

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
 Data File : VY020217.D
 Acq On : 07 Nov 2024 19:14
 Operator : SY/MD
 Sample : p4719-01
 Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 00:32:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

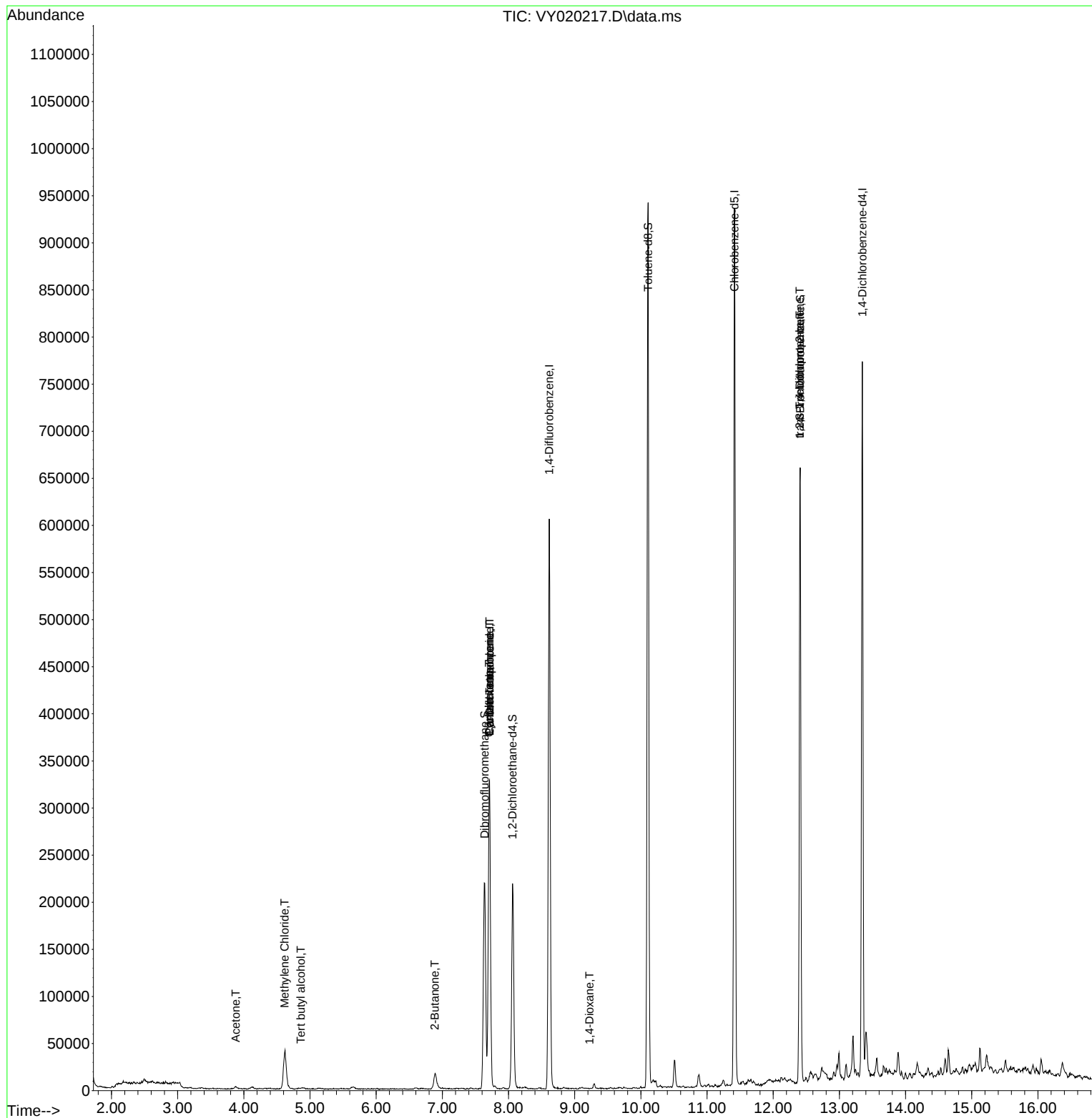
Internal Standards						
1) Pentafluorobenzene	7.713	168	231932	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	483576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	448941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	171064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165091	57.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.060%	
35) Dibromofluoromethane	7.640	113	157046	51.079	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.160%	
50) Toluene-d8	10.109	98	601986	49.189	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.408	95	194140	48.839	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 97.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	787	3.780	ug/l	# 88
16) Acetone	3.879	43	4241	6.300	ug/l	# 71
20) Methylene Chloride	4.616	84	26968	8.918	ug/l	# 81
25) 2-Butanone	6.884	43	1976	2.165	ug/l	# 41
31) Cyclohexane	7.707	56	7229	1.376	ug/l	# 43
36) 1,1-Dichloropropene	7.713	75	22804	4.801	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	26632	5.576	ug/l	# 16
49) 1,4-Dioxane	9.225	88	19	1.027	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	113261	70.632	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	113261	151.926	ug/l	# 16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110724\
Data File : VY020217.D
Acq On : 07 Nov 2024 19:14
Operator : SY/MD
Sample : p4719-01
Misc : 4.73g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Nov 08 00:32:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

