

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020229.D
 Acq On : 08 Nov 2024 13:38
 Operator : SY/MD
 Sample : P4739-15
 Misc : 4.38g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 22:17:54 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)

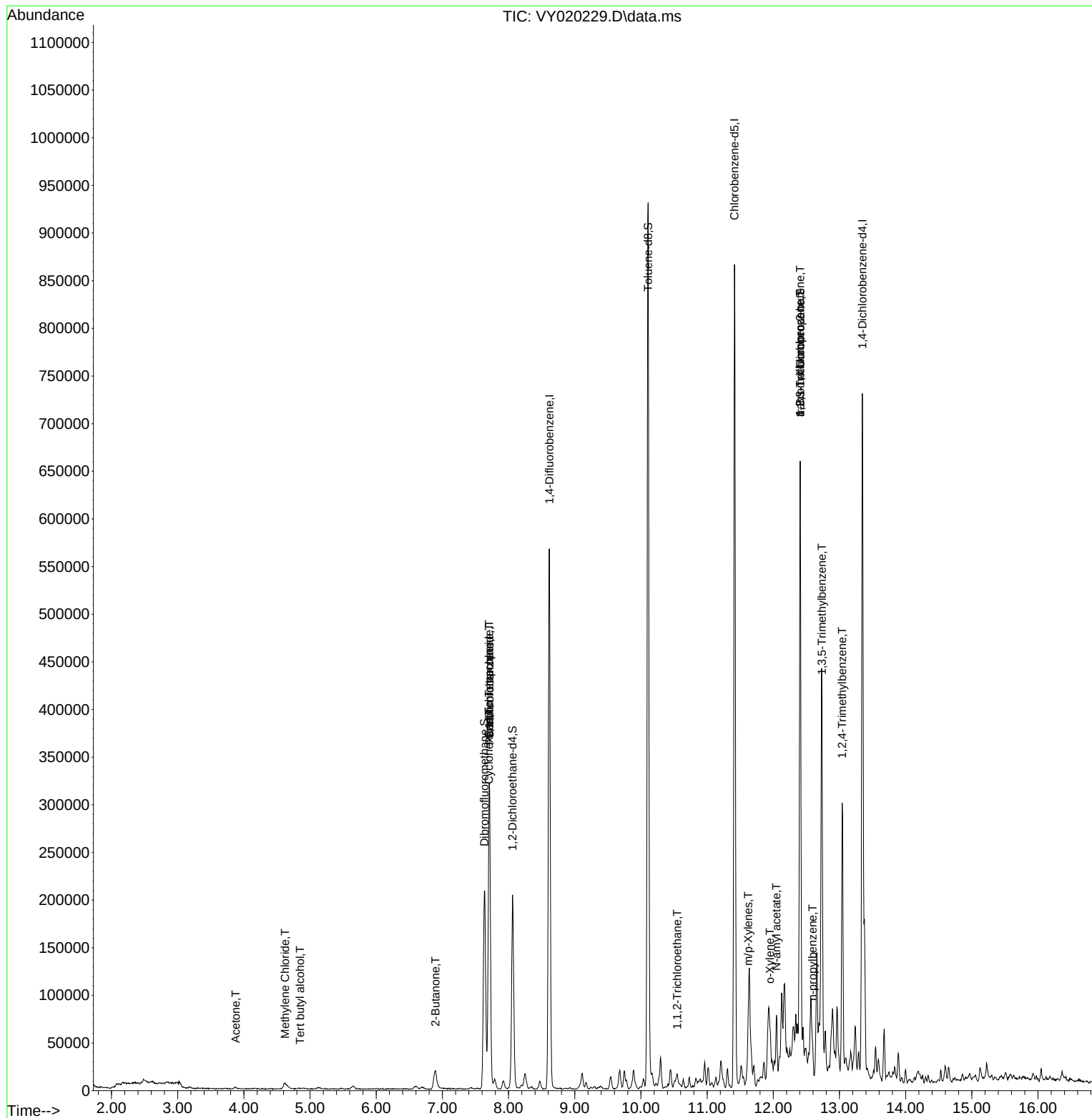
Internal Standards						
1) Pentafluorobenzene	7.713	168	218841	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	451479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	417239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	149864	54.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.740%	
35) Dibromofluoromethane	7.634	113	149141	51.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.920%	
50) Toluene-d8	10.109	98	570722	49.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.407	95	181999	49.040	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.080%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.848	59	770	3.919	ug/l	# 88
16) Acetone	3.878	43	3009	4.737	ug/l	91
20) Methylene Chloride	4.622	84	3199	1.121	ug/l	# 78
25) 2-Butanone	6.896	43	1981	2.301	ug/l	98
31) Cyclohexane	7.701	56	8697	1.755	ug/l	# 62
36) 1,1-Dichloropropene	7.707	75	22146	4.994	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	25363	5.688	ug/l	# 17
55) 1,1,2-Trichloroethane	10.548	97	5243	2.513	ug/l	# 23
68) m/p-Xylenes	11.621	106	16310	2.682	ug/l	91
69) o-Xylene	11.950	106	7132	1.239	ug/l	88
74) N-amyl acetate	12.048	43	14368	4.571	ug/l	# 52
76) 1,2,3-Trichloropropane	12.407	75	106686	72.300	ug/l	# 100
78) n-propylbenzene	12.596	91	22632	1.446	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	68133	6.749	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.407	75	106686	155.514	ug/l	# 16
84) 1,2,4-Trimethylbenzene	13.041	105	144173	14.418	ug/l	95

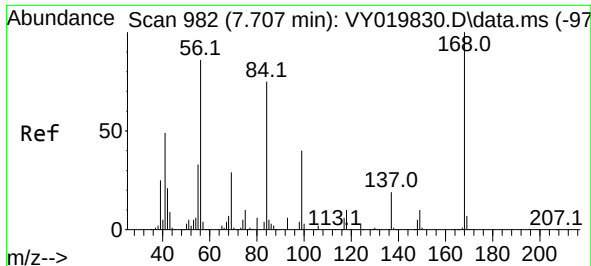
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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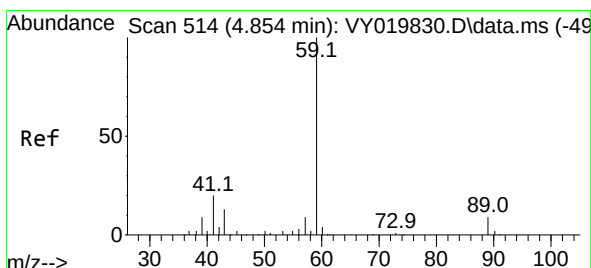
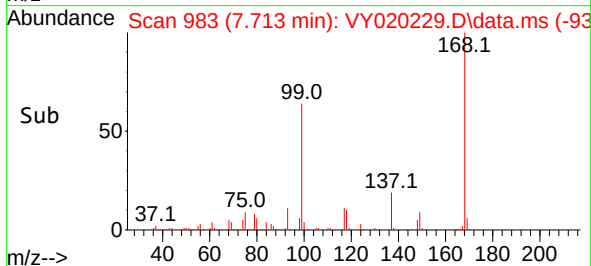
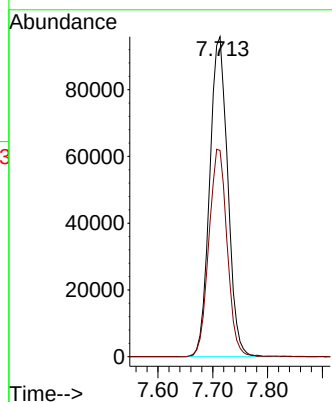
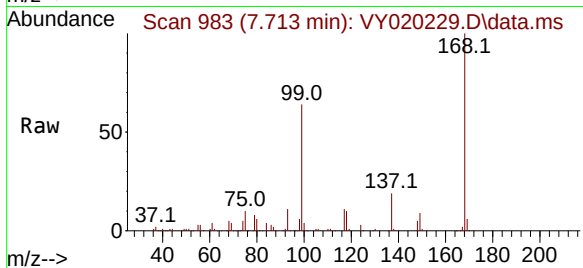




