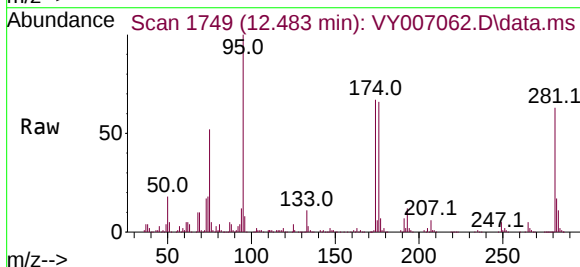
Acq: 07 Jan 2022 18:50

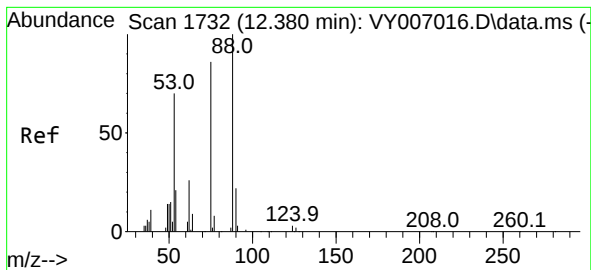
Tgt Ion: 75 Resp: 62272

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.948 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007062.D
 Acq: 07 Jan 2022 18:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 62272
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.2 108.4#
 89 1.8 0.0 0.0#