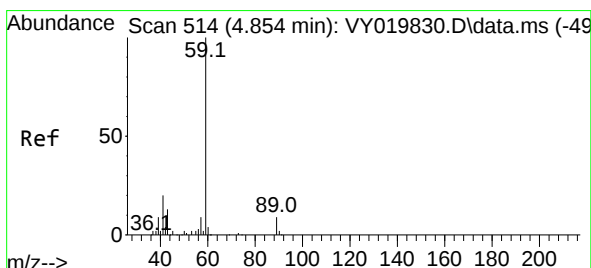
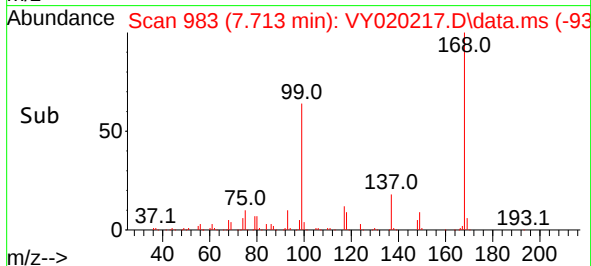
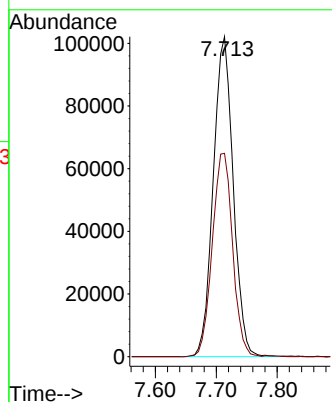
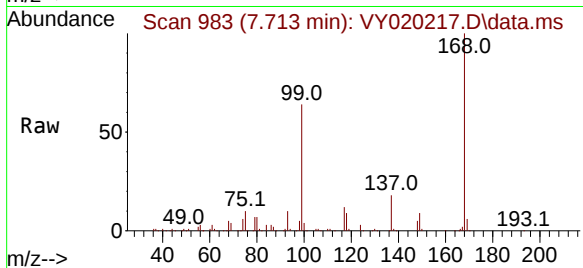




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

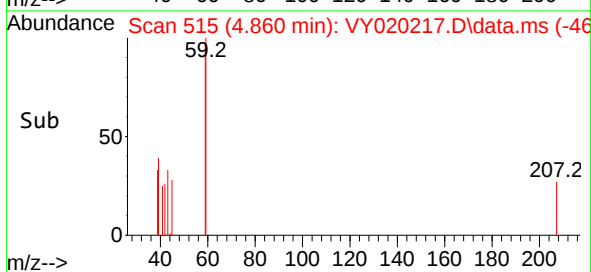
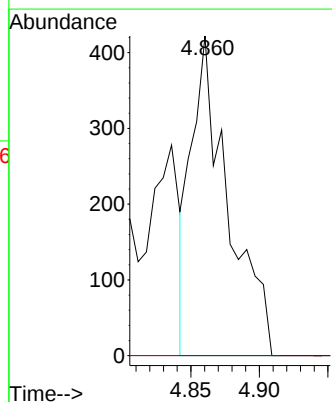
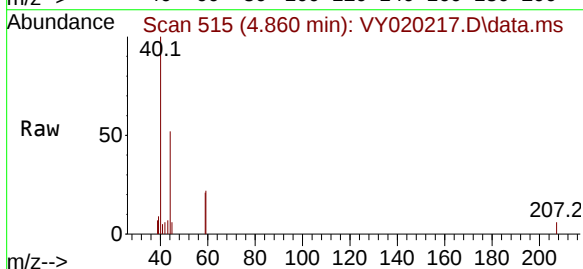
Instrument :
MSVOA_Y
ClientSampleId :

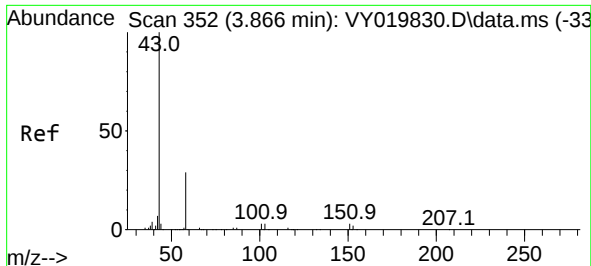
Tgt Ion:168 Resp: 231932
Ion Ratio Lower Upper
168 100
99 63.5 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.780 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

Tgt Ion: 59 Resp: 787
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

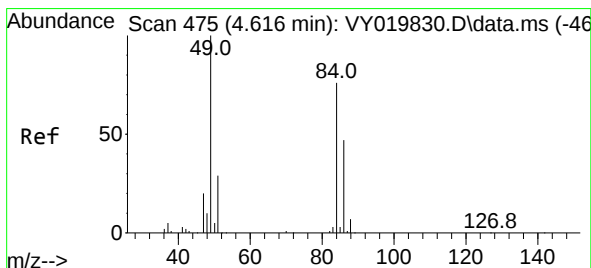
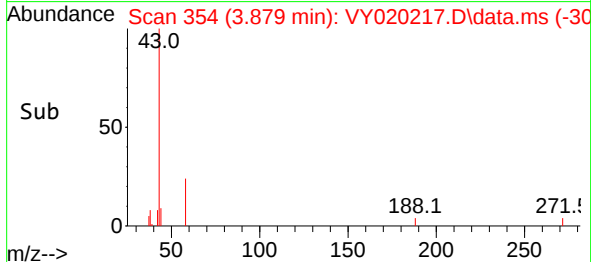
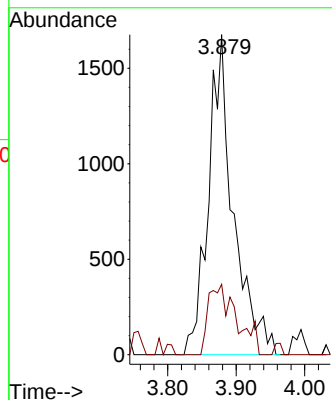
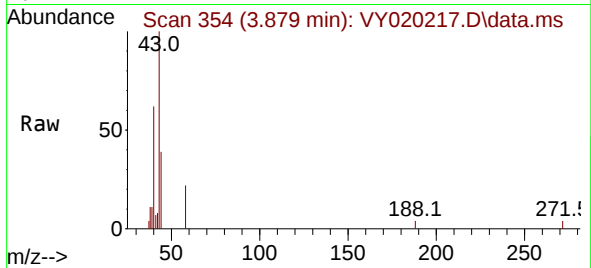