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

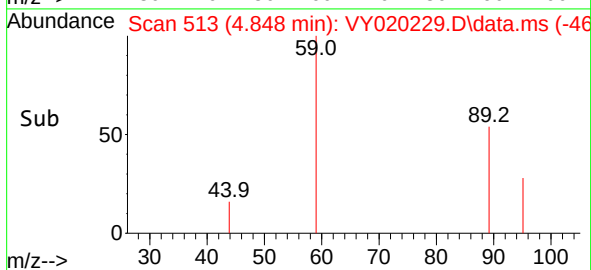
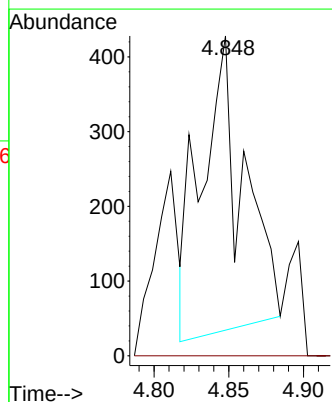
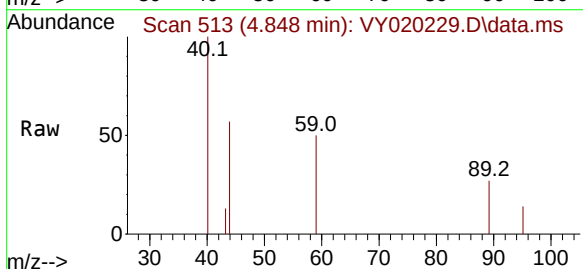
Instrument :
MSVOA_Y
ClientSampleId :

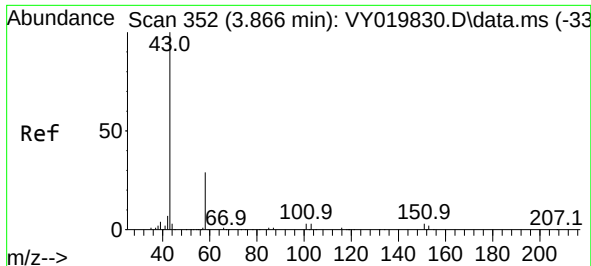
Tgt Ion:168 Resp: 218841
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.919 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 59 Resp: 770
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

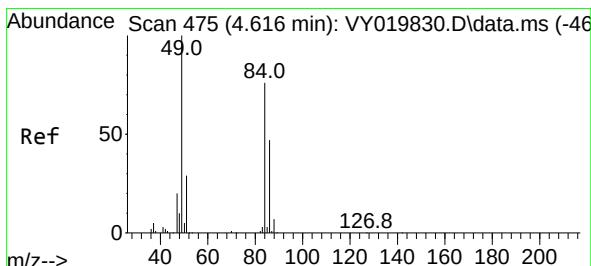
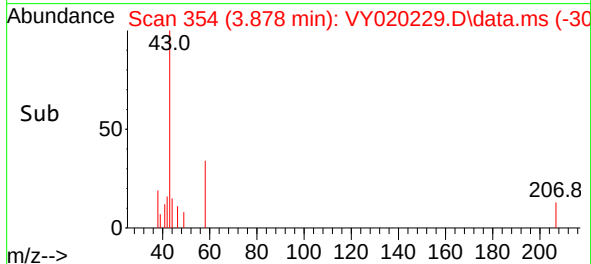
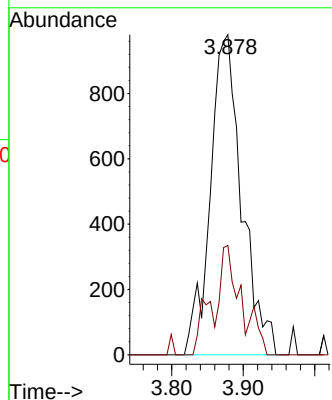
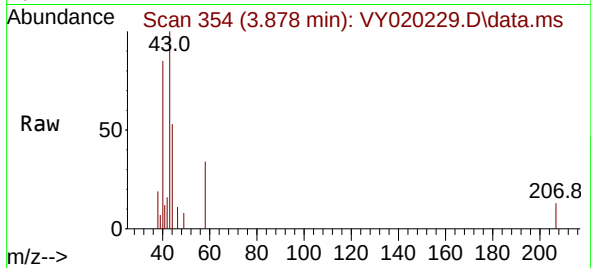




#16
Acetone
Concen: 4.737 ug/l
RT: 3.878 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

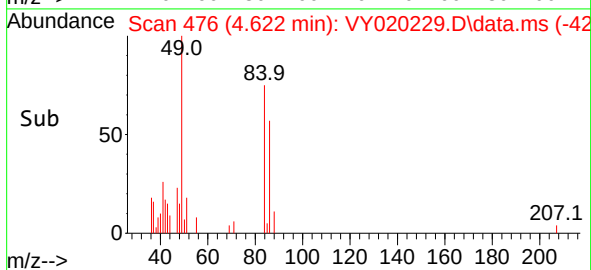
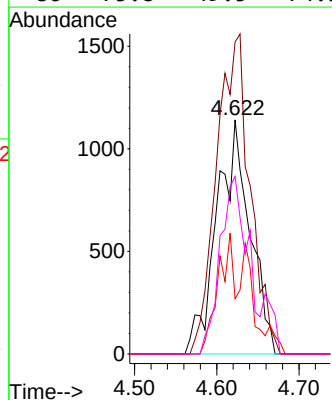
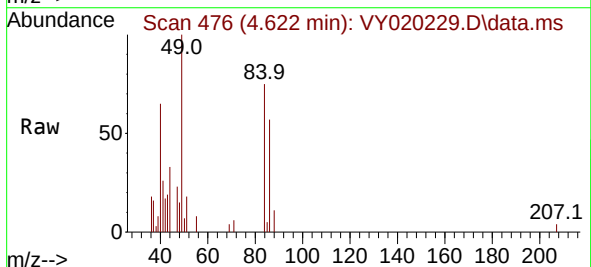
Instrument :
MSVOA_Y
ClientSampleId :

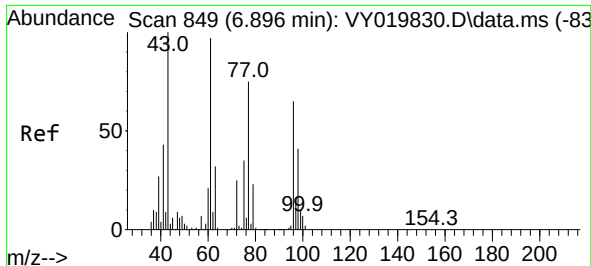
Tgt Ion: 43 Resp: 3009
Ion Ratio Lower Upper
43 100
58 34.2 31.7 47.5



