

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020002.D
 Acq On : 24 Oct 2024 10:58
 Operator : SY/MD
 Sample : VY1024SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:37:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

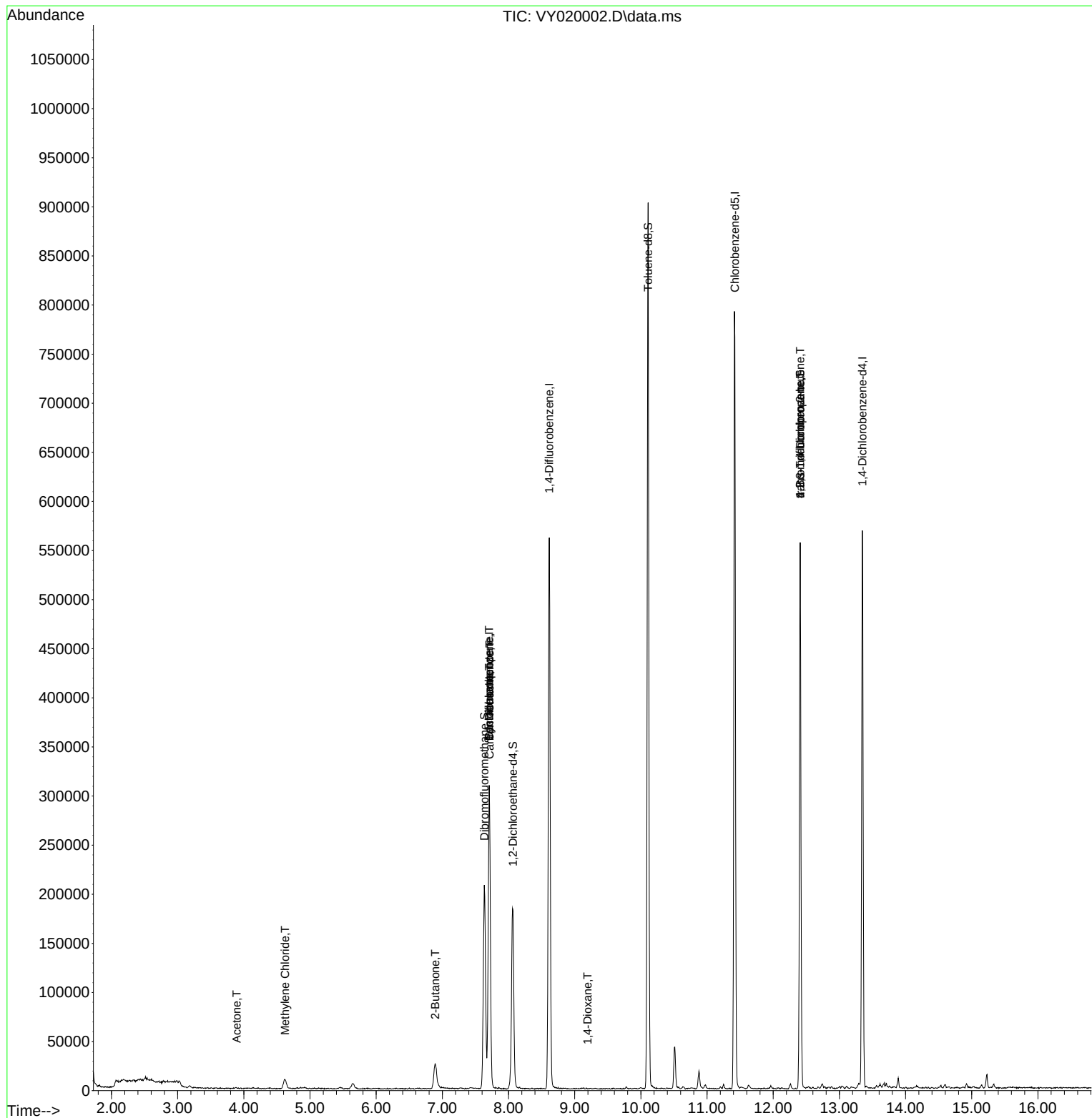
Internal Standards						
1) Pentafluorobenzene	7.707	168	208622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	385664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125898	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	143120	55.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.440%	
35) Dibromofluoromethane	7.634	113	143602	48.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.840%	
50) Toluene-d8	10.109	98	545890	50.355	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.408	95	155950	39.813	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	361	Below Cal	#	53
16) Acetone	3.891	43	1467	2.194	ug/l	99
20) Methylene Chloride	4.622	84	6723	1.946	ug/l #	86
25) 2-Butanone	6.890	43	2141	2.392	ug/l #	41
31) Cyclohexane	7.707	56	6838	1.593	ug/l #	43
36) 1,1-Dichloropropene	7.707	75	21603	5.108	ug/l #	48
38) Carbon Tetrachloride	7.713	117	23783	5.246	ug/l #	16
49) 1,4-Dioxane	9.195	88	51	2.603	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	90373	36.643	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	90373	147.904	ug/l #	16

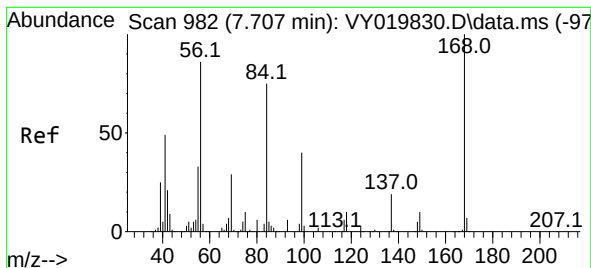
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: Oct 25 01:37:54 2024
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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

Instrument :