#16
Acetone
Concen: 6.300 ug/l
RT: 3.879 min Scan# 352
Delta R.T. 0.007 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

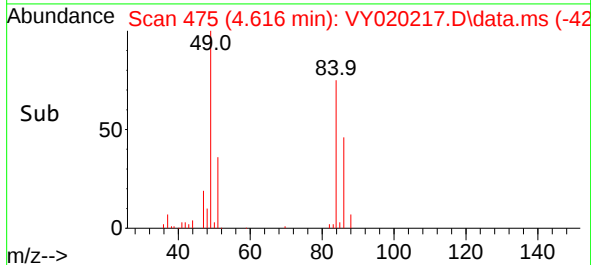
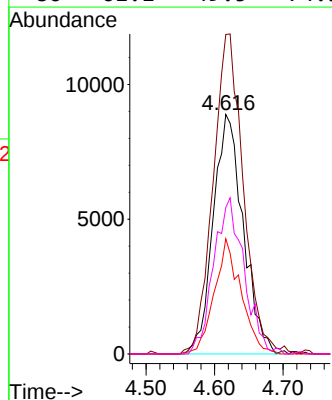
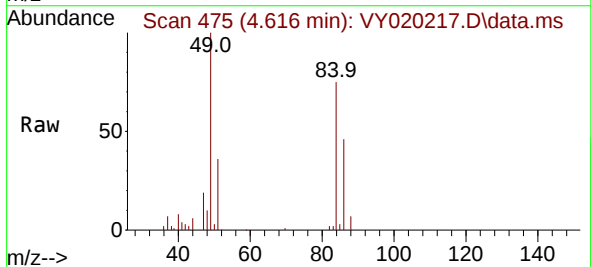
Instrument :
MSVOA_Y
ClientSampleId :

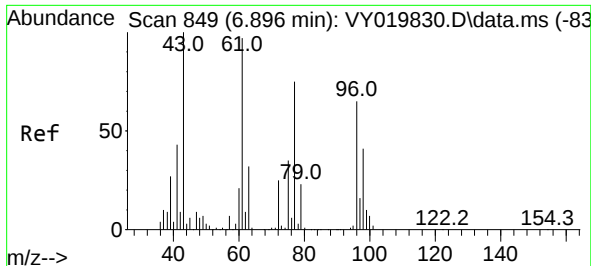
Tgt Ion: 43 Resp: 4241
Ion Ratio Lower Upper
43 100
58 22.0 31.7 47.5#



#20
Methylene Chloride
Concen: 8.918 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

Tgt Ion: 84 Resp: 26968
Ion Ratio Lower Upper
84 100
49 133.4 84.4 126.6#
51 48.1 26.0 39.0#
86 61.1 49.5 74.3





#25

2-Butanone

Concen: 2.165 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY020217.D

Acq: 07 Nov 2024 19:14

Instrument :

MSVOA_Y

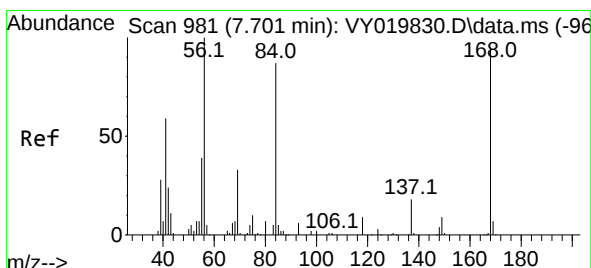
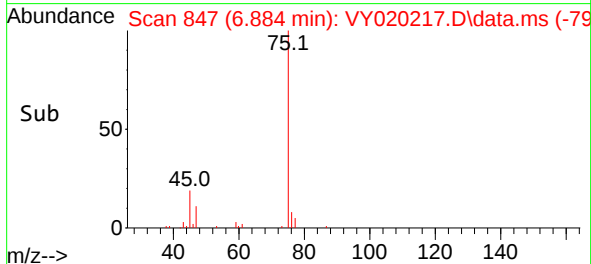
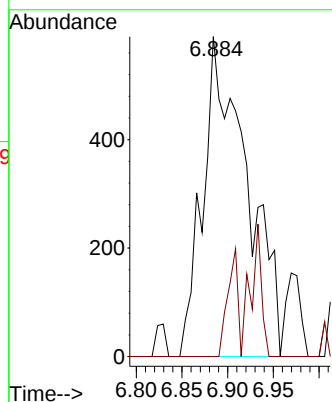
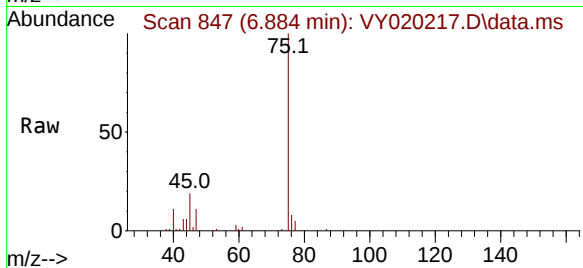
ClientSampleId :