#20
Methylene Chloride
Concen: 1.121 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 84 Resp: 3199
Ion Ratio Lower Upper
84 100
49 133.2 84.4 126.6#
51 23.6 26.0 39.0#
86 75.8 49.5 74.3#

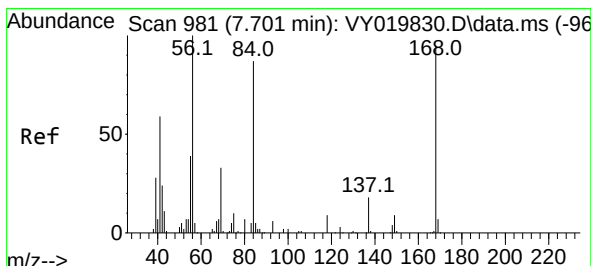
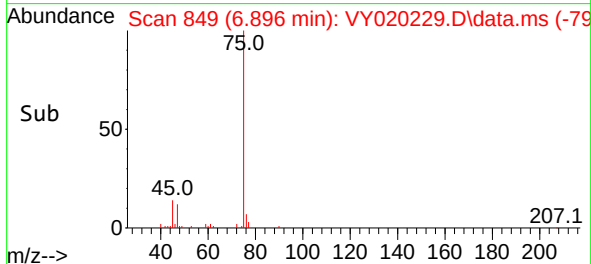
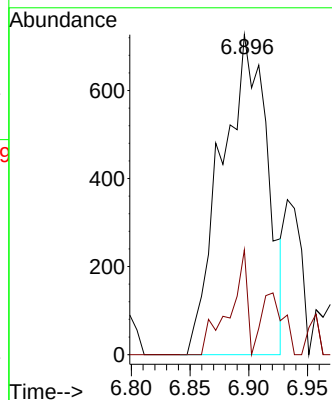
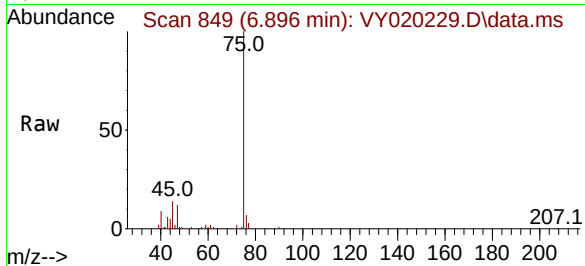




#25
2-Butanone
Concen: 2.301 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

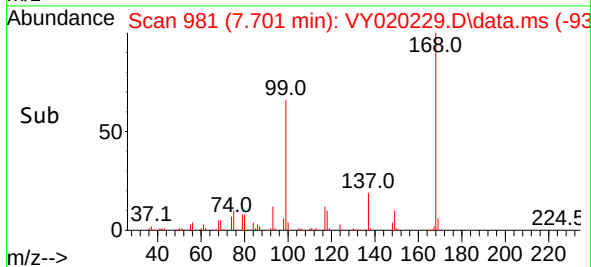
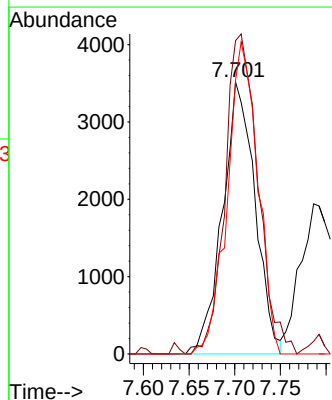
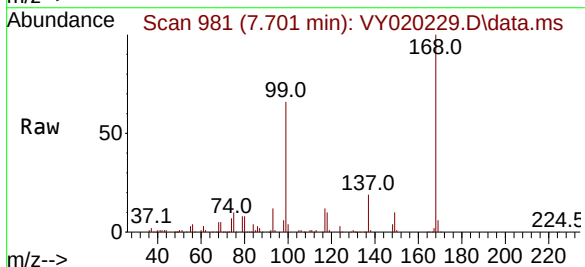
Instrument :
MSVOA_Y
ClientSampleId :

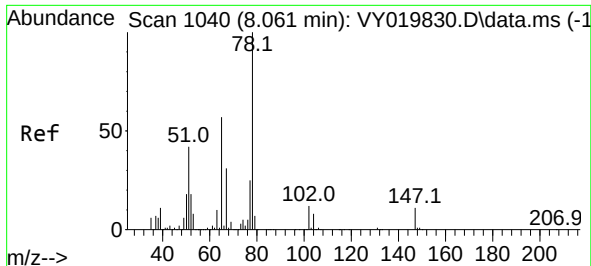
Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
72 32.7 27.3 40.9



#31
Cyclohexane
Concen: 1.755 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 56 Resp: 8697
Ion Ratio Lower Upper
56 100
69 113.6 28.7 43.1#
84 100.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 54.870 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

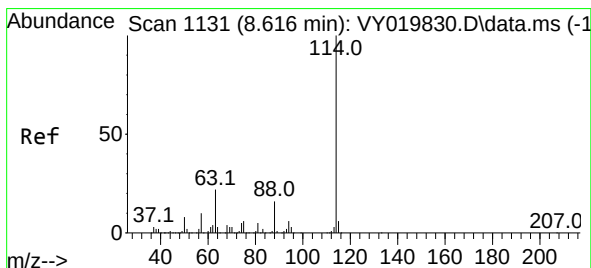
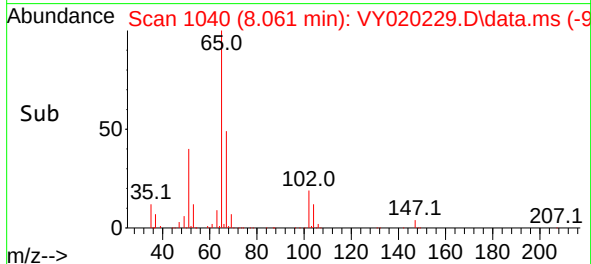
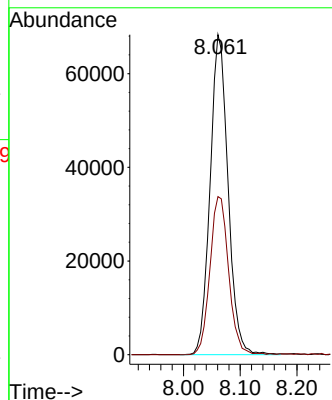
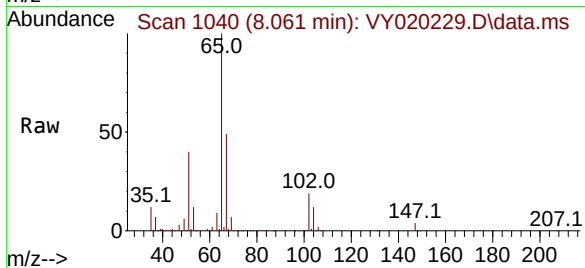
ClientSampleId :

