

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020274.D
 Acq On : 12 Nov 2024 17:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 13 00:38:46 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	153464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	317124	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	316339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	113685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	101746	53.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.240%
35) Dibromofluoromethane	7.640	113	105928	52.537	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.080%
50) Toluene-d8	10.109	98	419374	52.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.500%
62) 4-Bromofluorobenzene	12.408	95	174720	67.024	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	134.040%

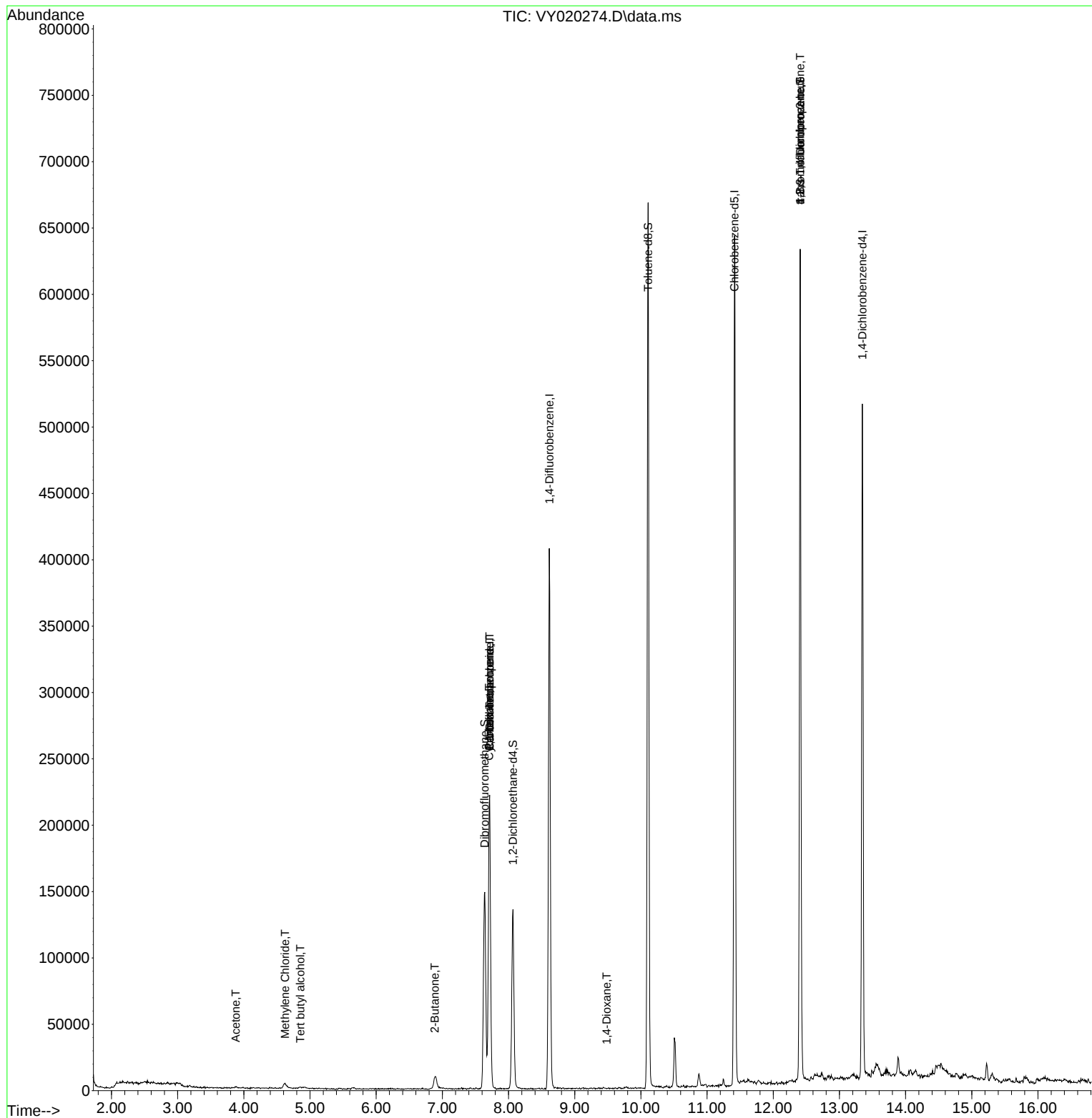
Target Compounds					Qvalue
11) Tert butyl alcohol	4.854	59	666	4.834	ug/l # 88
16) Acetone	3.879	43	1420	3.188	ug/l # 68
20) Methylene Chloride	4.622	84	2580	1.289	ug/l # 87
25) 2-Butanone	6.884	43	732	1.212	ug/l # 73
31) Cyclohexane	7.707	56	5050	1.453	ug/l # 61
36) 1,1-Dichloropropene	7.713	75	15025	4.824	ug/l # 50
38) Carbon Tetrachloride	7.713	117	18240	5.824	ug/l # 15
49) 1,4-Dioxane	9.481	88	47	3.873	ug/l # 20
76) 1,2,3-Trichloropropane	12.408	75	99960	93.799	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.408	75	99960	201.759	ug/l # 17