Tgt Ion: 43 Resp: 1976

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.376 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.007 min

Lab File: VY020217.D

Acq: 07 Nov 2024 19:14

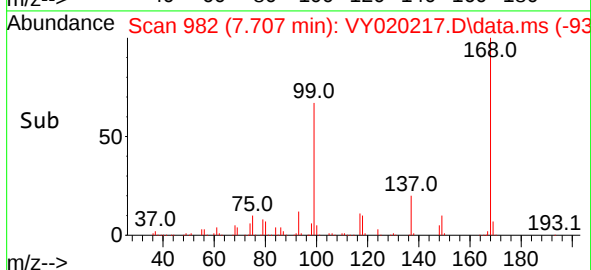
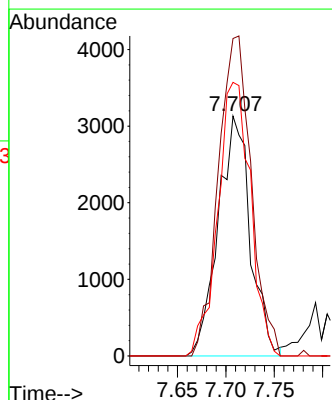
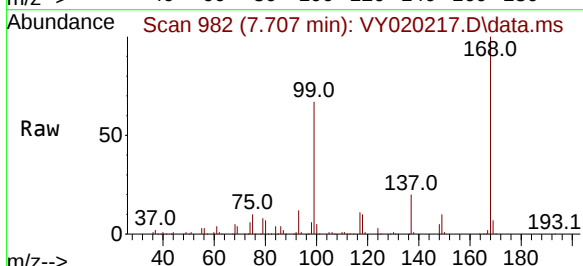
Tgt Ion: 56 Resp: 7229

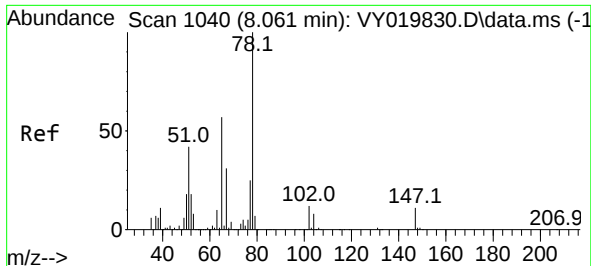
Ion Ratio Lower Upper

56 100

69 132.4 28.7 43.1#

84 114.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 57.033 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020217.D

Acq: 07 Nov 2024 19:14

Instrument :

MSVOA_Y

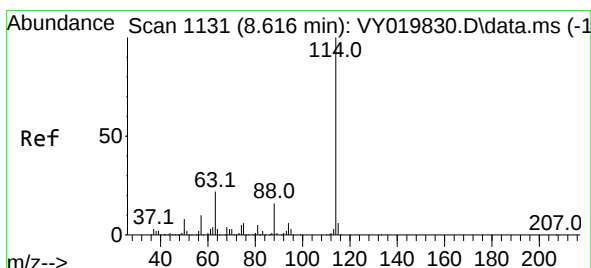
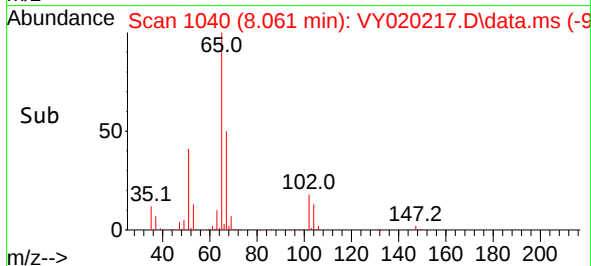
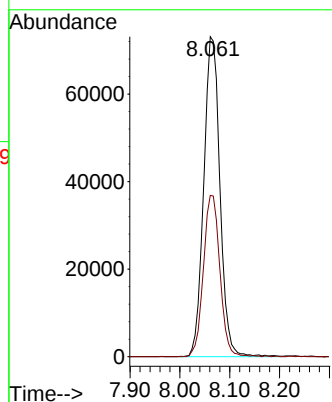
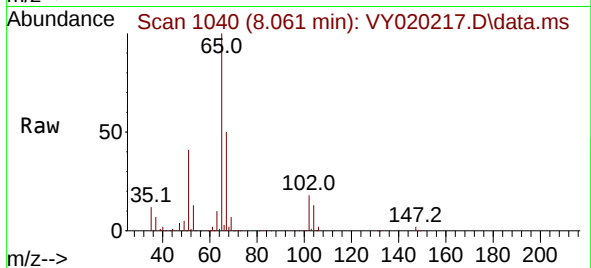
ClientSampleId :