Tgt Ion: 65 Resp: 149864

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

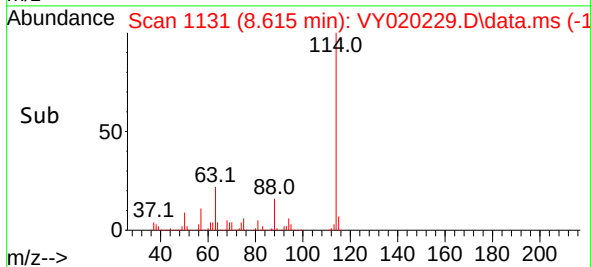
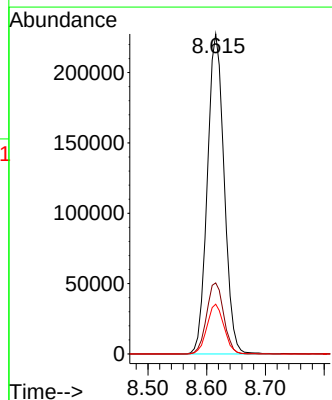
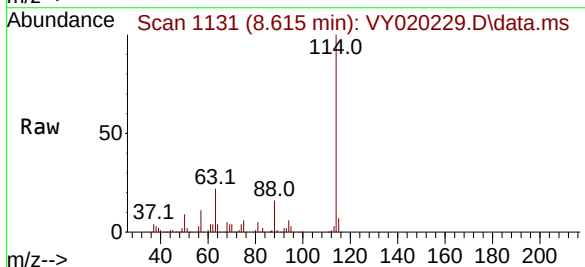
Tgt Ion: 114 Resp: 451479

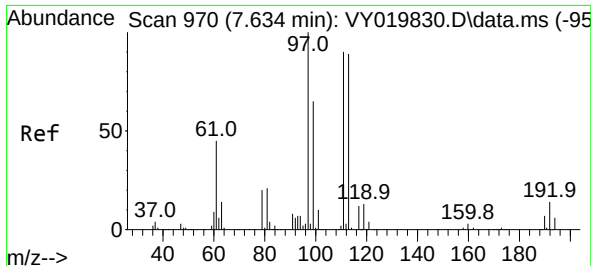
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

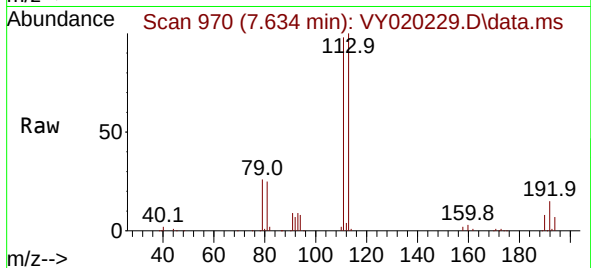
88 15.5 0.0 27.2



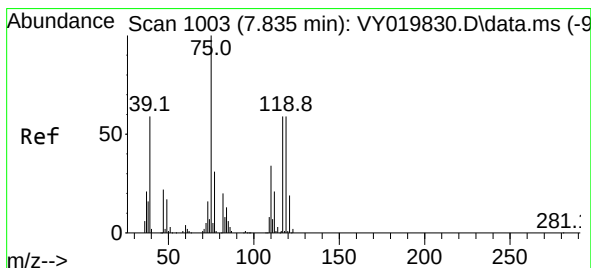
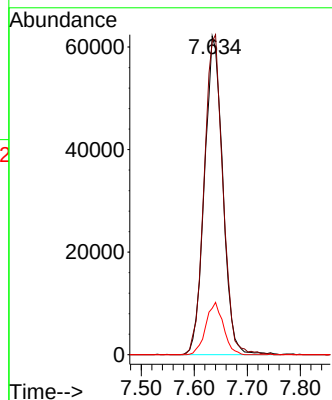
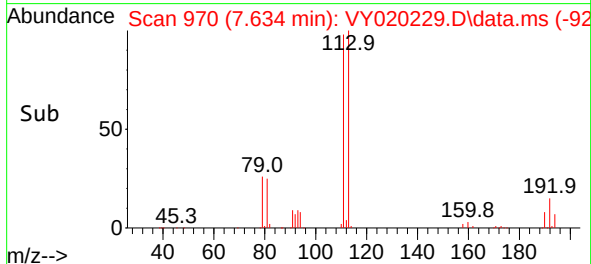


#35
Dibromofluoromethane
Concen: 51.957 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

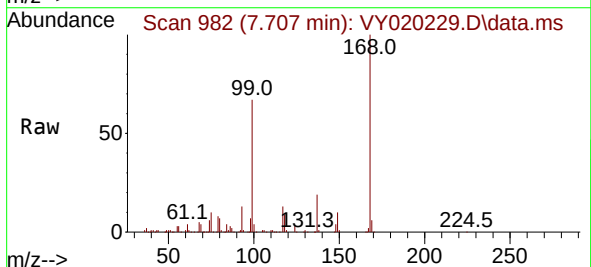
Instrument :
MSVOA_Y
ClientSampleId :



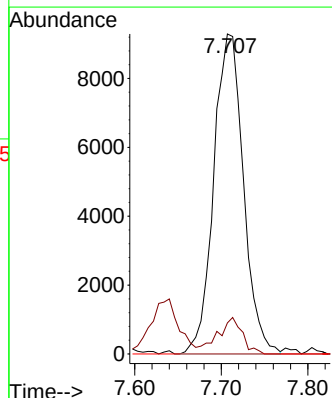
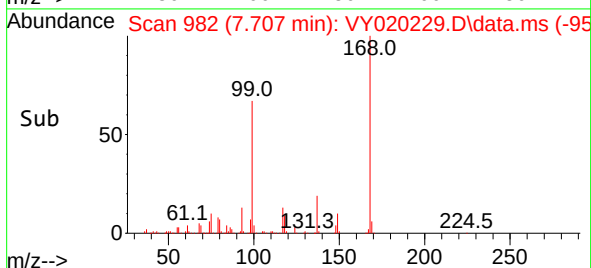
Tgt Ion:113 Resp: 149141
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 15.8 15.9 23.9#

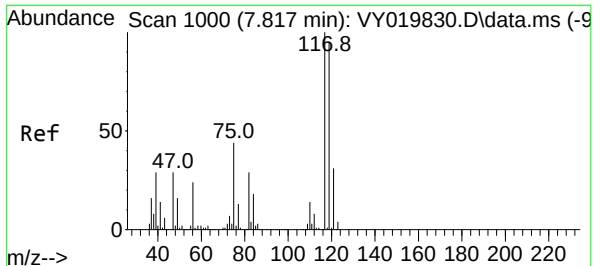


#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38



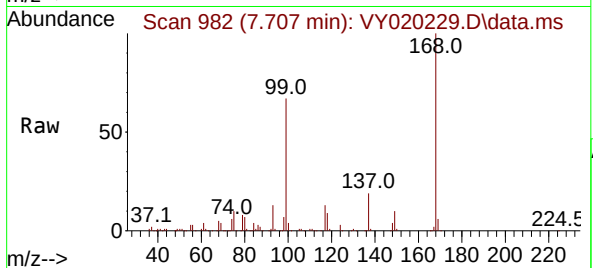
Tgt Ion: 75 Resp: 22146
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.0 25.3 37.9#