MSVOA_Y

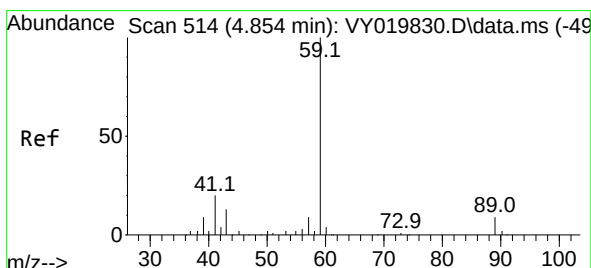
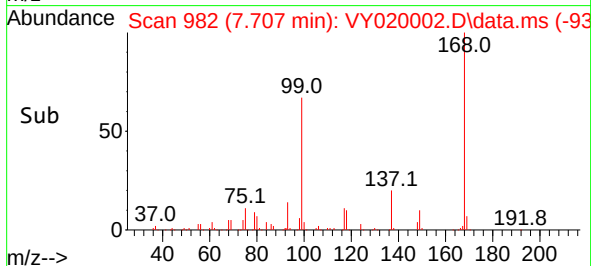
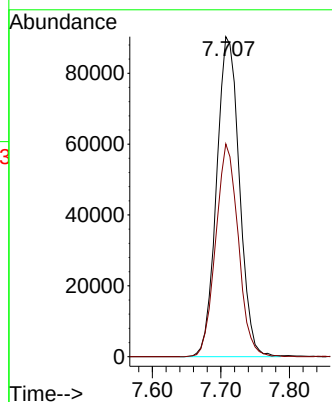
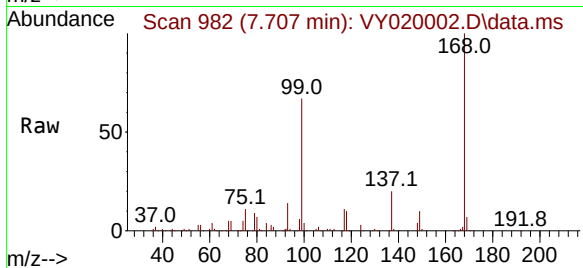
ClientSampleId :

Tgt Ion:168 Resp: 208622

Ion Ratio Lower Upper

168 100

99 66.5 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY020002.D

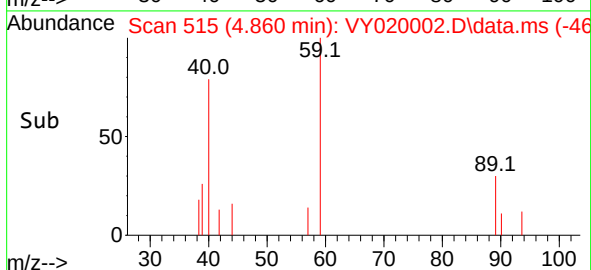
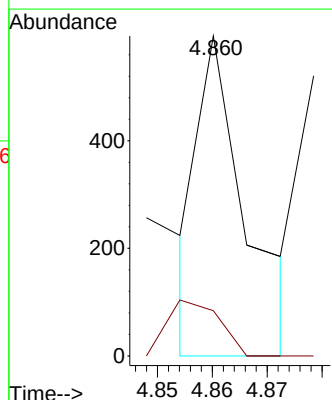
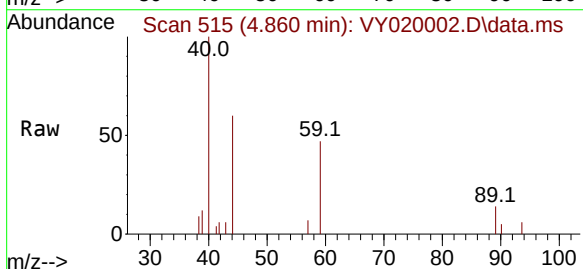
Acq: 24 Oct 2024 10:58

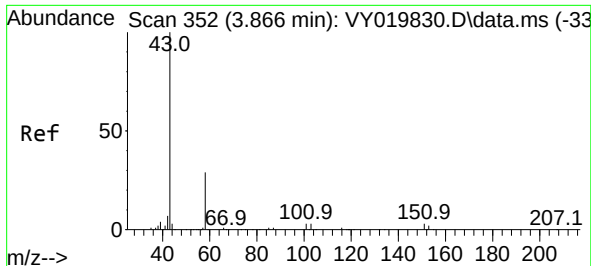
Tgt Ion: 59 Resp: 361

Ion Ratio Lower Upper

59 100

57 19.1 3.0 4.6#





#16

Acetone

Concen: 2.194 ug/l

RT: 3.891 min Scan# 3

Delta R.T. 0.019 min

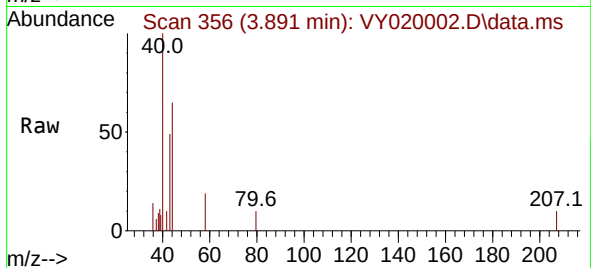
Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

Instrument :

MSVOA_Y

ClientSampleId :