Tgt Ion: 65 Resp: 165091

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020217.D

Acq: 07 Nov 2024 19:14

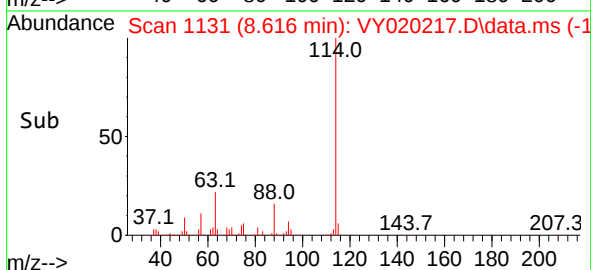
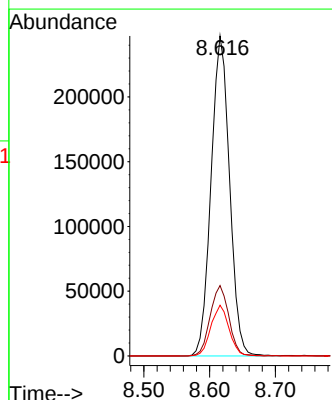
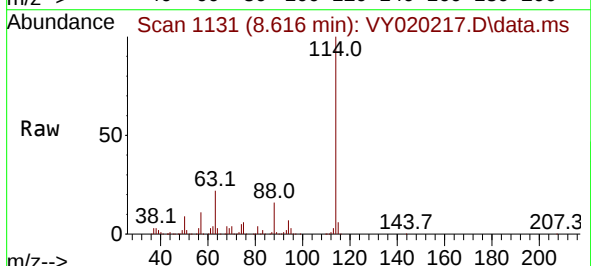
Tgt Ion: 114 Resp: 483576

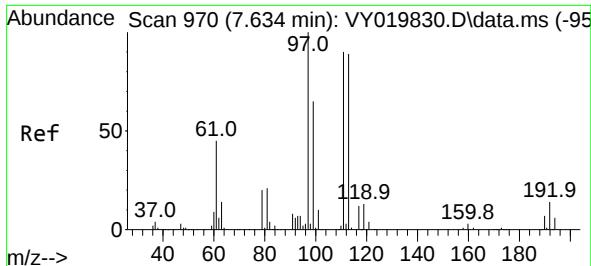
Ion Ratio Lower Upper

114 100

63 22.0 0.0 35.0

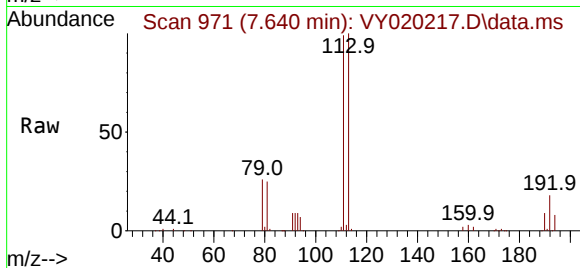
88 15.8 0.0 27.2



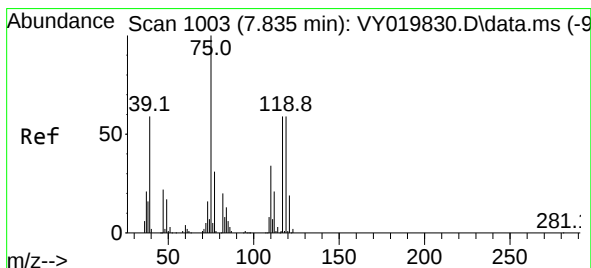
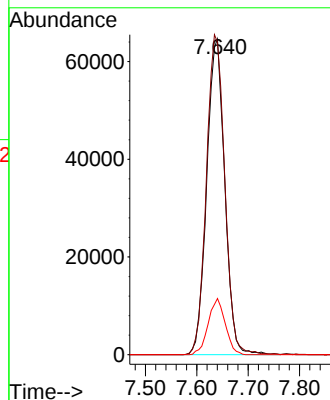
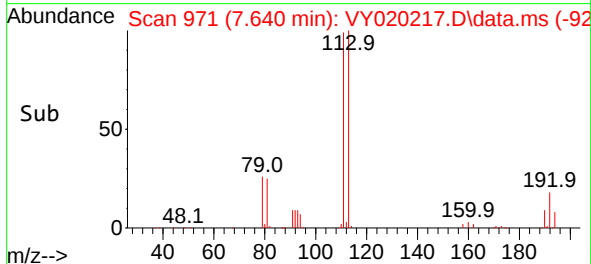


#35
Dibromofluoromethane
Concen: 51.079 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

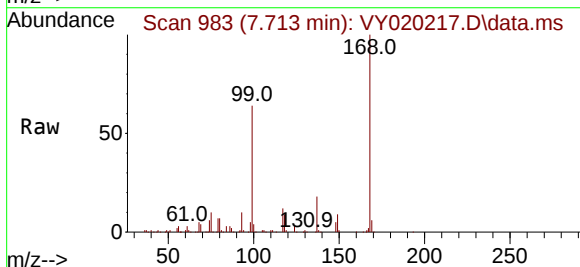
Instrument :
MSVOA_Y
ClientSampleId :



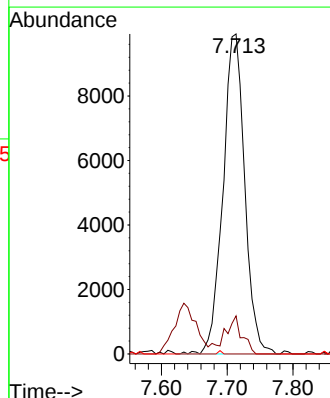
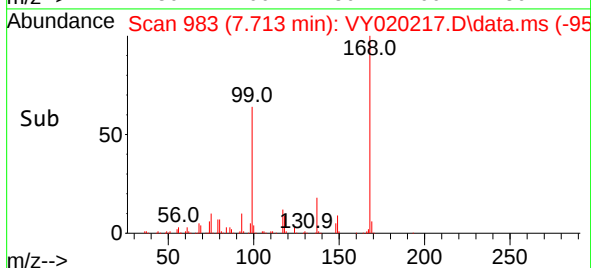
Tgt Ion:113 Resp: 157046
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.9 15.9 23.9