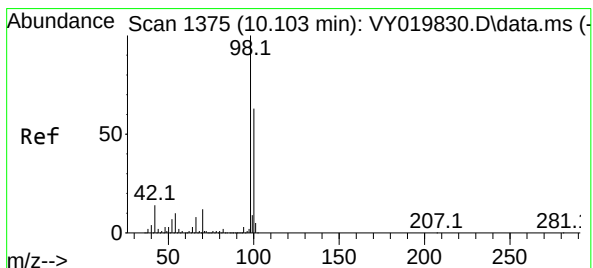
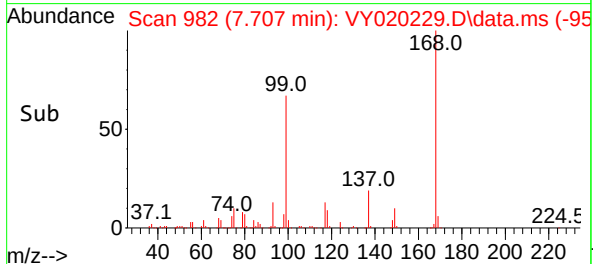
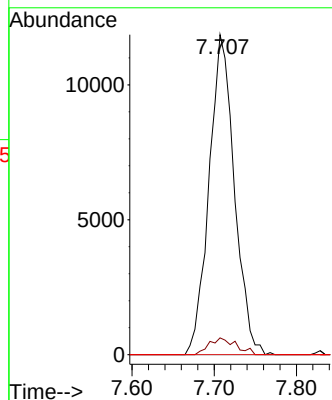


#38
Carbon Tetrachloride
Concen: 5.688 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :

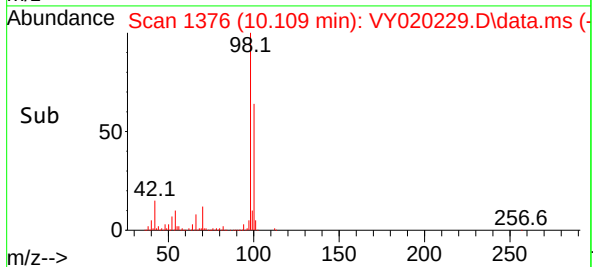
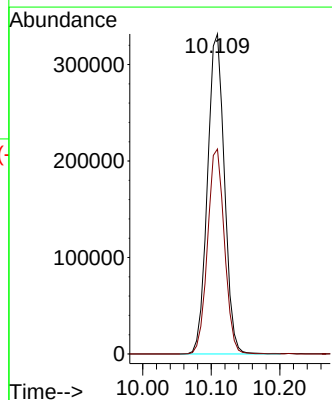
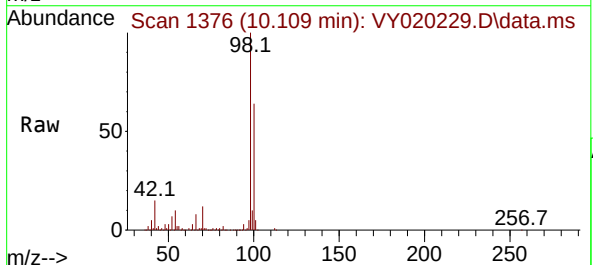


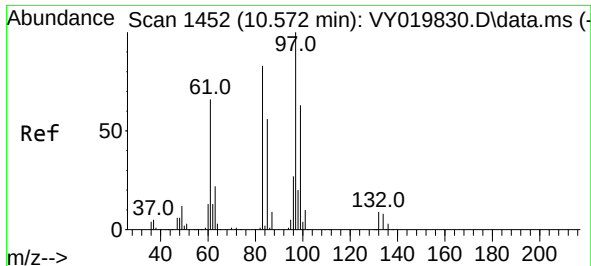
Tgt Ion:117 Resp: 25363
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.950 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 98 Resp: 570722
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

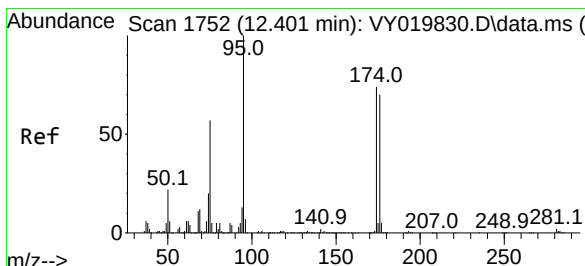
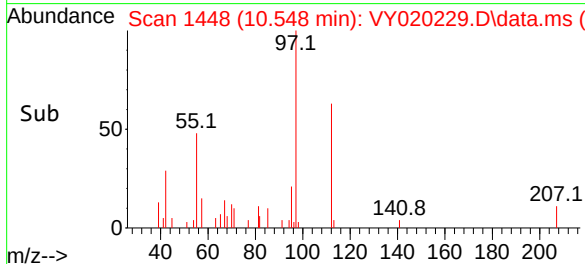
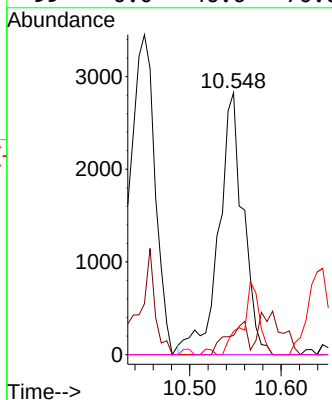
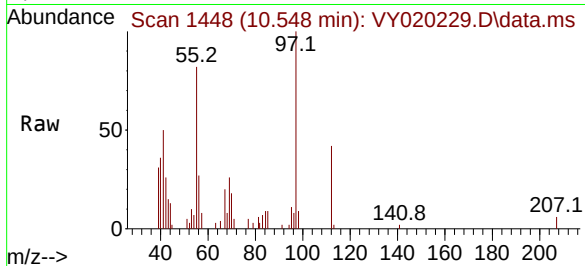




#55
1,1,2-Trichloroethane
Concen: 2.513 ug/l
RT: 10.548 min Scan# 1452
Delta R.T. -0.024 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

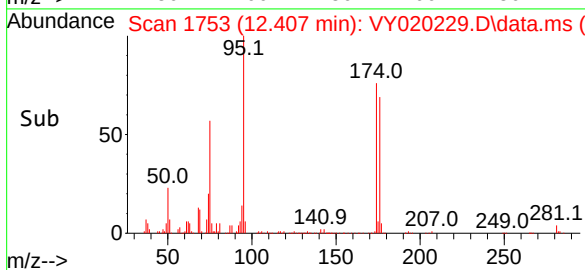
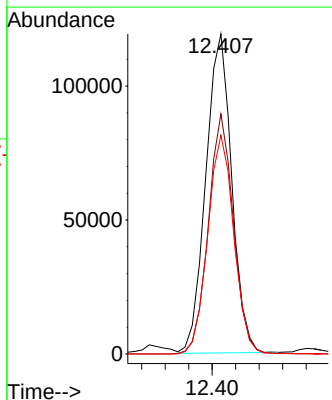
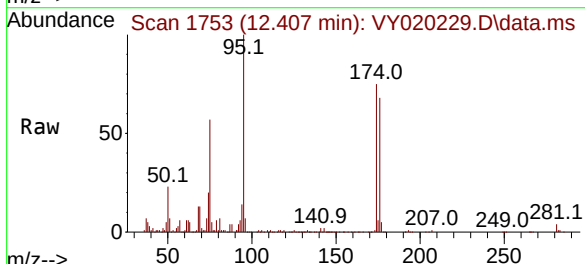
Instrument :
MSVOA_Y
ClientSampleId :

