

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020222.D
 Acq On : 08 Nov 2024 10:40
 Operator : SY/MD
 Sample : VY1108SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 08 22:14:49 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)

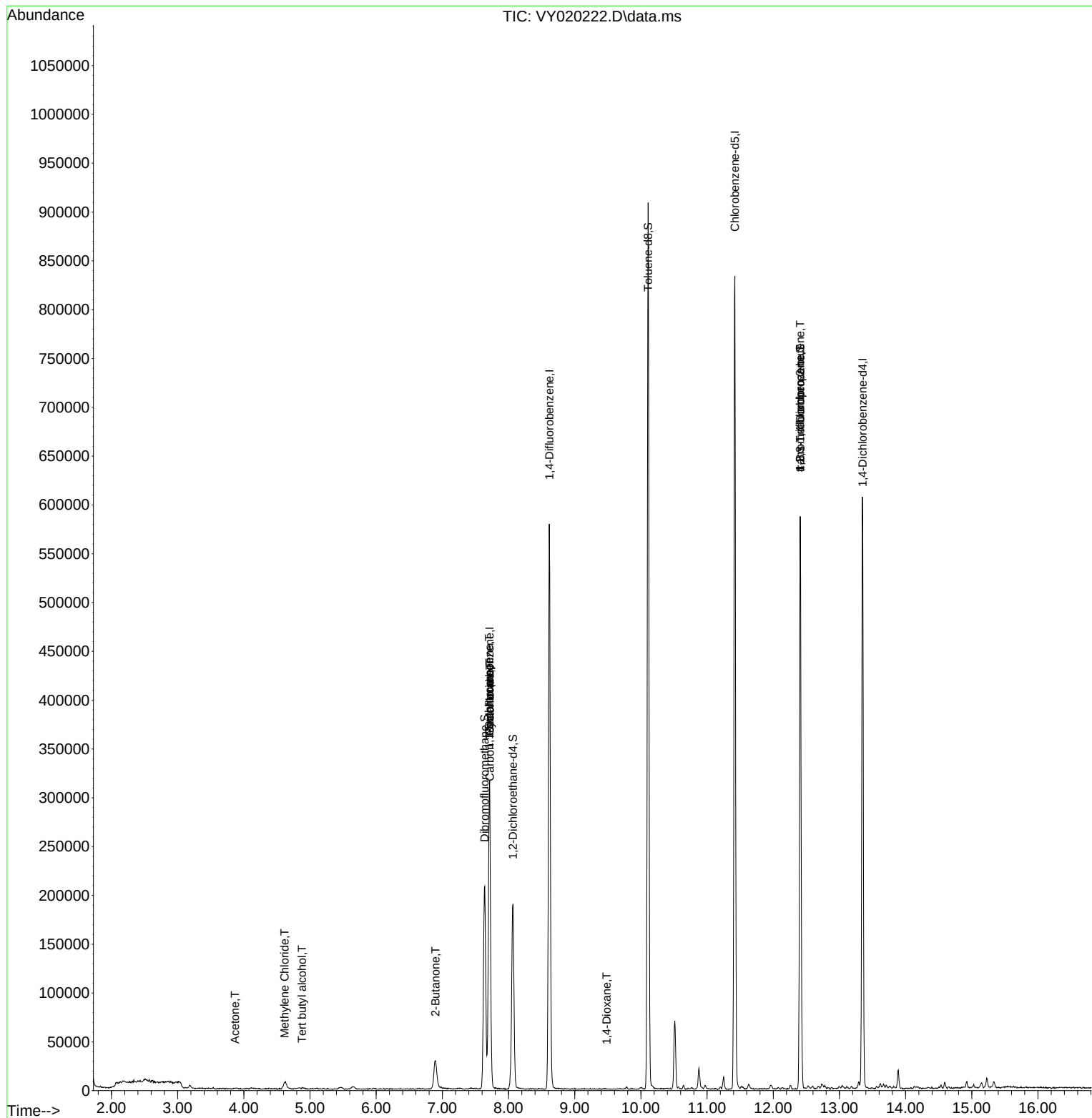
Internal Standards						
1) Pentafluorobenzene	7.713	168	212436	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	452508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	403401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	137264	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	147279	55.549	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.100%	
35) Dibromofluoromethane	7.640	113	145570	50.597	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	101.200%	
50) Toluene-d8	10.109	98	552944	48.284	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	96.560%	
62) 4-Bromofluorobenzene	12.408	95	166242	44.692	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	89.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	694	3.639	ug/l	# 88
16) Acetone	3.866	43	1497	2.428	ug/l	# 78
20) Methylene Chloride	4.616	84	4808	1.736	ug/l	# 88
25) 2-Butanone	6.896	43	2403	2.875	ug/l	# 54
31) Cyclohexane	7.713	56	6474	1.346	ug/l	# 29
36) 1,1-Dichloropropene	7.707	75	22191	4.993	ug/l	# 49
38) Carbon Tetrachloride	7.719	117	24590	5.502	ug/l	# 19
49) 1,4-Dioxane	9.481	88	36	2.079	ug/l	# 20
76) 1,2,3-Trichloropropane	12.408	75	96858	75.276	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	96858	161.916	ug/l	# 16

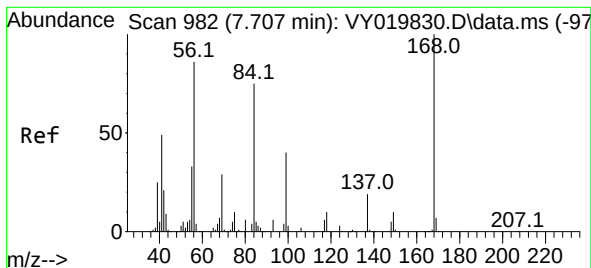
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
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: VY020222.D