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

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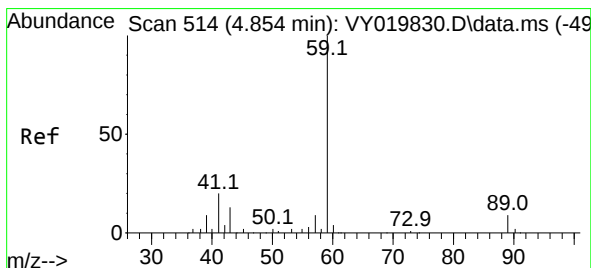
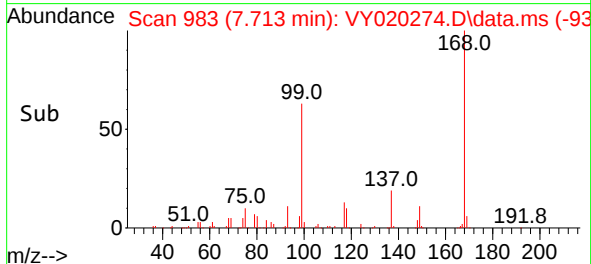
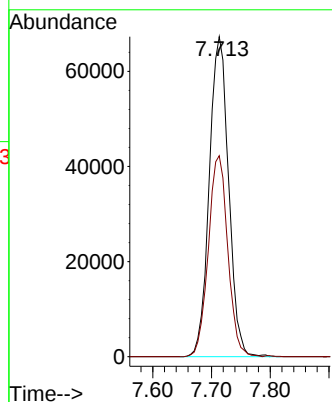
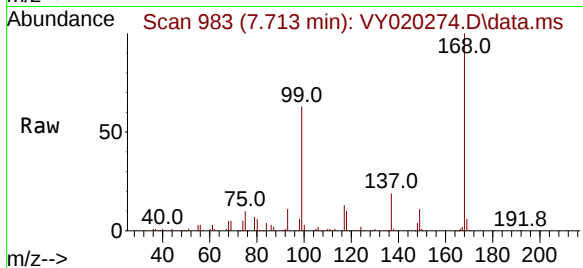