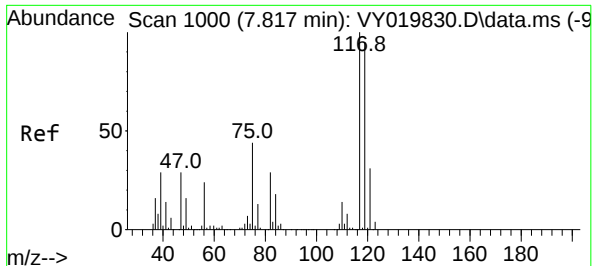


#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14



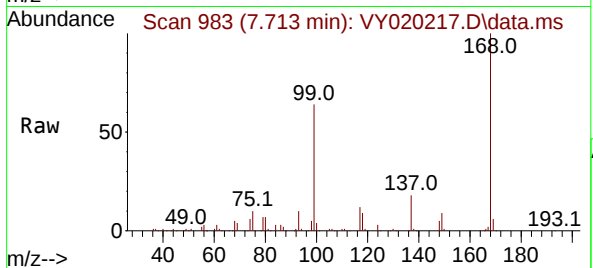
Tgt Ion: 75 Resp: 22804
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



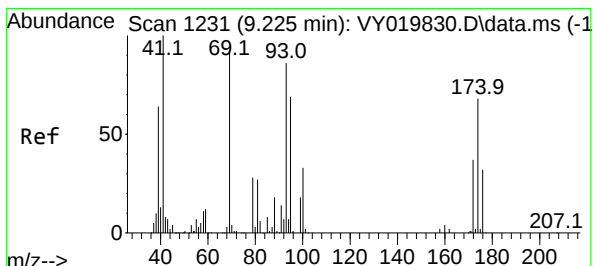
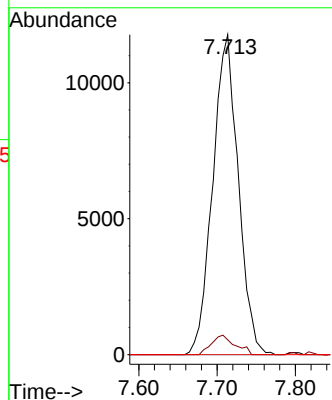
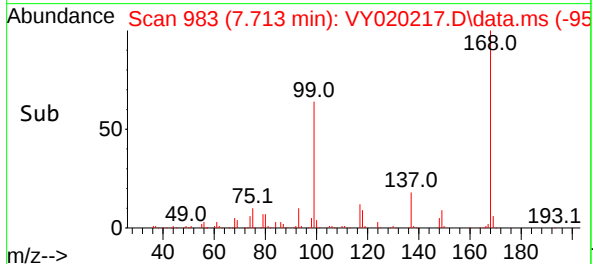


#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

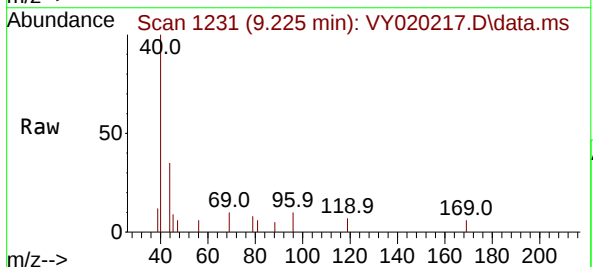
Instrument :
MSVOA_Y
ClientSampleId :



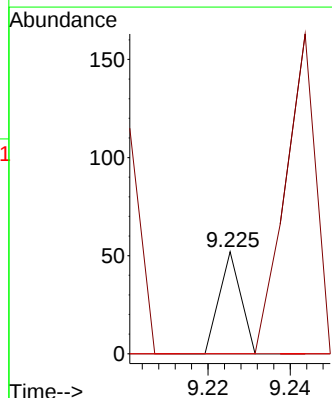
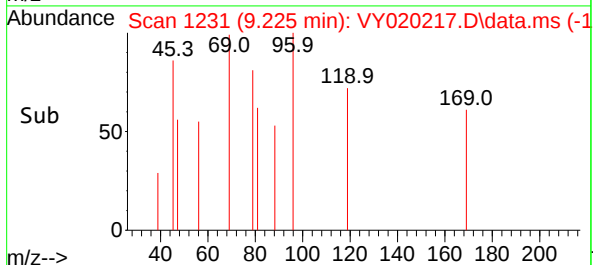
Tgt Ion:117 Resp: 26632
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#

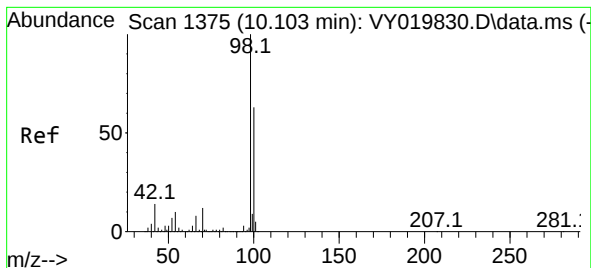


#49
1,4-Dioxane
Concen: 1.027 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14



Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

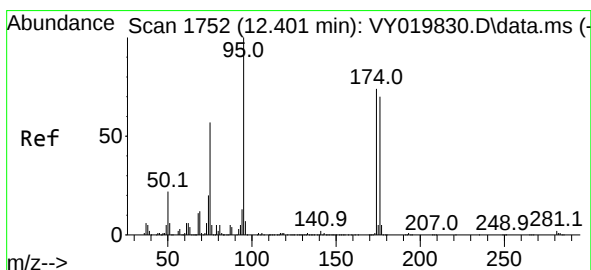
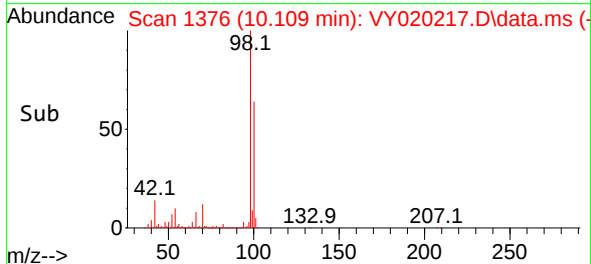
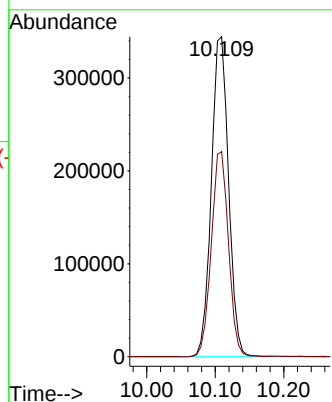
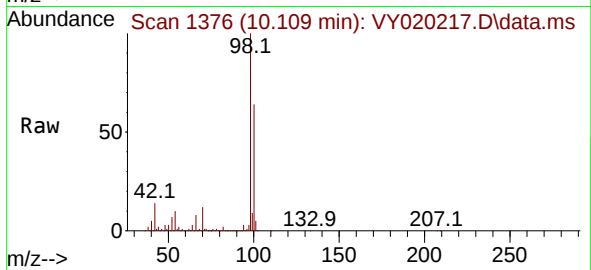




#50
Toluene-d8
Concen: 49.189 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

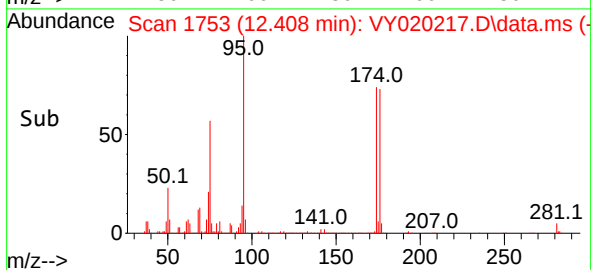
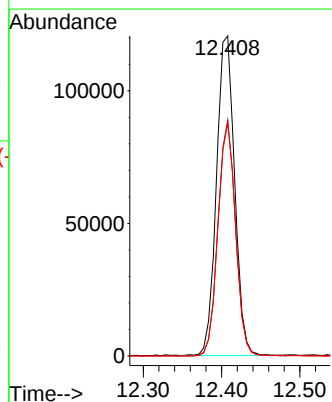
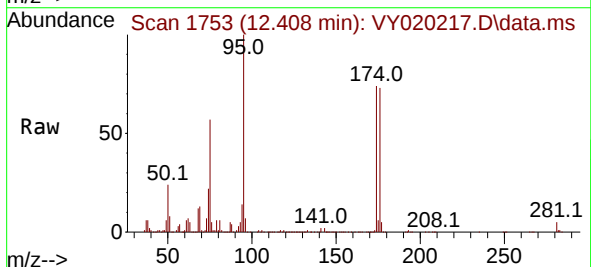
Instrument :
MSVOA_Y
ClientSampleId :

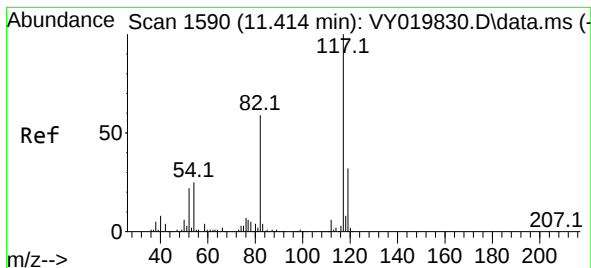
Tgt Ion: 98 Resp: 601986
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.839 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

Tgt Ion: 95 Resp: 194140
Ion Ratio Lower Upper
95 100
174 71.5 0.0 175.6
176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020217.D

Acq: 07 Nov 2024 19:14

Instrument :

MSVOA_Y

ClientSampleId :

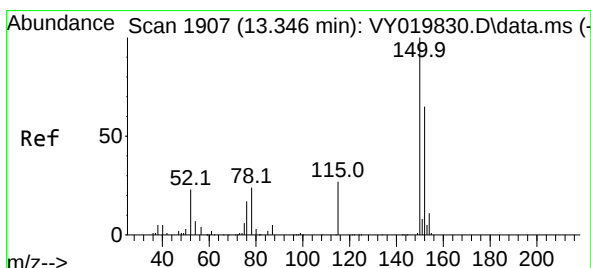
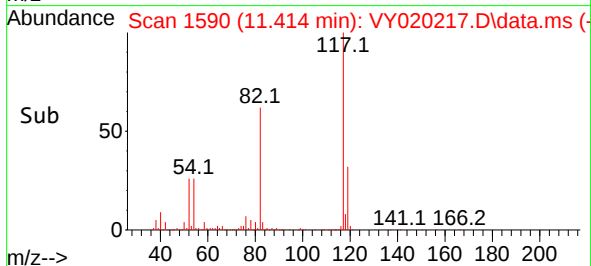
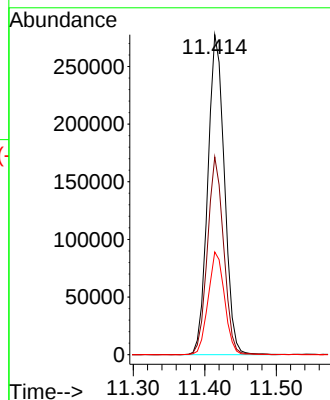
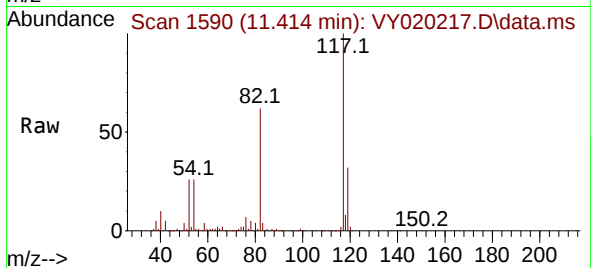
Tgt Ion:117 Resp: 448941