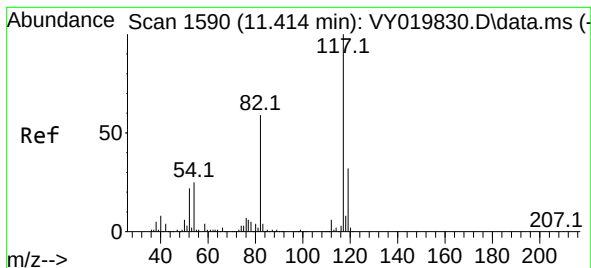
Tgt Ion: 97 Resp: 5243
Ion Ratio Lower Upper
97 100
83 7.3 67.5 101.3#
85 8.9 42.9 64.3#
99 0.0 46.6 70.0#



#62
4-Bromofluorobenzene
Concen: 49.040 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 95 Resp: 181999
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 69.2 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: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

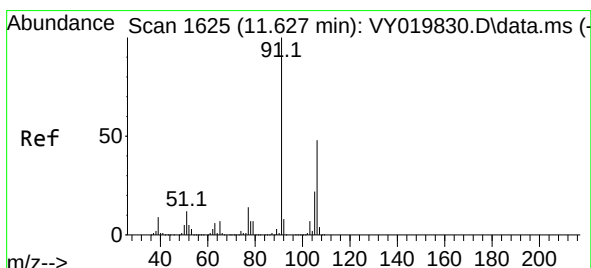
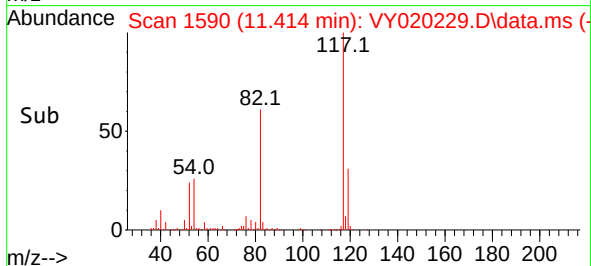
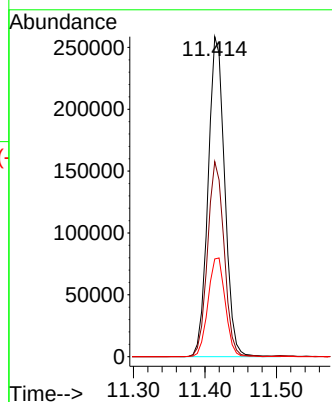
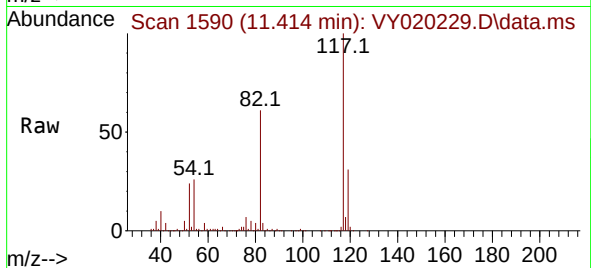
Tgt Ion:117 Resp: 417239

Ion Ratio Lower Upper

117 100

82 60.9 42.4 63.6

119 30.5 25.9 38.9



#68

m/p-Xylenes

Concen: 2.682 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY020229.D

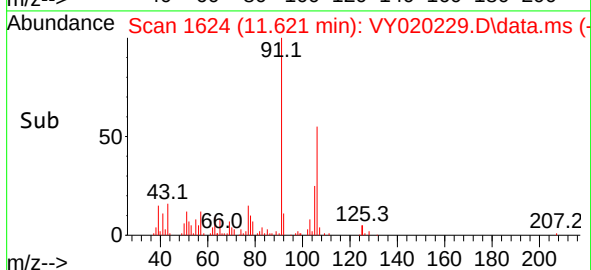
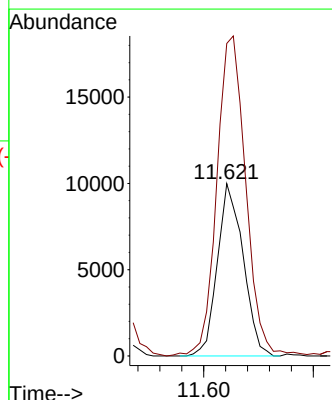
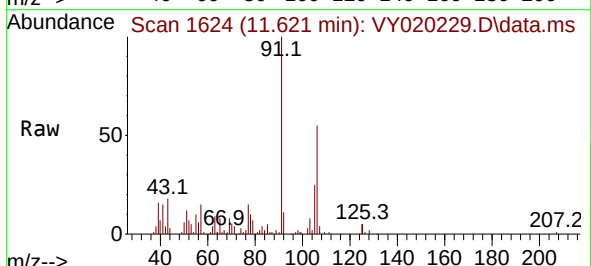
Acq: 08 Nov 2024 13:38

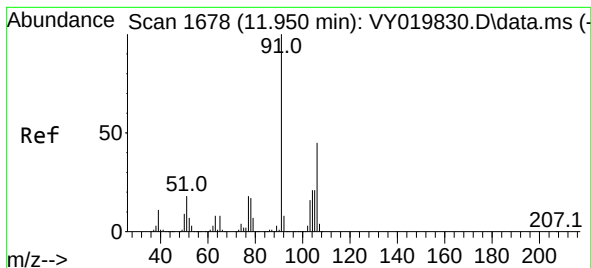
Tgt Ion:106 Resp: 16310

Ion Ratio Lower Upper

106 100

91 208.6 156.0 234.0





#69

o-Xylene

Concen: 1.239 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

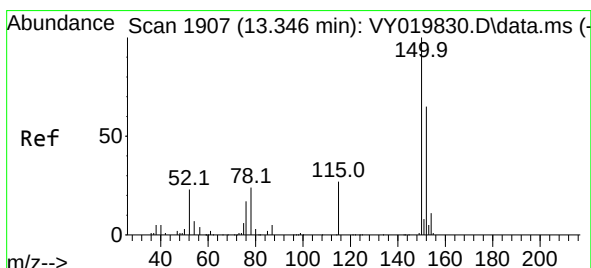
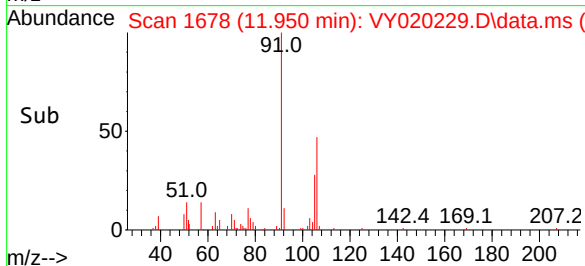
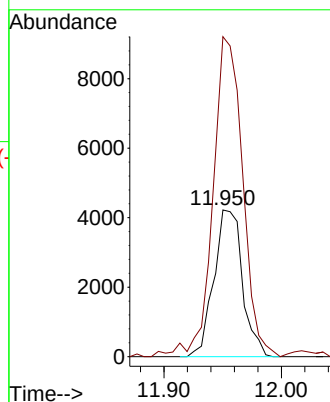
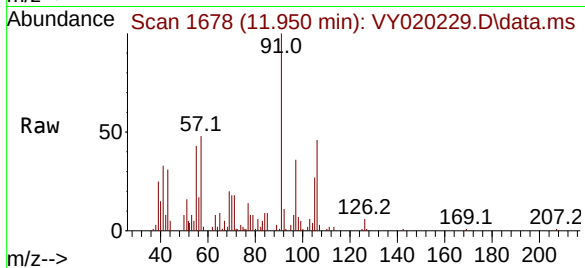
ClientSampleId :