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

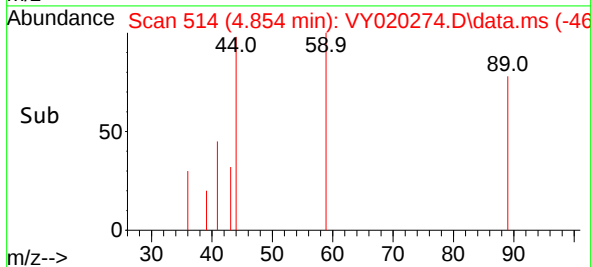
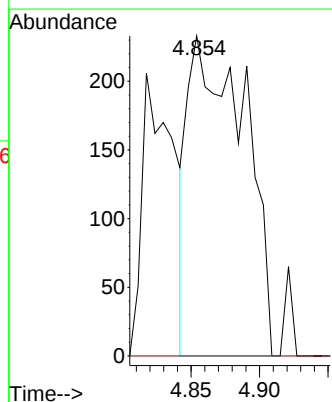
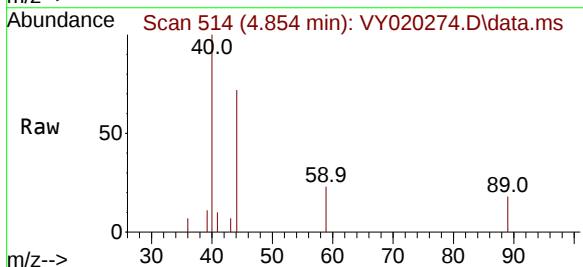
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 153464
Ion Ratio Lower Upper
168 100
99 62.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.834 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

Tgt Ion: 59 Resp: 666
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.188 ug/l

RT: 3.879 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY020274.D

Acq: 12 Nov 2024 17:45

Instrument :

MSVOA_Y

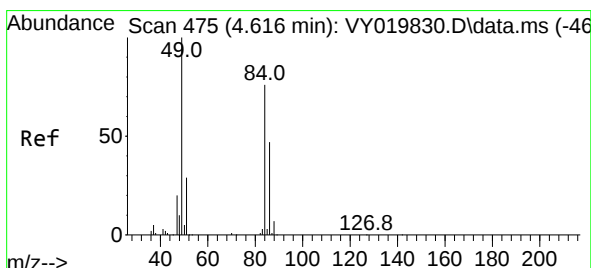
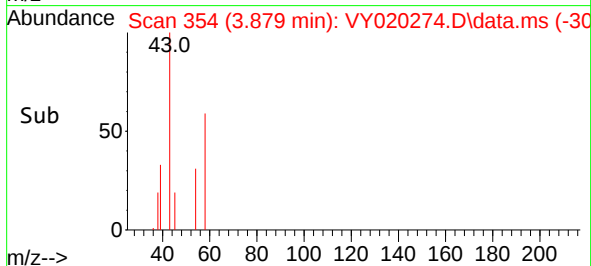
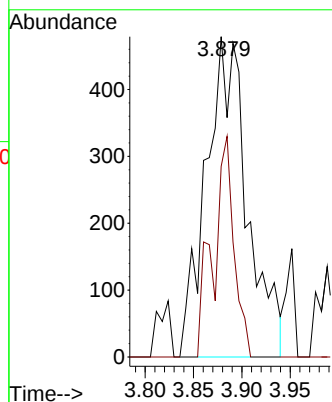
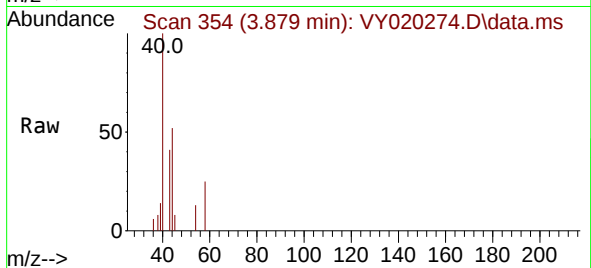
ClientSampleId :