Acq: 08 Nov 2024 10:40

Instrument :

MSVOA_Y

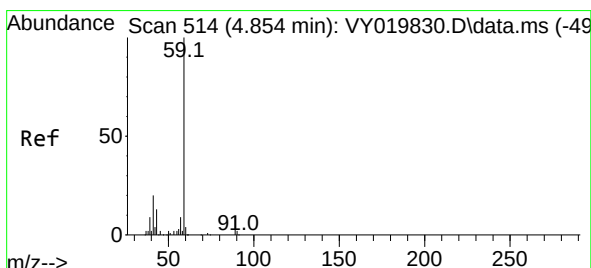
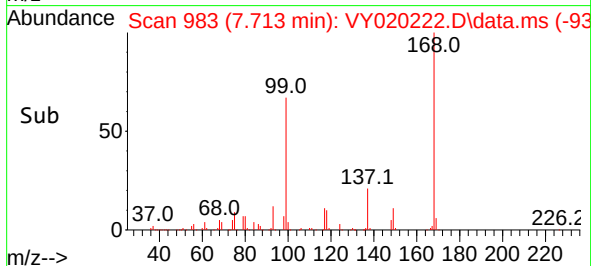
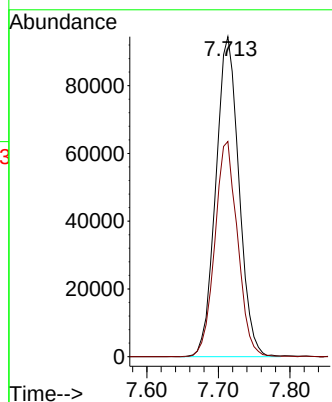
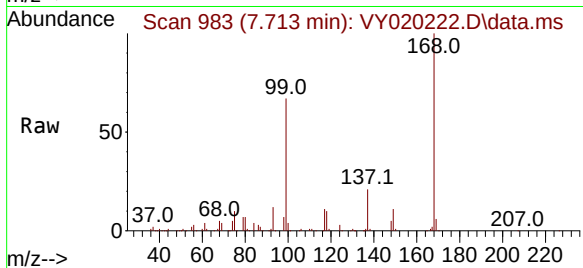
ClientSampleId :

Tgt Ion:168 Resp: 212436

Ion Ratio Lower Upper

168 100

99 67.3 39.1 58.7#



#11

Tert butyl alcohol

Concen: 3.639 ug/l

RT: 4.878 min Scan# 518

Delta R.T. 0.018 min

Lab File: VY020222.D

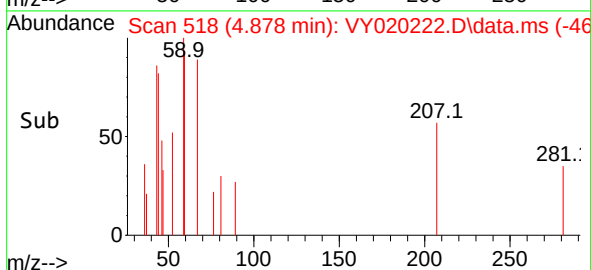
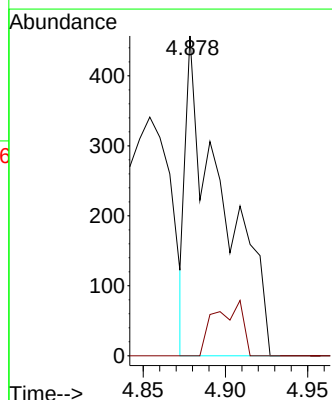
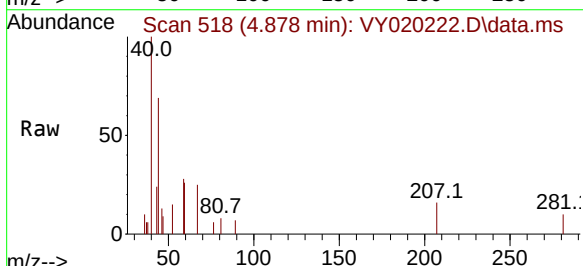
Acq: 08 Nov 2024 10:40