Tgt Ion:106 Resp: 7132

Ion Ratio Lower Upper

106 100

91 226.5 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

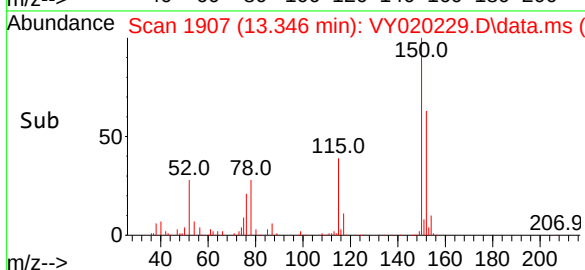
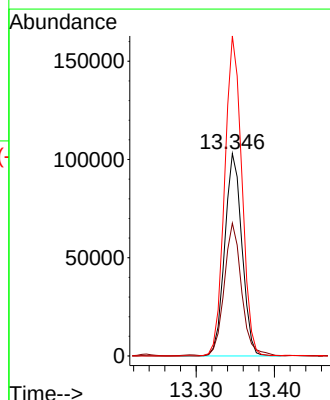
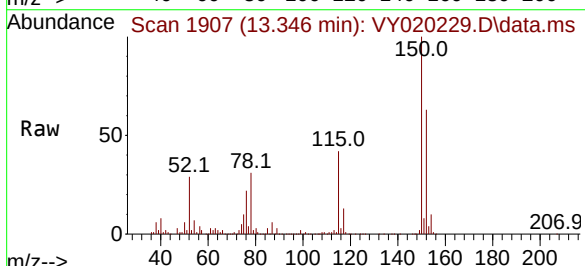
Tgt Ion:152 Resp: 157416

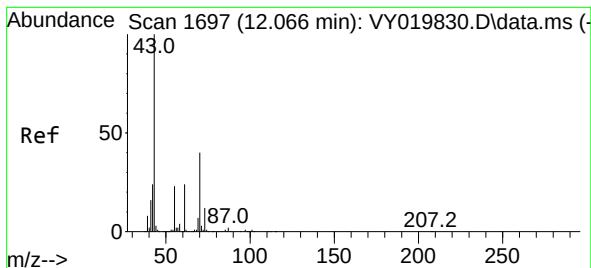
Ion Ratio Lower Upper

152 100

115 65.8 28.2 84.7

150 157.8 0.0 345.6





#74

N-amy1 acetate

Concen: 4.571 ug/l

RT: 12.048 min Scan# 1

Delta R.T. -0.024 min

Lab File: VY020229.D

Acq: 08 Nov 2024 13:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 14368

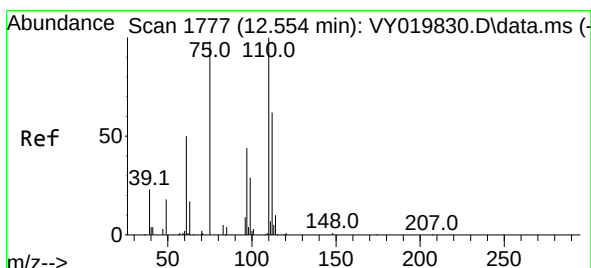
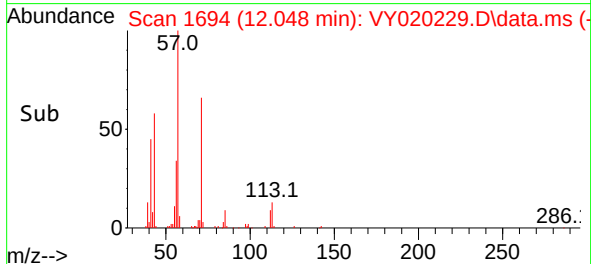
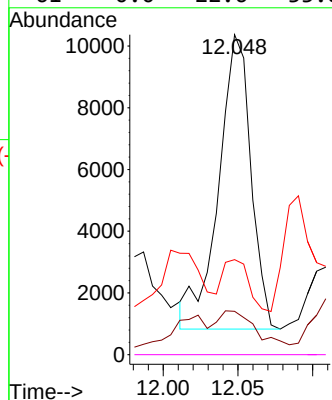
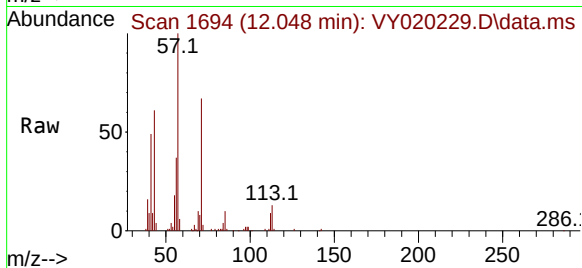
Ion Ratio Lower Upper

43 100

70 12.8 41.4 62.2#

55 13.6 23.3 34.9#

61 0.0 22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 72.300 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020229.D

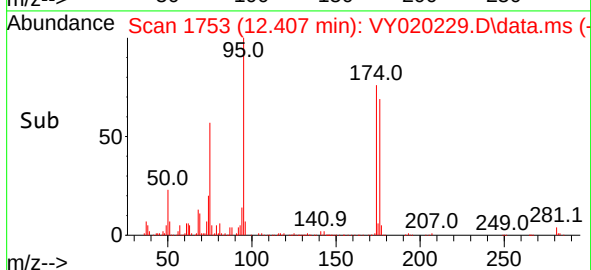
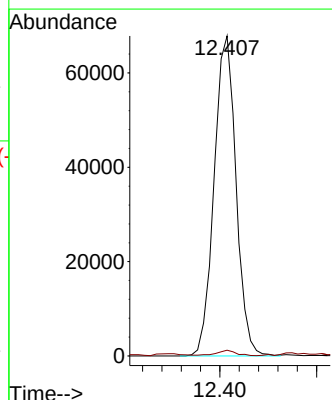
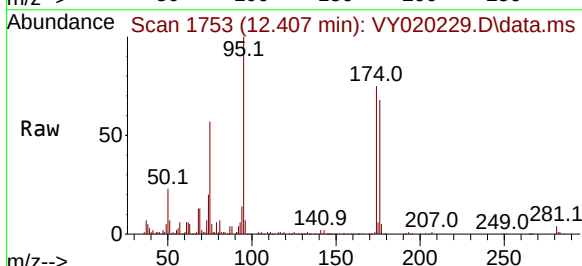
Acq: 08 Nov 2024 13:38