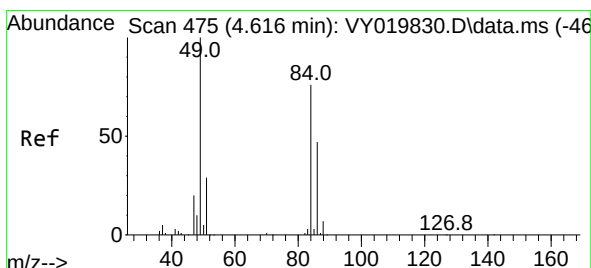
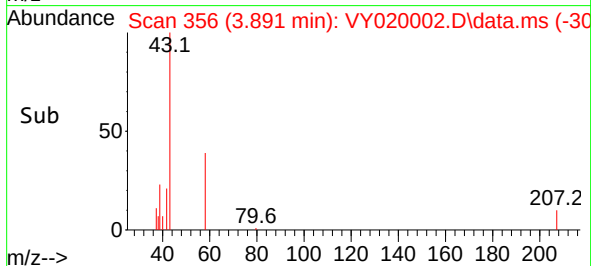
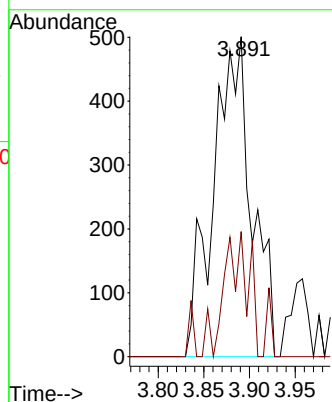


Tgt Ion: 43 Resp: 1467

Ion Ratio Lower Upper

43 100

58 39.1 31.7 47.5



#20

Methylene Chloride

Concen: 1.946 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

Tgt Ion: 84 Resp: 6723

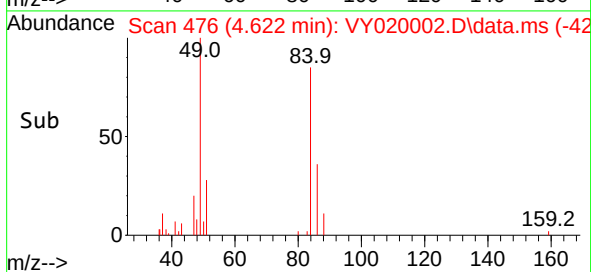
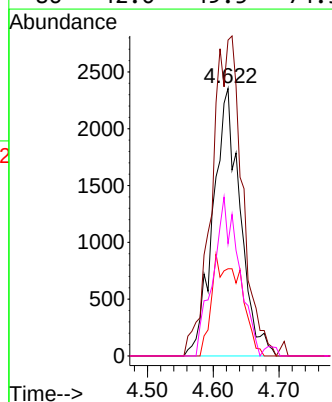
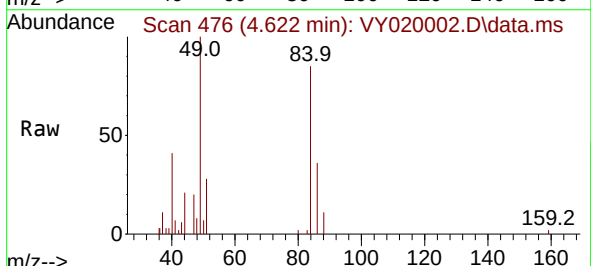
Ion Ratio Lower Upper

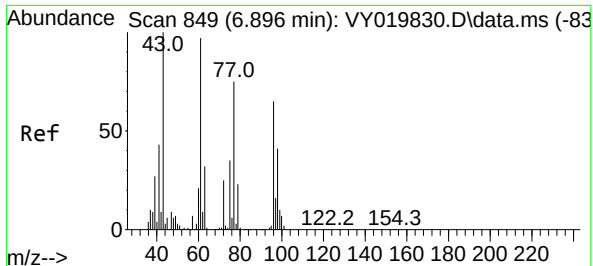
84 100

49 118.0 84.4 126.6

51 32.6 26.0 39.0

86 42.0 49.5 74.3#

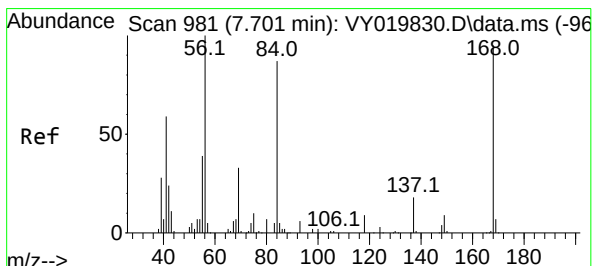
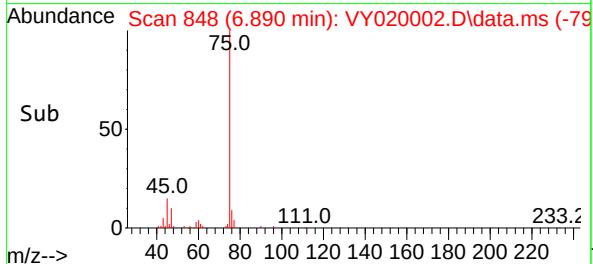
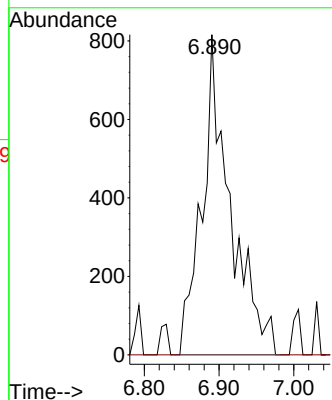
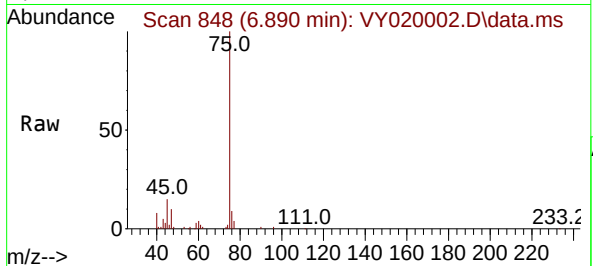