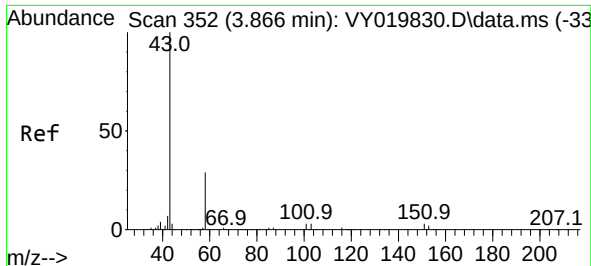
Tgt Ion: 59 Resp: 694

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.428 ug/l

RT: 3.866 min Scan# 3

Delta R.T. -0.006 min

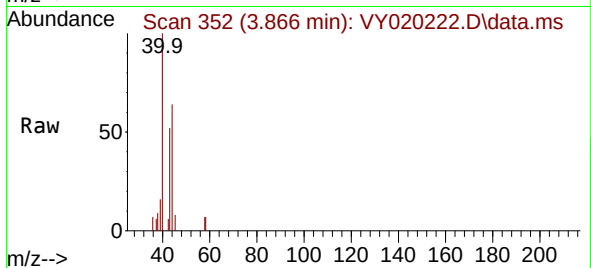
Lab File: VY020222.D

Acq: 08 Nov 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

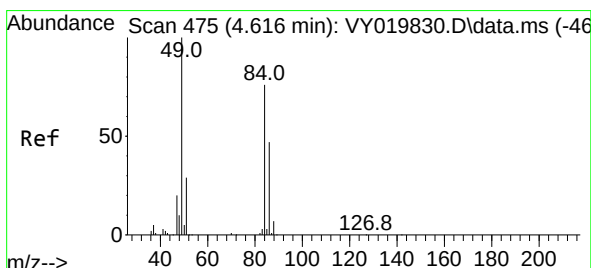
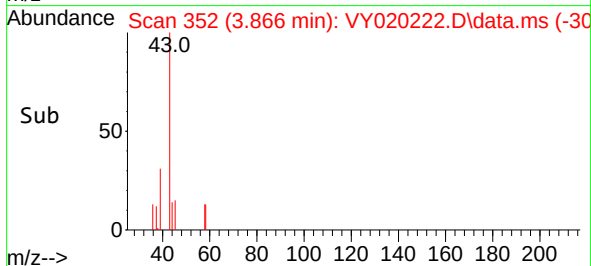
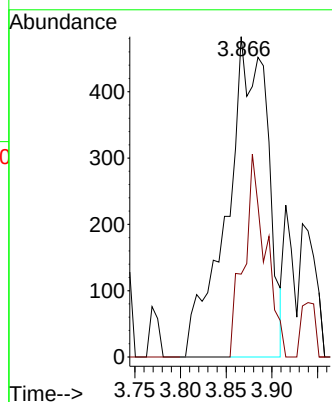


Tgt Ion: 43 Resp: 1497

Ion Ratio Lower Upper

43 100

58 25.9 31.7 47.5#



#20

Methylene Chloride

Concen: 1.736 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY020222.D

Acq: 08 Nov 2024 10:40

Tgt Ion: 84 Resp: 4808

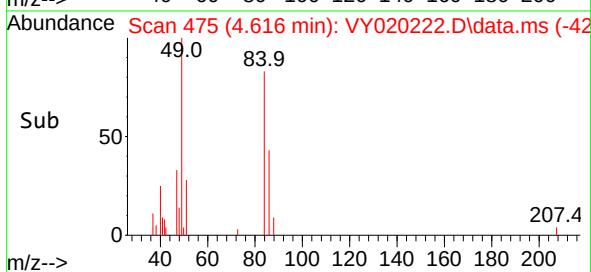
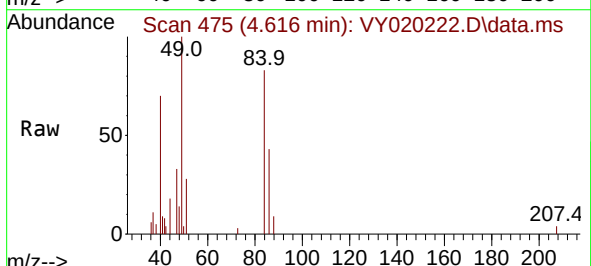
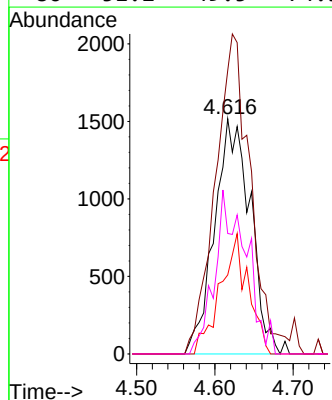
Ion Ratio Lower Upper

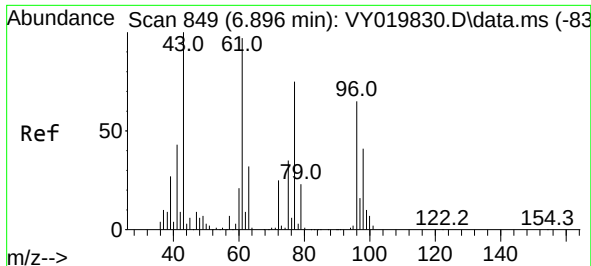
84 100

49 120.5 84.4 126.6

51 33.6 26.0 39.0

86 51.2 49.5 74.3

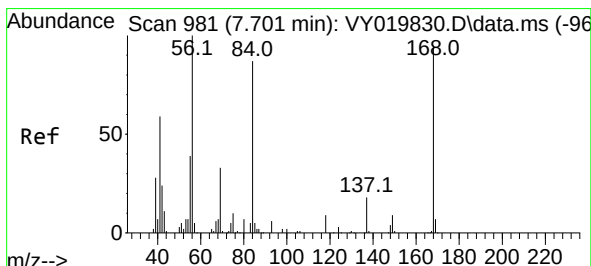
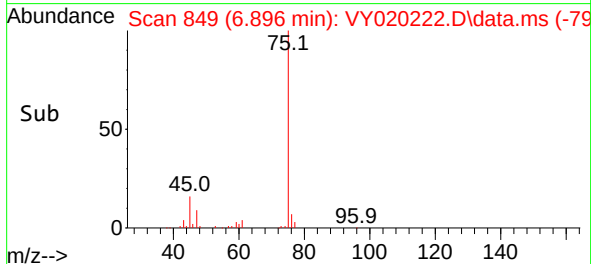
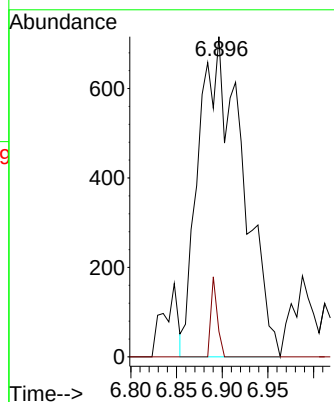
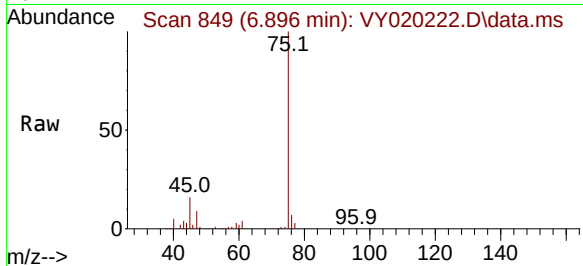