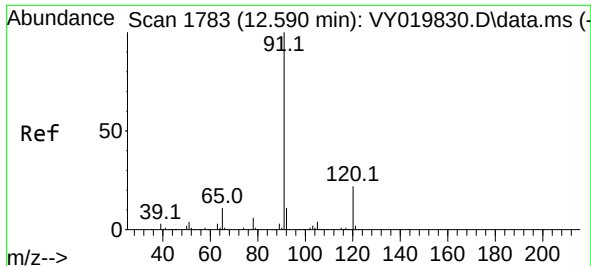
Tgt Ion: 75 Resp: 106686

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

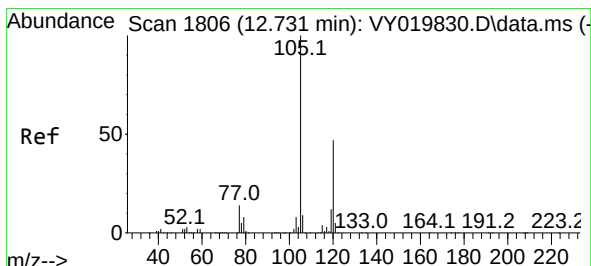
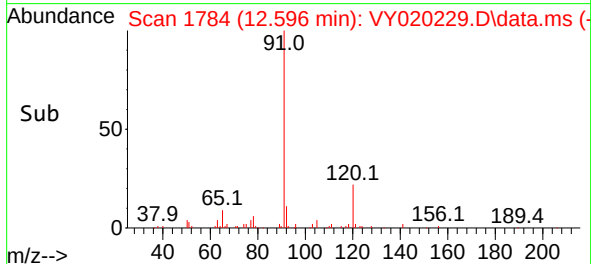
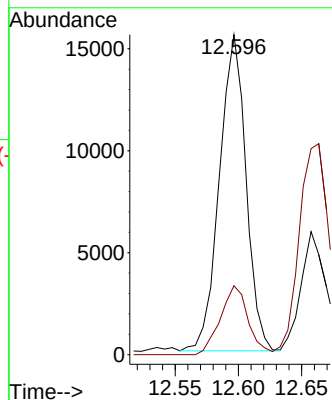
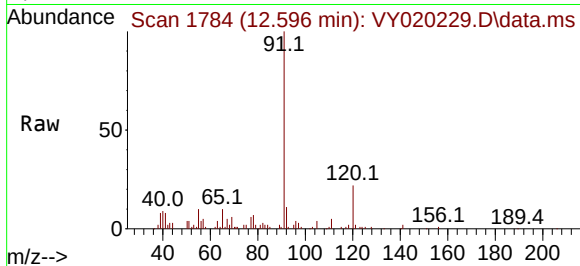




#78
n-propylbenzene
Concen: 1.446 ug/l
RT: 12.596 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

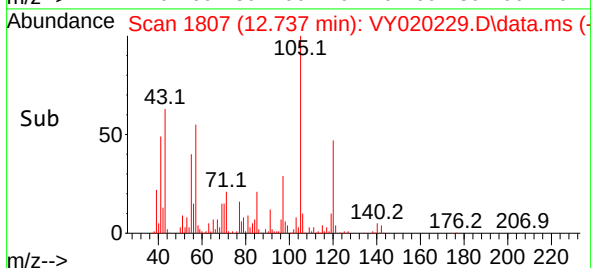
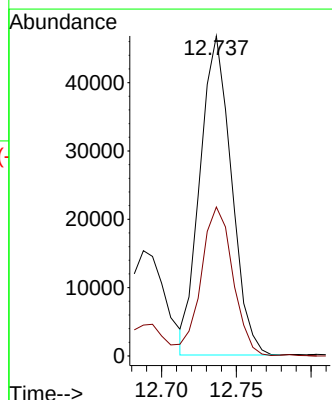
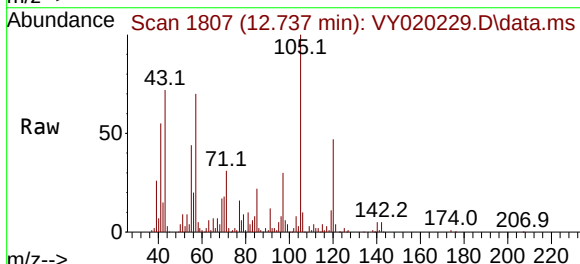
Instrument :
MSVOA_Y
ClientSampleId :

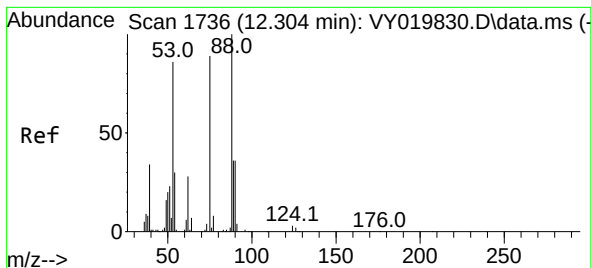
Tgt Ion: 91 Resp: 22632
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 6.749 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 105 Resp: 68133
Ion Ratio Lower Upper
105 100
120 47.2 25.1 75.2

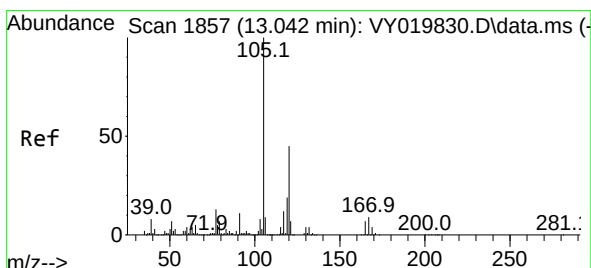
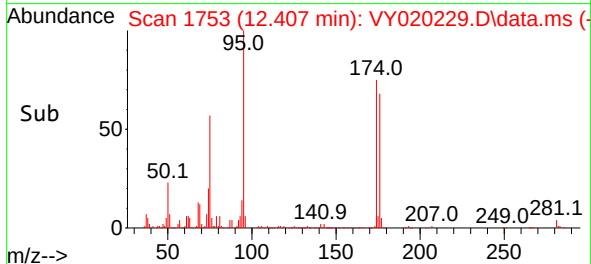
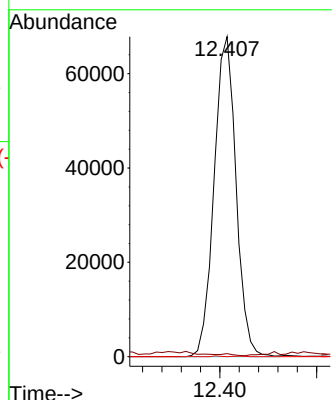
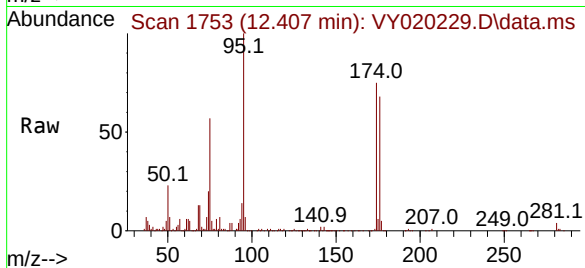




#81
trans-1,4-Dichloro-2-butene
Concen: 155.514 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 106686
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#84
1,2,4-Trimethylbenzene
Concen: 14.418 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY020229.D
Acq: 08 Nov 2024 13:38

Tgt Ion: 105 Resp: 144173
Ion Ratio Lower Upper
105 100
120 42.9 23.2 69.6