#25
2-Butanone
Concen: 2.392 ug/l
RT: 6.890 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

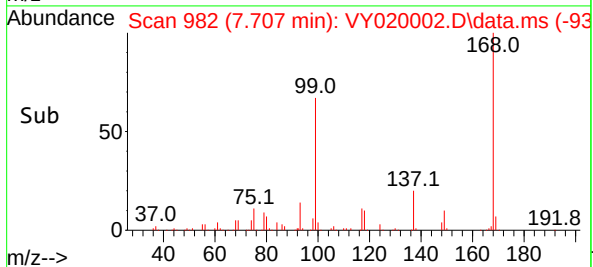
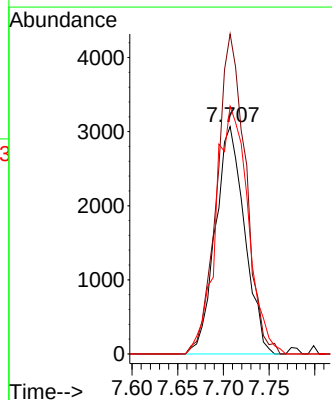
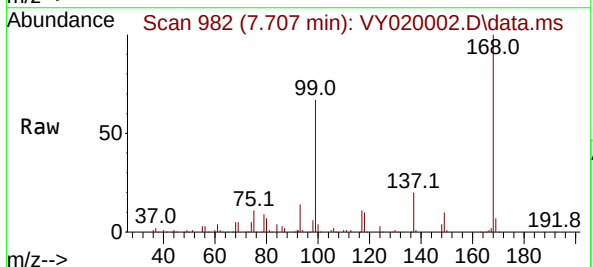
Instrument :
MSVOA_Y
ClientSampleId :

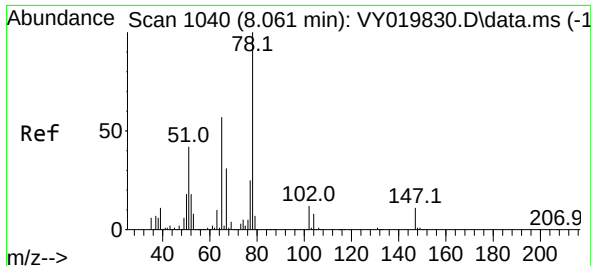
Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.593 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

Tgt Ion: 56 Resp: 6838
Ion Ratio Lower Upper
56 100
69 140.8 28.7 43.1#
84 109.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 55.716 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

Instrument :

MSVOA_Y

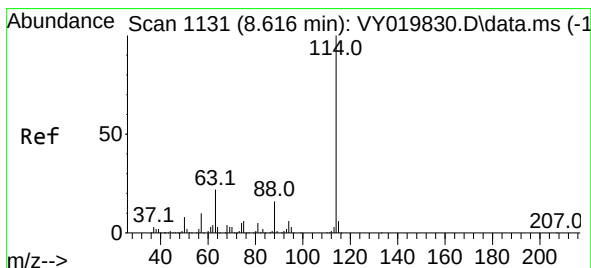
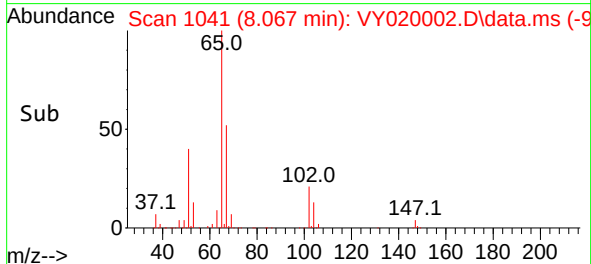
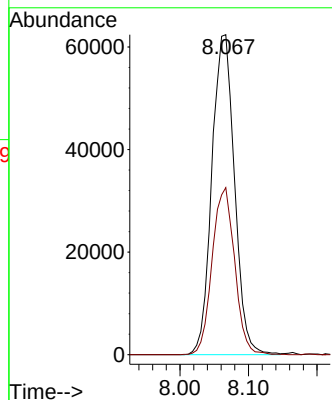
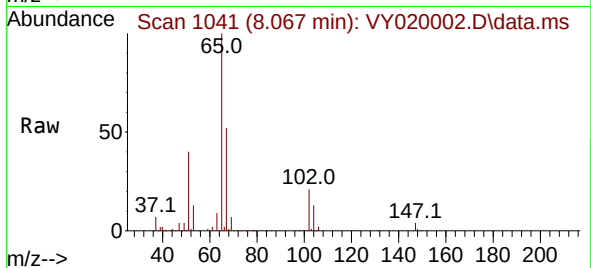
ClientSampleId :