#25
2-Butanone
Concen: 2.875 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

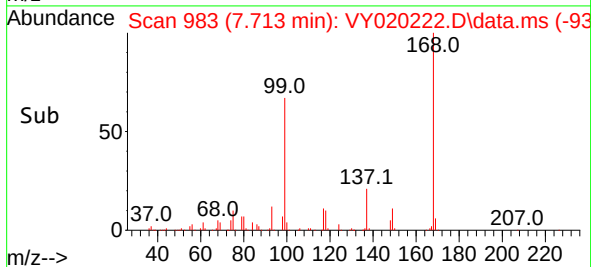
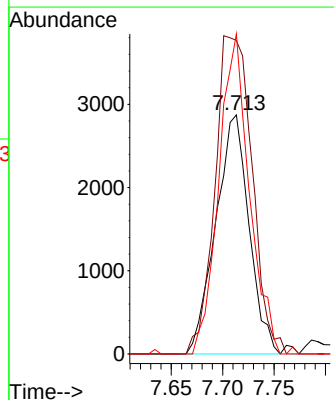
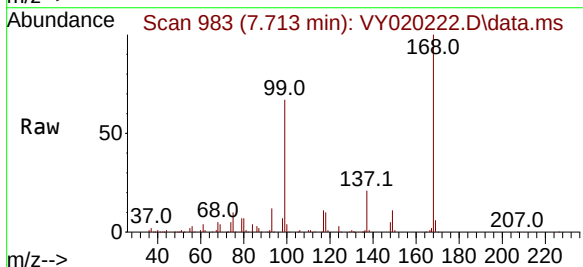
Instrument :
MSVOA_Y
ClientSampleId :

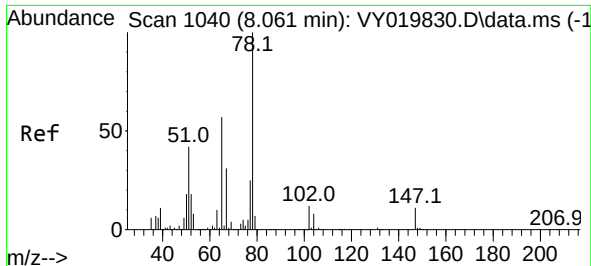
Tgt Ion: 43 Resp: 2403
Ion Ratio Lower Upper
43 100
72 8.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

Tgt Ion: 56 Resp: 6474
Ion Ratio Lower Upper
56 100
69 131.2 28.7 43.1#
84 133.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.549 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY020222.D

Acq: 08 Nov 2024 10:40

Instrument :

MSVOA_Y

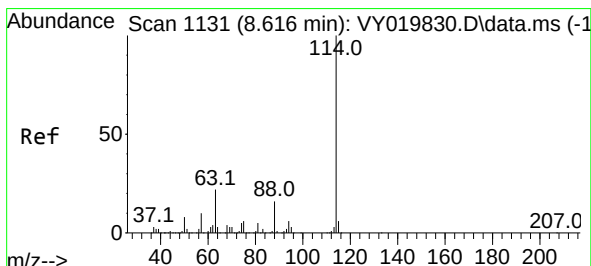
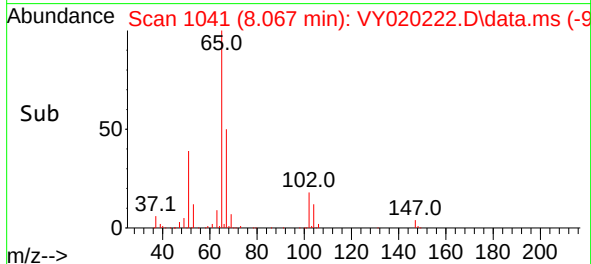
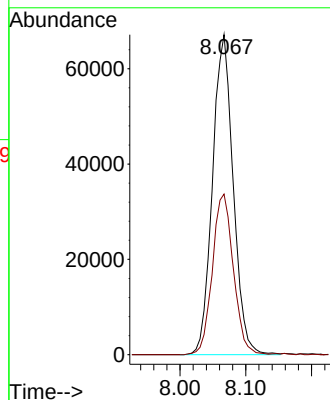
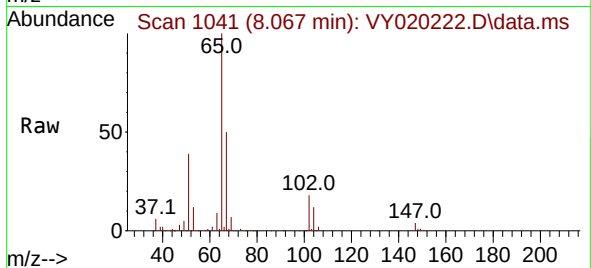
ClientSampleId :