Tgt Ion: 43 Resp: 1420

Ion Ratio Lower Upper

43 100

58 59.5 31.7 47.5#



#20

Methylene Chloride

Concen: 1.289 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY020274.D

Acq: 12 Nov 2024 17:45

Tgt Ion: 84 Resp: 2580

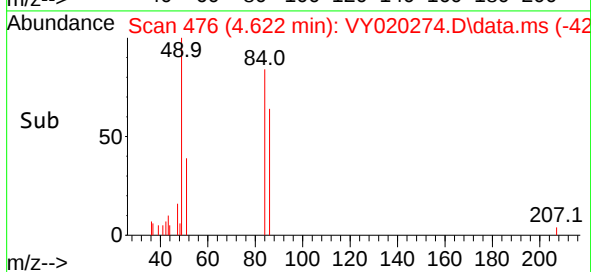
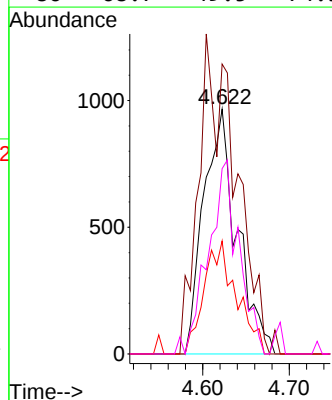
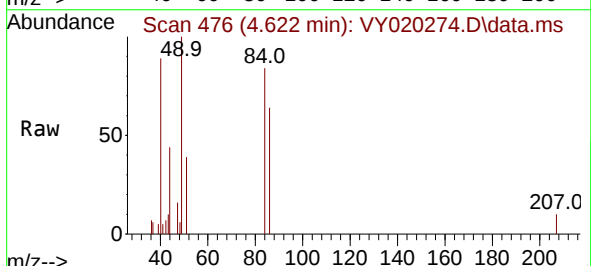
Ion Ratio Lower Upper

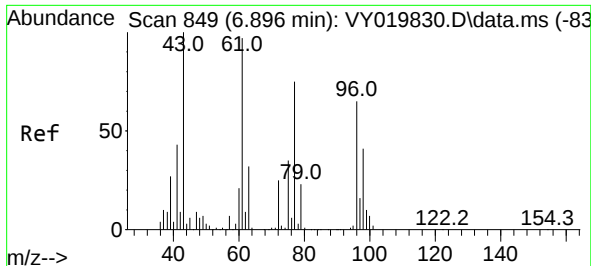
84 100

49 118.4 84.4 126.6

51 46.2 26.0 39.0#

86 68.7 49.5 74.3

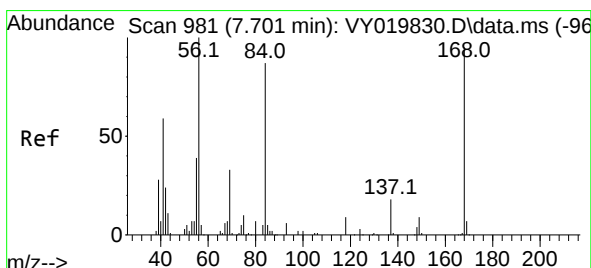
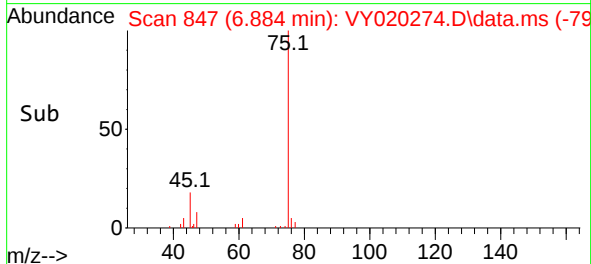
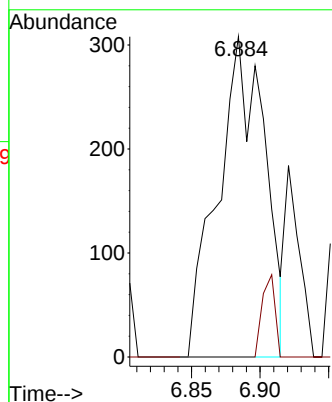
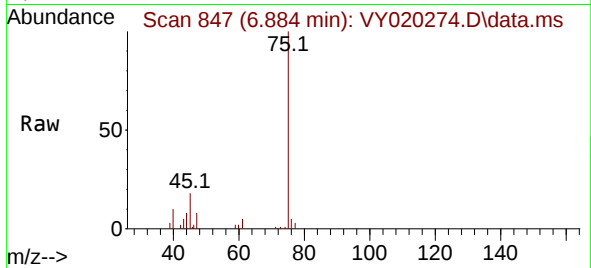