Tgt Ion: 65 Resp: 143120

Ion Ratio Lower Upper

65 100

67 51.8 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: VY020002.D

Acq: 24 Oct 2024 10:58

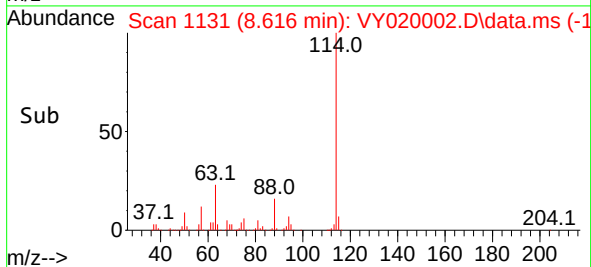
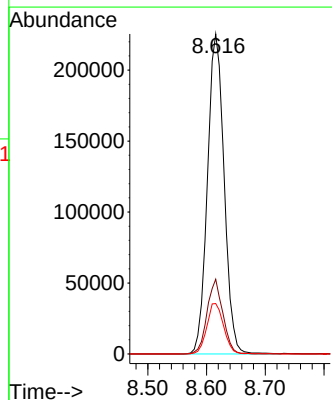
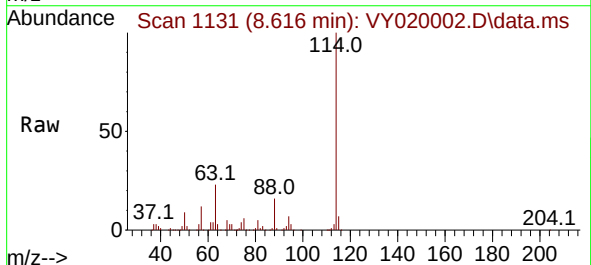
Tgt Ion: 114 Resp: 444864

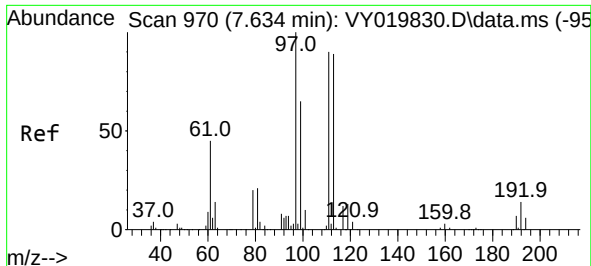
Ion Ratio Lower Upper

114 100

63 23.3 0.0 35.0

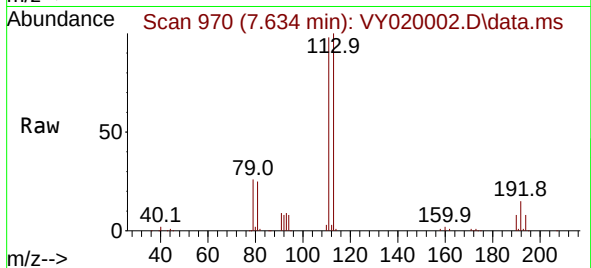
88 15.7 0.0 27.2



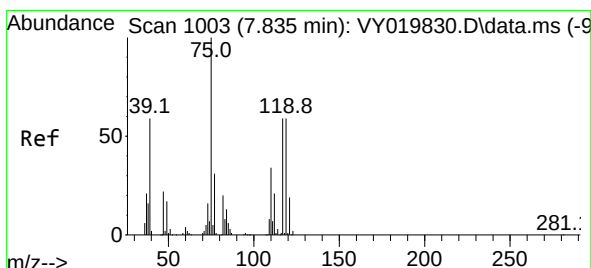
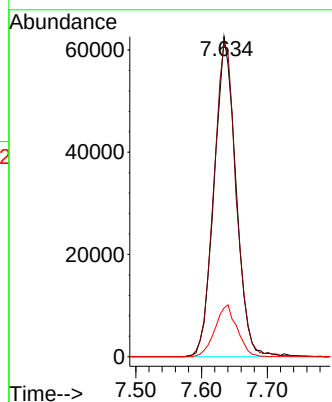
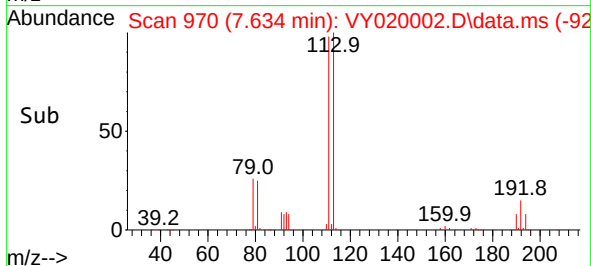


#35
Dibromofluoromethane
Concen: 48.917 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

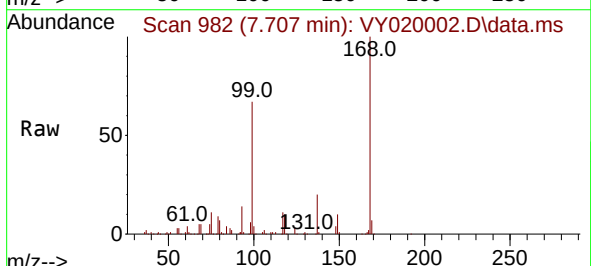
Instrument :
MSVOA_Y
ClientSampleId :



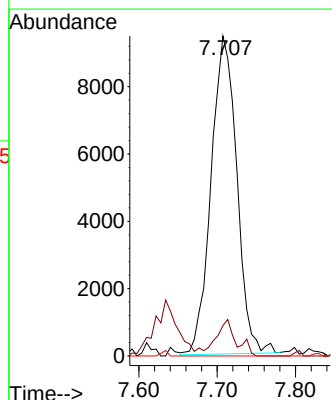
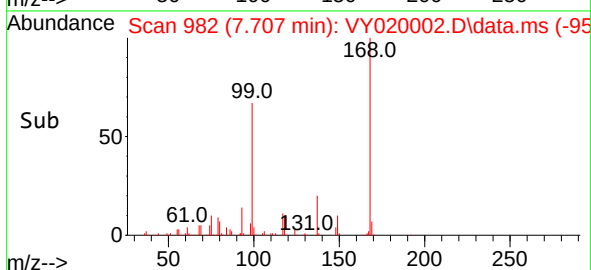
Tgt Ion:113 Resp: 143602
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 16.4 15.9 23.9