Tgt Ion: 65 Resp: 147279

Ion Ratio Lower Upper

65 100

67 50.8 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: VY020222.D

Acq: 08 Nov 2024 10:40

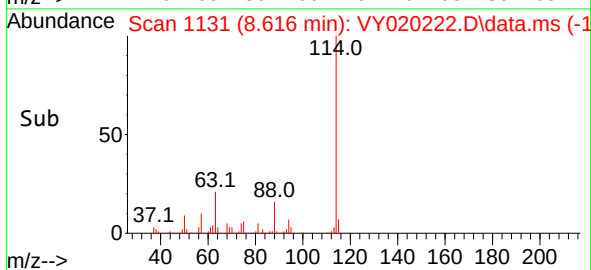
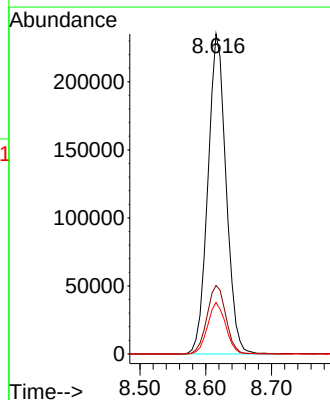
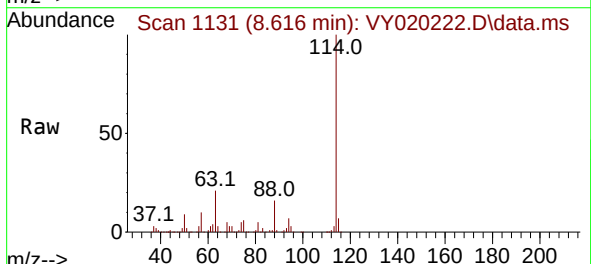
Tgt Ion: 114 Resp: 452508

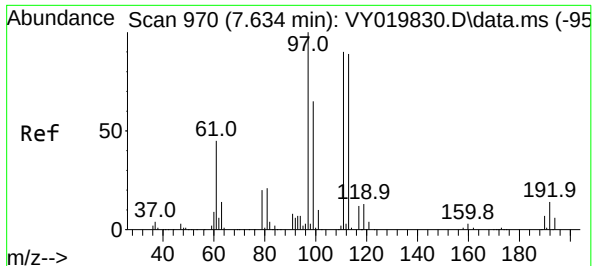
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

88 16.1 0.0 27.2

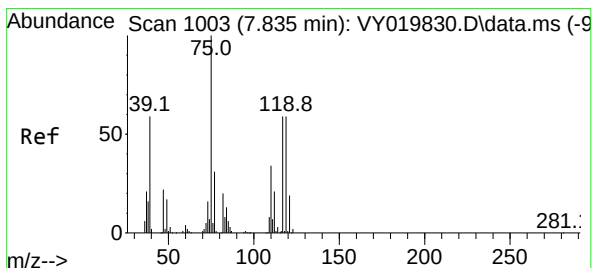
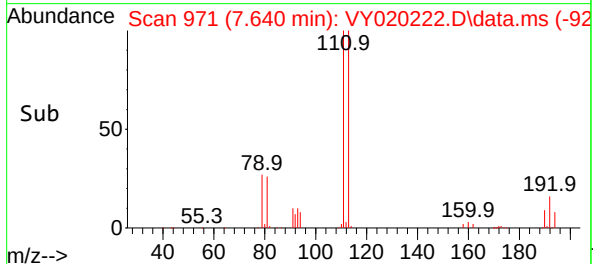
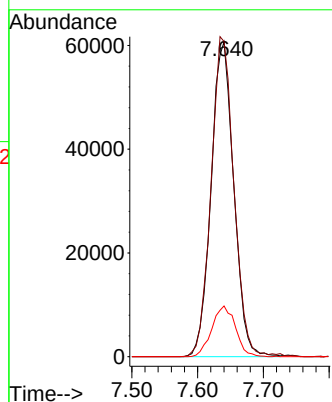
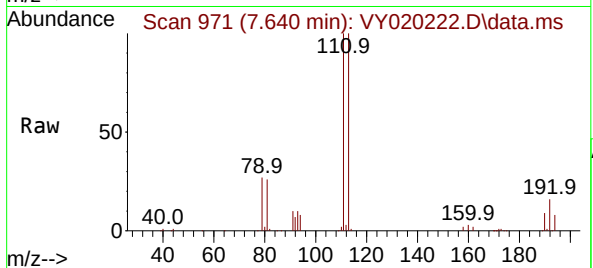




#35
Dibromofluoromethane
Concen: 50.597 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

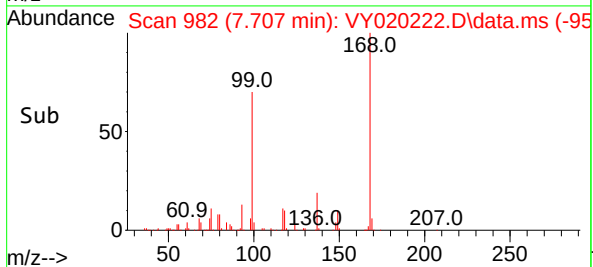
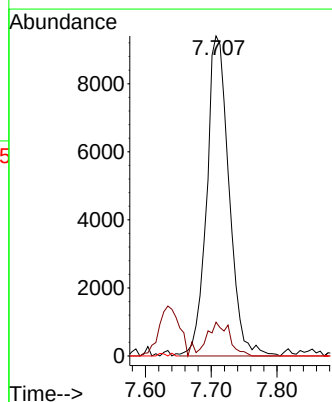
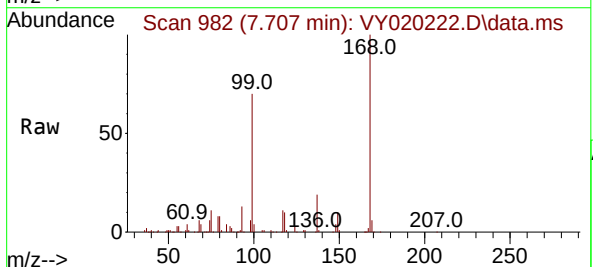
Instrument :
MSVOA_Y
ClientSampleId :