#25
2-Butanone
Concen: 1.212 ug/l
RT: 6.884 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

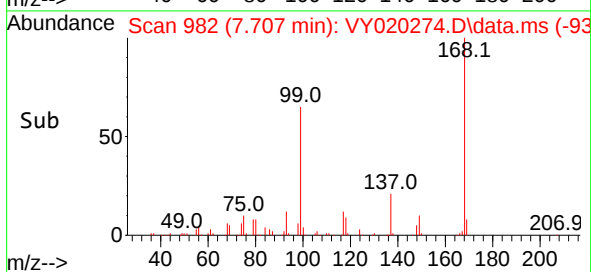
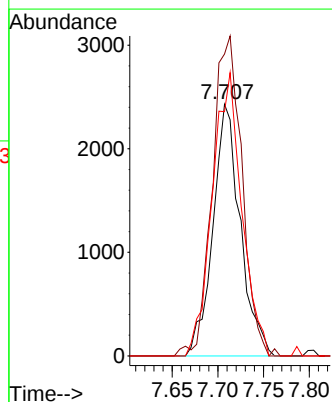
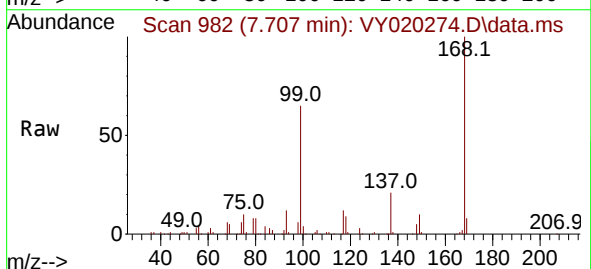
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
72 18.5 27.3 40.9#



#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

Tgt Ion: 56 Resp: 5050
Ion Ratio Lower Upper
56 100
69 120.0 28.7 43.1#
84 97.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 53.122 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020274.D

Acq: 12 Nov 2024 17:45

Instrument :

MSVOA_Y

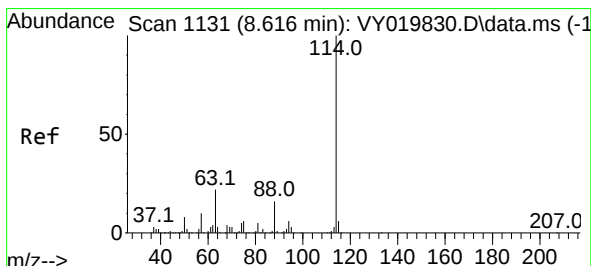
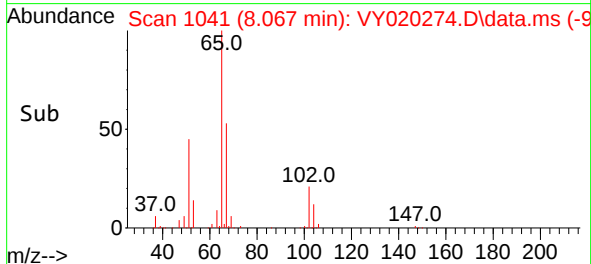
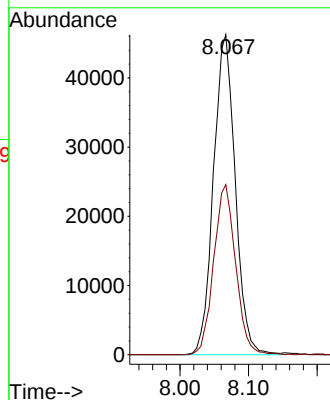
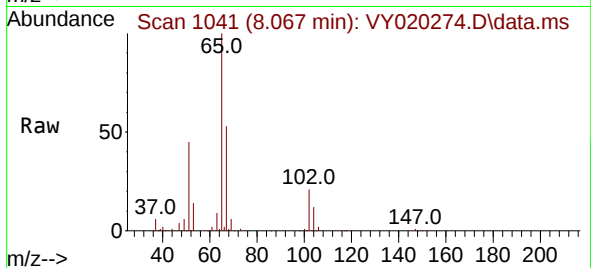
ClientSampleId :