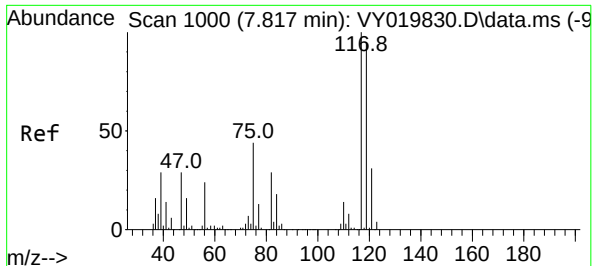


#36
1,1-Dichloropropene
Concen: 5.108 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58



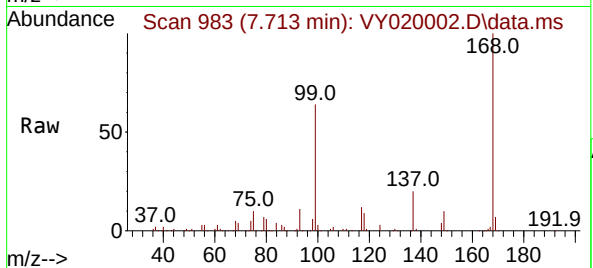
Tgt Ion: 75 Resp: 21603
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



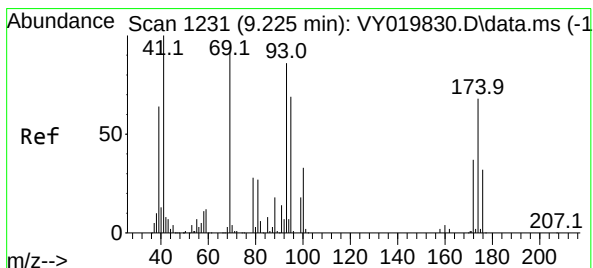
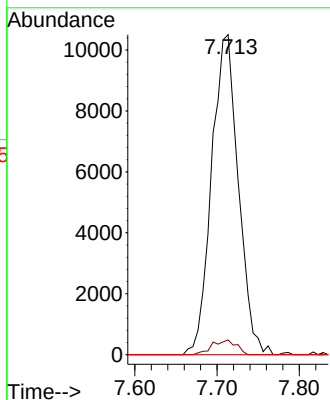
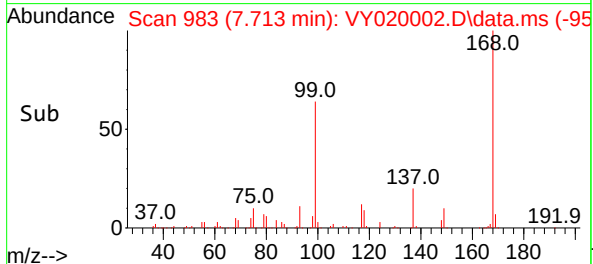


#38
Carbon Tetrachloride
Concen: 5.246 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

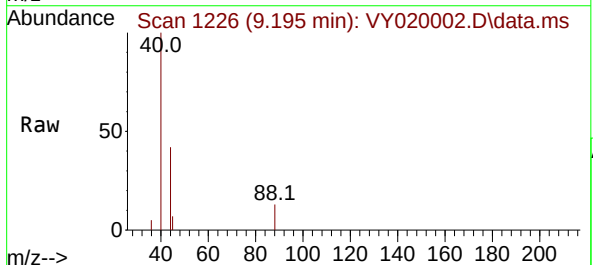
Instrument :
MSVOA_Y
ClientSampleId :



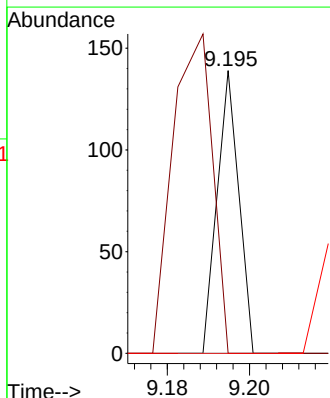
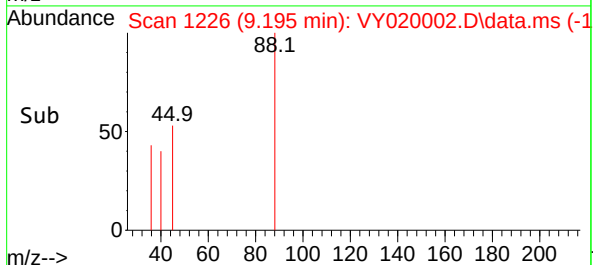
Tgt Ion:117 Resp: 23783
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#

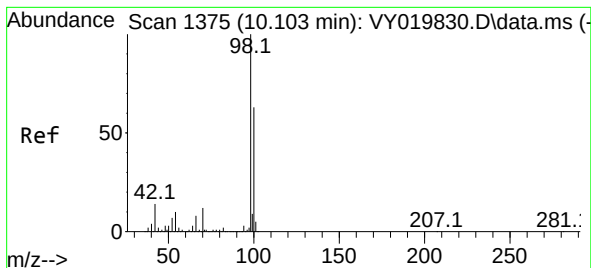


#49
1,4-Dioxane
Concen: 2.603 ug/l
RT: 9.195 min Scan# 1226
Delta R.T. -0.036 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58



Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 205.9 0.0 0.0#
58 0.0 49.3 73.9#