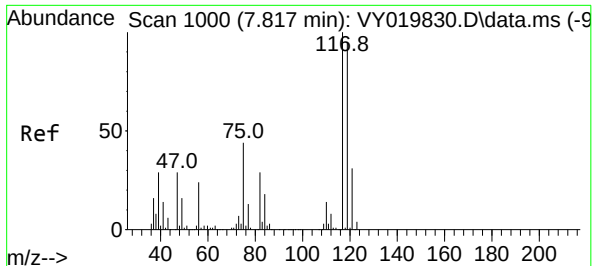
Tgt Ion:113 Resp: 145570
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

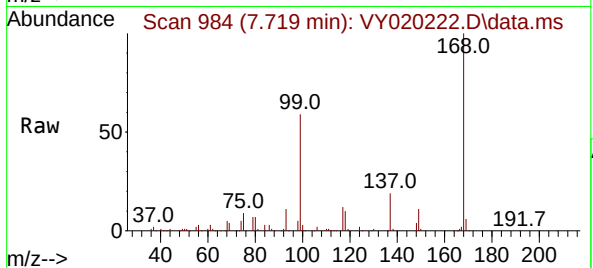
Tgt Ion: 75 Resp: 22191
Ion Ratio Lower Upper
75 100
110 10.4 19.0 57.0#
77 0.0 25.3 37.9#



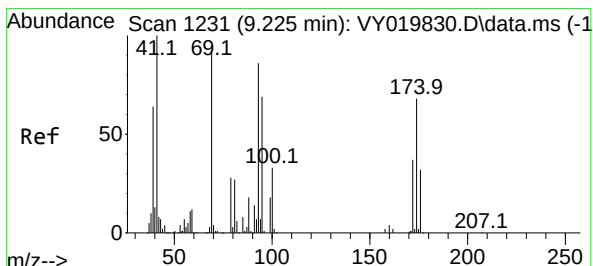
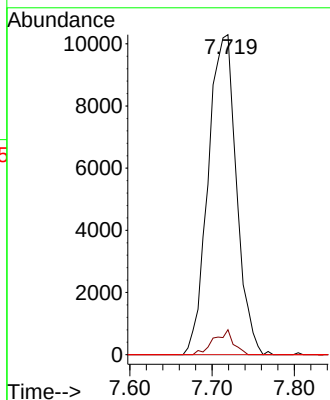
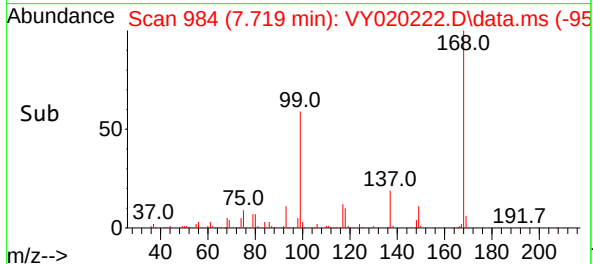


#38
Carbon Tetrachloride
Concen: 5.502 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

Instrument :
MSVOA_Y
ClientSampleId :

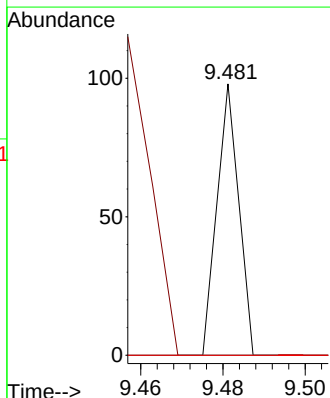
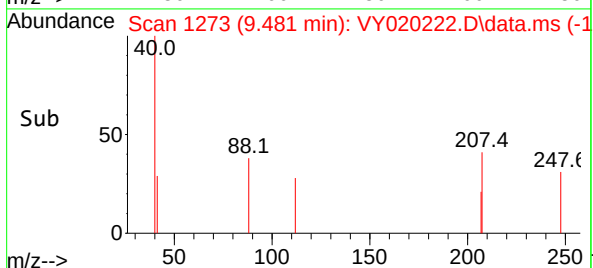
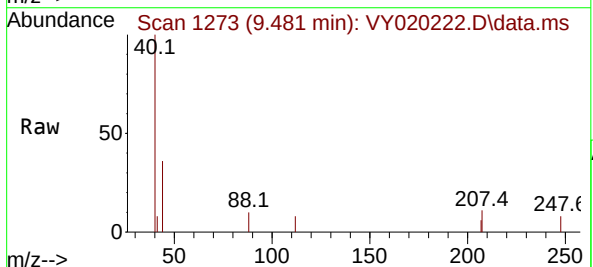


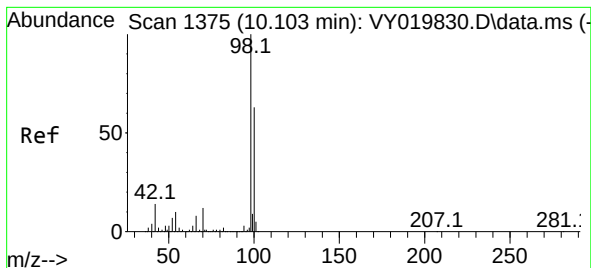
Tgt Ion:117 Resp: 24590
Ion Ratio Lower Upper
117 100
119 7.8 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.079 ug/l
RT: 9.481 min Scan# 1273
Delta R.T. 0.250 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