Tgt Ion: 65 Resp: 101746

Ion Ratio Lower Upper

65 100

67 53.6 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: VY020274.D

Acq: 12 Nov 2024 17:45

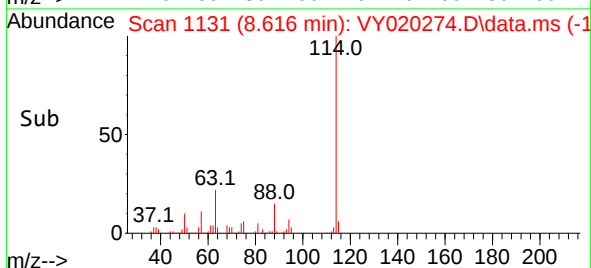
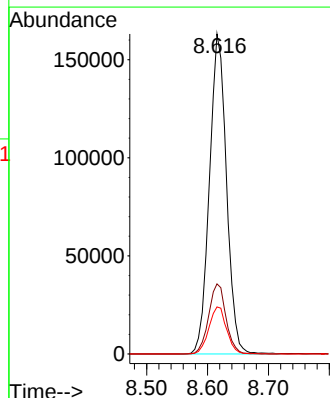
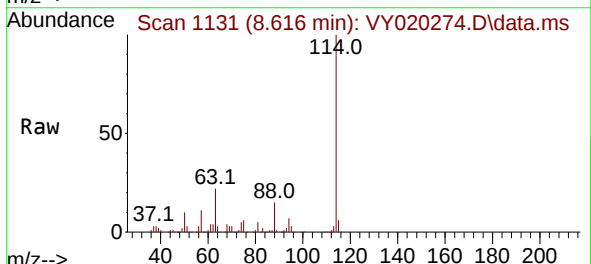
Tgt Ion: 114 Resp: 317124

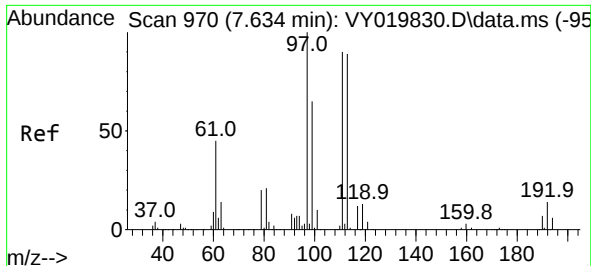
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

88 14.7 0.0 27.2

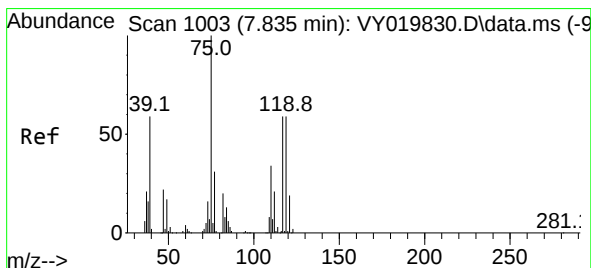
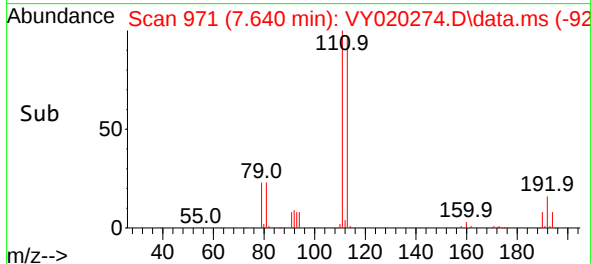
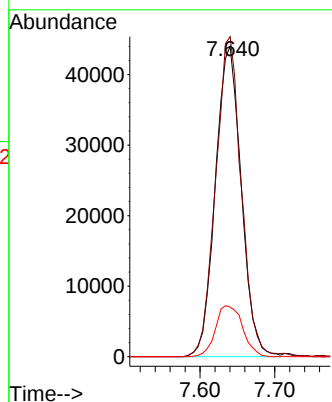
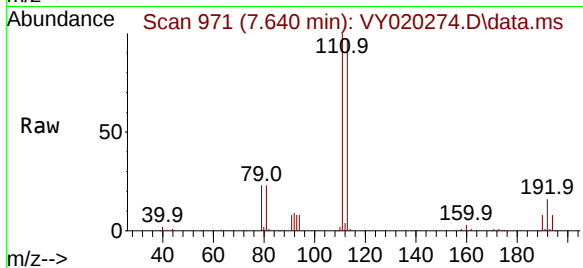