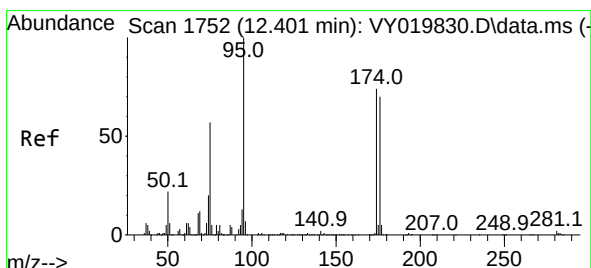
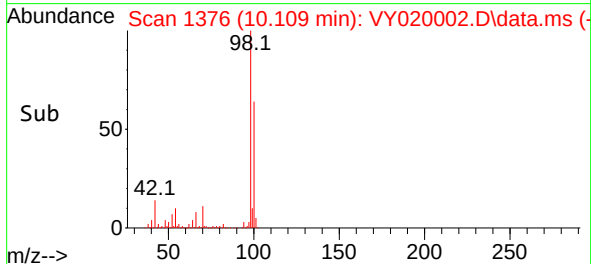
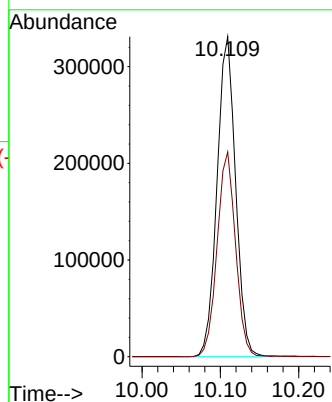
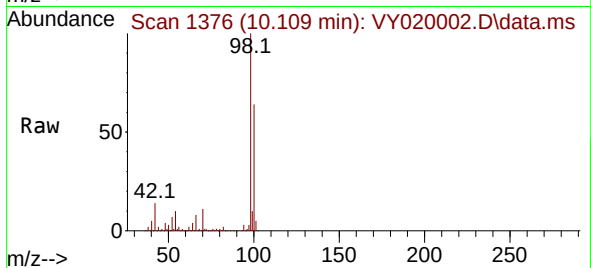




#50
Toluene-d8
Concen: 50.355 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

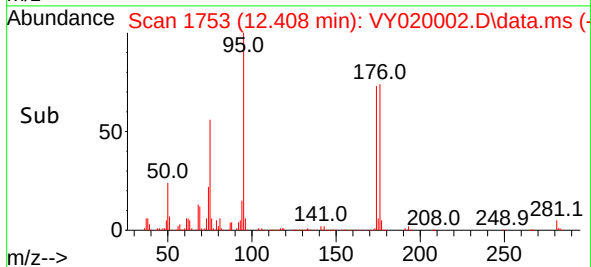
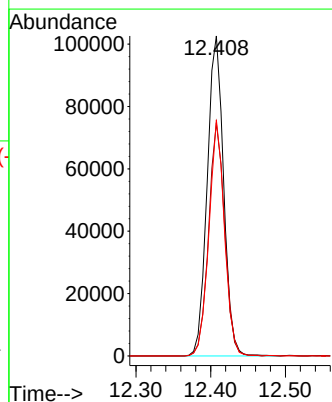
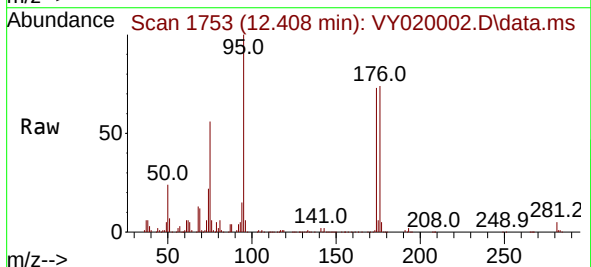
Instrument :
MSVOA_Y
ClientSampleId :

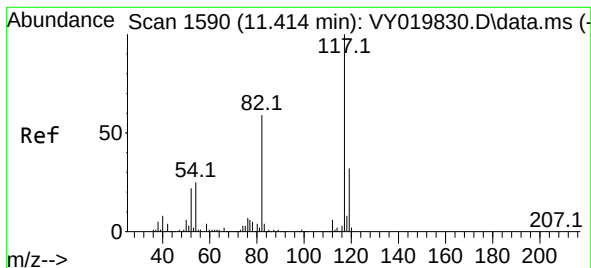
Tgt Ion: 98 Resp: 545890
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.813 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

Tgt Ion: 95 Resp: 155950
Ion Ratio Lower Upper
95 100
174 71.8 0.0 175.6
176 69.8 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: VY020002.D

Acq: 24 Oct 2024 10:58

Instrument :

MSVOA_Y

ClientSampleId :

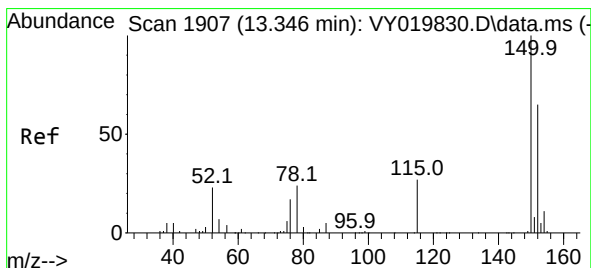
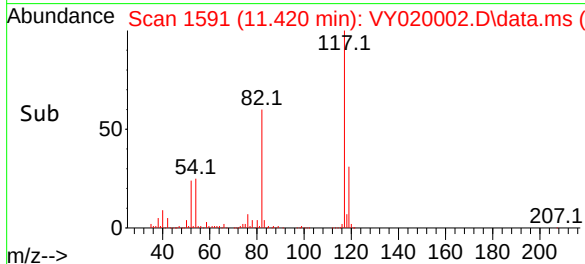
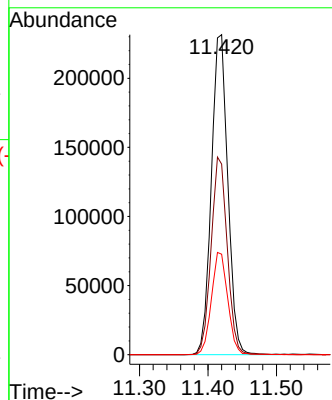
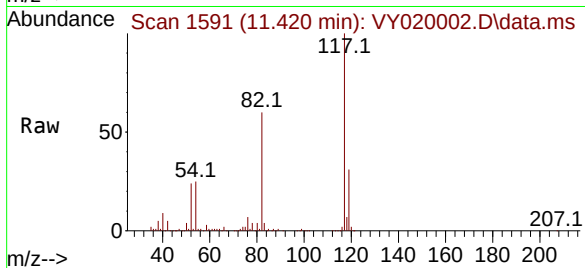
Tgt Ion:117 Resp: 385664