Tgt Ion: 88 Resp: 36
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

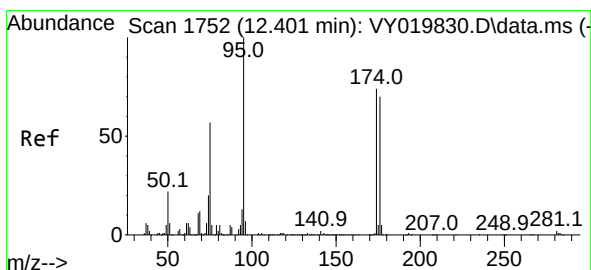
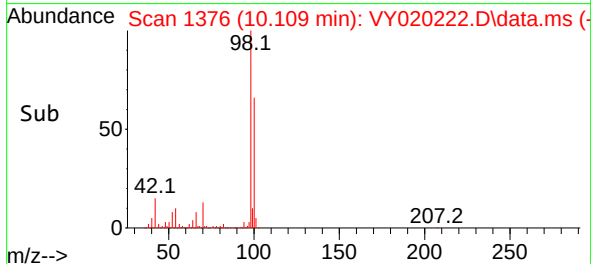
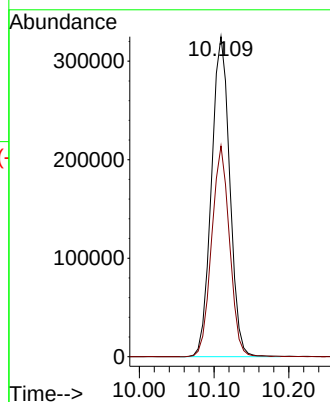
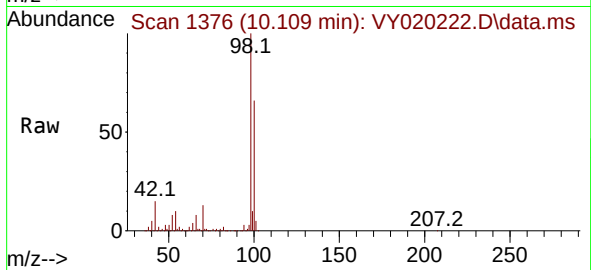




#50
Toluene-d8
Concen: 48.284 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

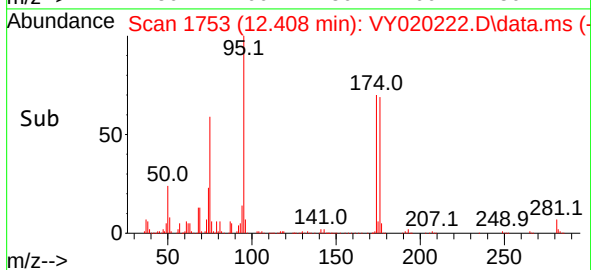
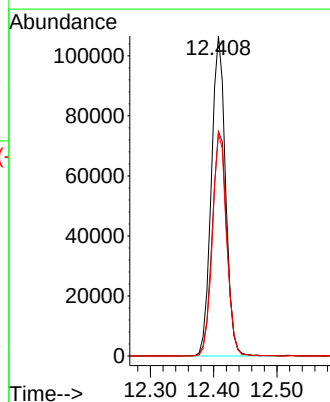
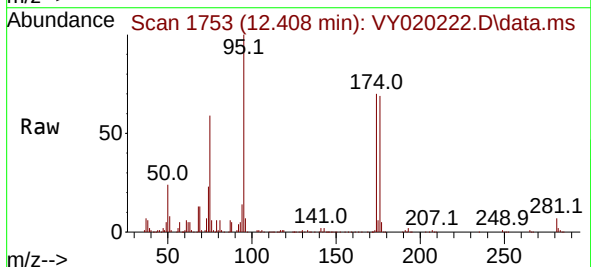
Instrument :
MSVOA_Y
ClientSampleId :

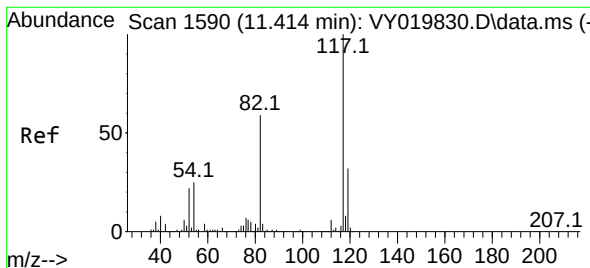
Tgt Ion: 98 Resp: 552944
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.692 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020222.D
Acq: 08 Nov 2024 10:40

Tgt Ion: 95 Resp: 166242
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 69.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020222.D

Acq: 08 Nov 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

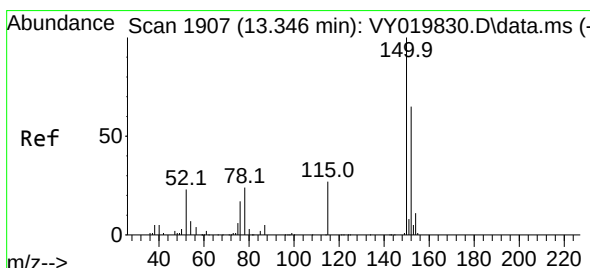
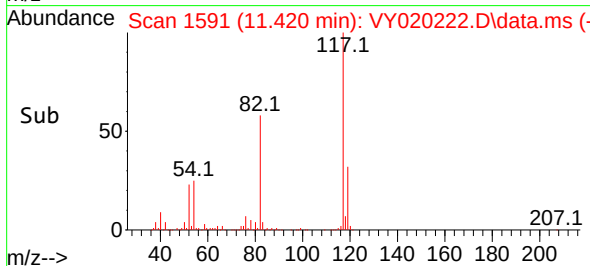
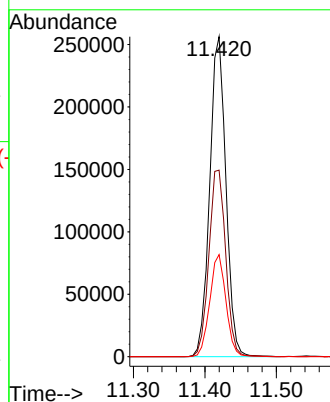
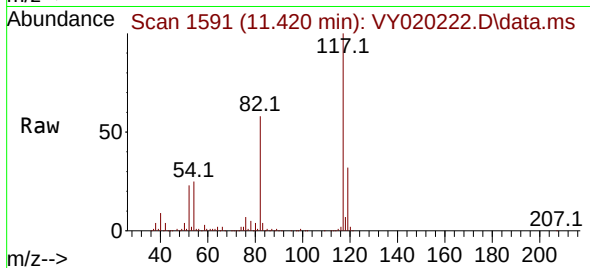
Tgt Ion:117 Resp: 403401