#35
Dibromofluoromethane
Concen: 52.537 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

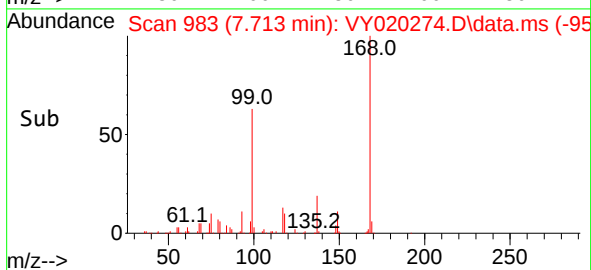
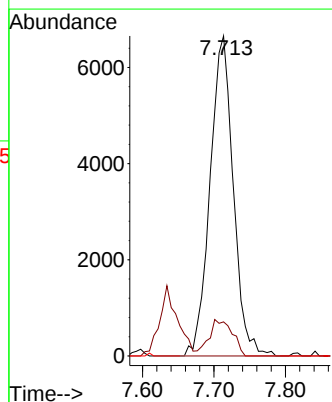
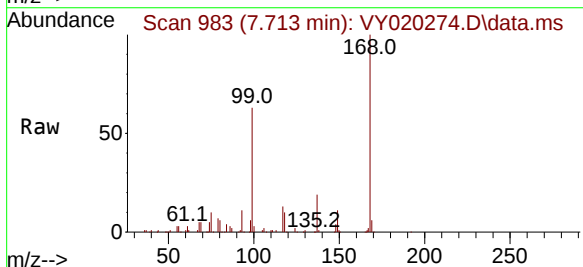
Instrument :
MSVOA_Y
ClientSampleId :

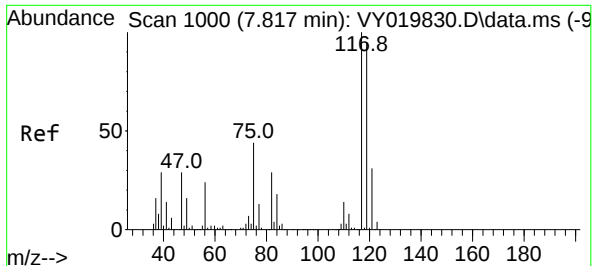
Tgt Ion:113 Resp: 105928
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 17.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.824 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

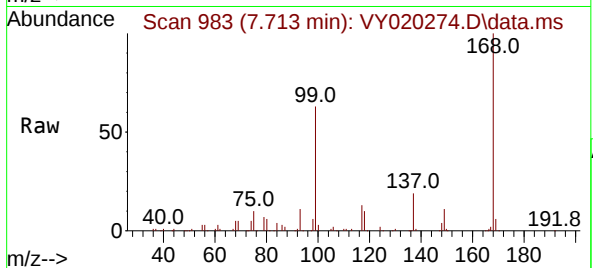
Tgt Ion: 75 Resp: 15025
Ion Ratio Lower Upper
75 100
110 11.3 19.0 57.0#
77 0.0 25.3 37.9#