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020002.D

Acq: 24 Oct 2024 10:58

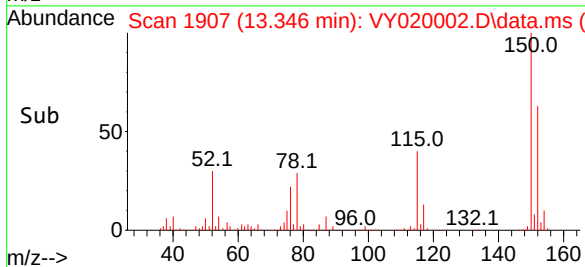
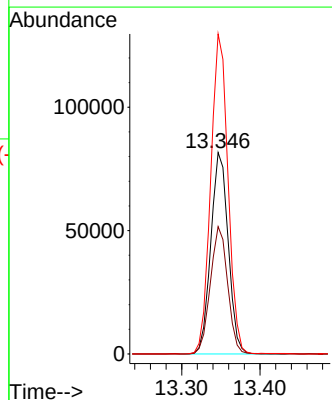
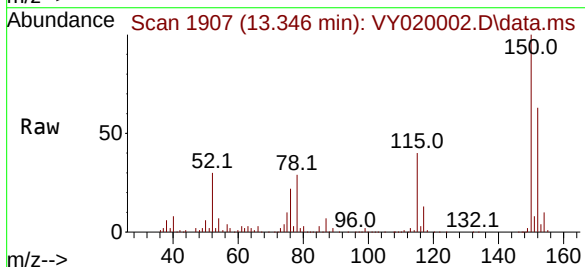
Tgt Ion:152 Resp: 125898

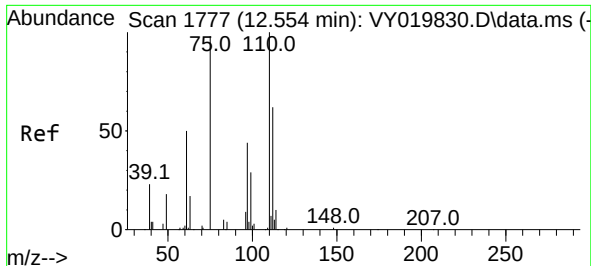
Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 157.3 0.0 345.6

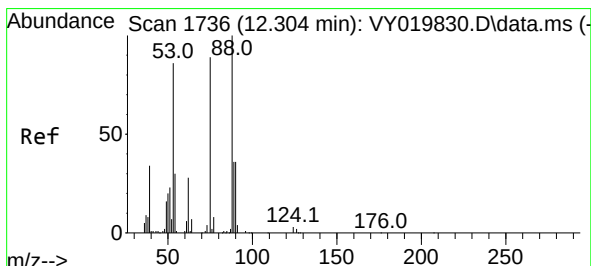
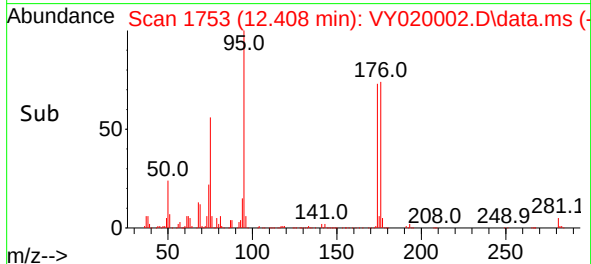
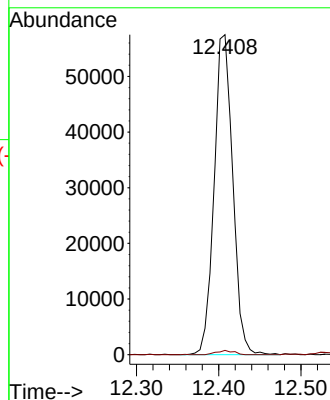
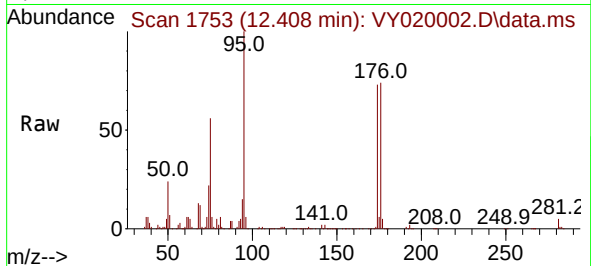




#76
1,2,3-Trichloropropane
Concen: 36.643 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 90373
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.904 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020002.D
Acq: 24 Oct 2024 10:58

Tgt Ion: 75 Resp: 90373
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