Ion Ratio Lower Upper

117 100

82 58.3 42.4 63.6

119 31.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020222.D

Acq: 08 Nov 2024 10:40

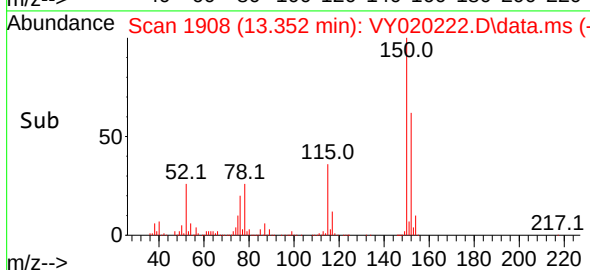
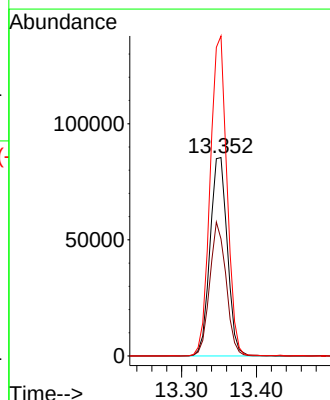
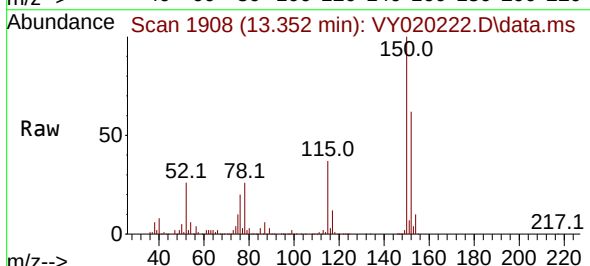
Tgt Ion:152 Resp: 137264

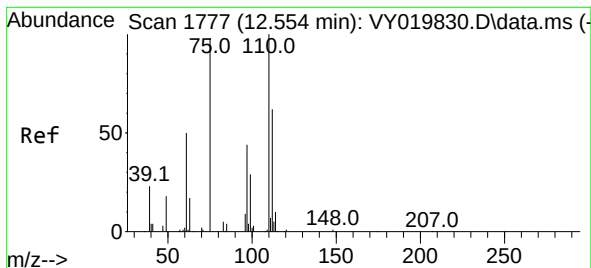
Ion Ratio Lower Upper

152 100

115 63.9 28.2 84.7

150 156.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 75.276 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020222.D

Acq: 08 Nov 2024 10:40

Instrument :

MSVOA_Y

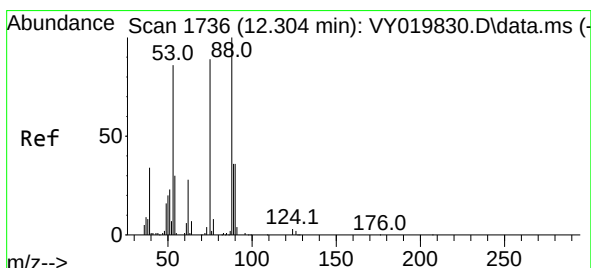
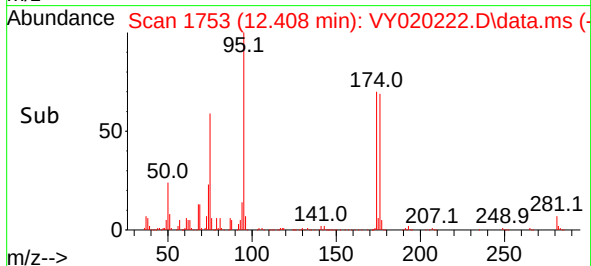
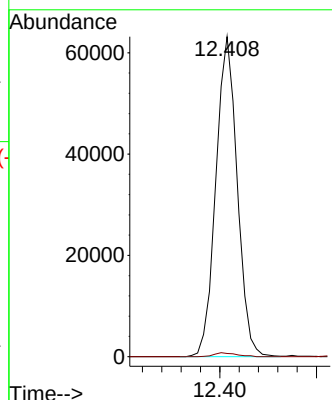
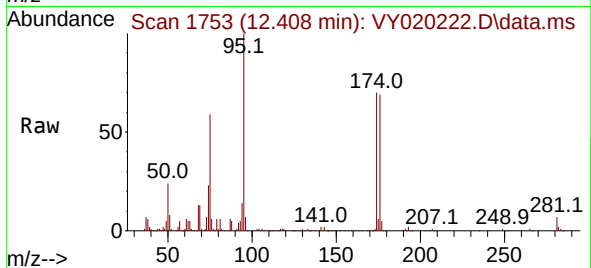
ClientSampleId :

Tgt Ion: 75 Resp: 96858

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 161.916 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY020222.D

Acq: 08 Nov 2024 10:40

Tgt Ion: 75 Resp: 96858

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.2 35.8 53.6#