Ion Ratio Lower Upper

117 100

82 61.8 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020217.D

Acq: 07 Nov 2024 19:14

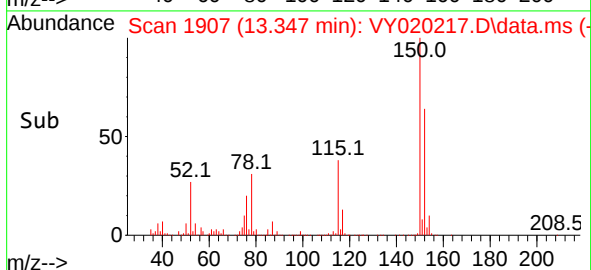
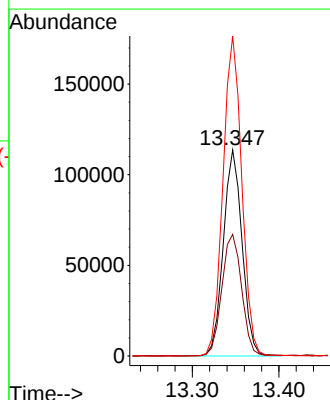
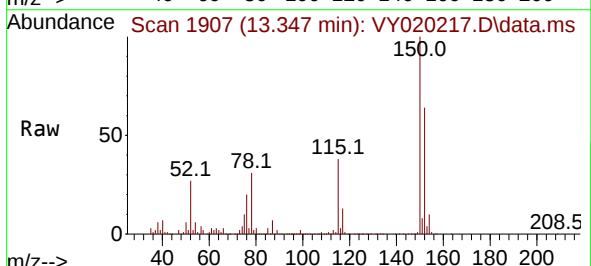
Tgt Ion:152 Resp: 171064

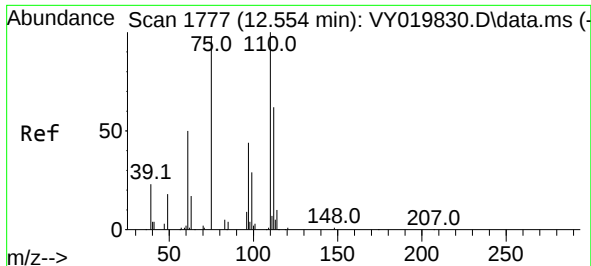
Ion Ratio Lower Upper

152 100

115 62.0 28.2 84.7

150 155.4 0.0 345.6

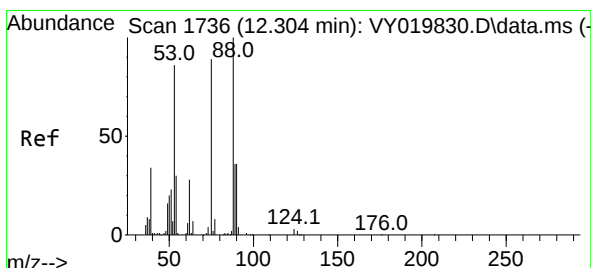
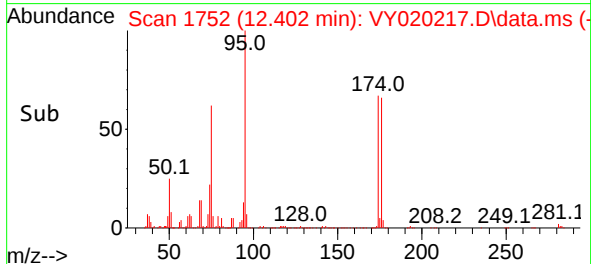
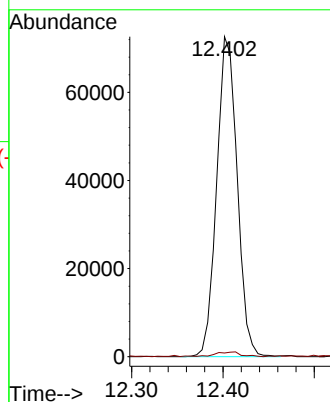
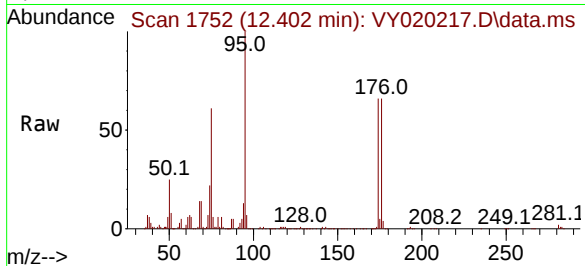




#76
1,2,3-Trichloropropane
Concen: 70.632 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 113261
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.926 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020217.D
Acq: 07 Nov 2024 19:14

Tgt Ion: 75 Resp: 113261
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