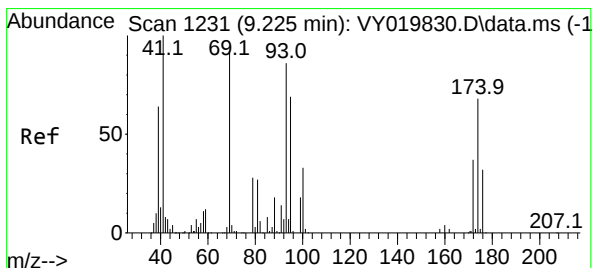
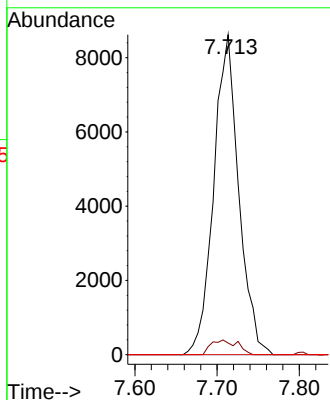
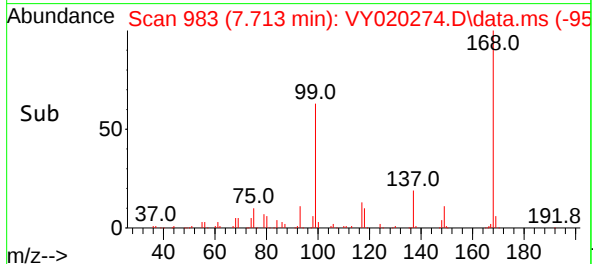


#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

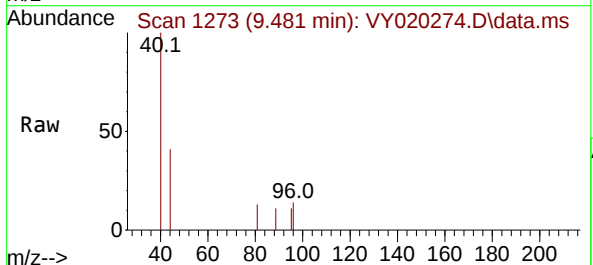
Instrument :
MSVOA_Y
ClientSampleId :



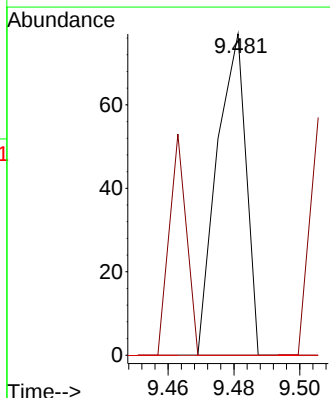
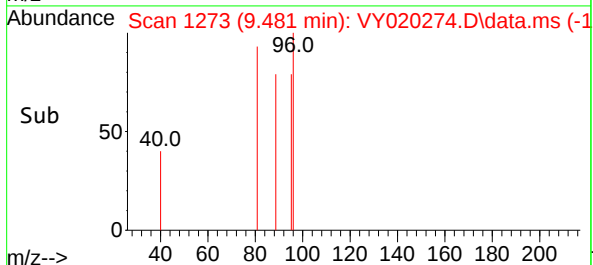
Tgt Ion:117 Resp: 18240
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#

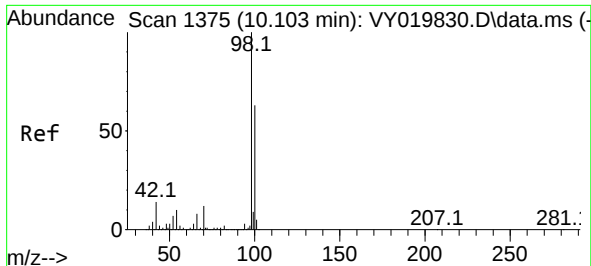


#49
1,4-Dioxane
Concen: 3.873 ug/l
RT: 9.481 min Scan# 1273
Delta R.T. 0.250 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45



Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 40.4 0.0 0.0#
58 0.0 49.3 73.9#

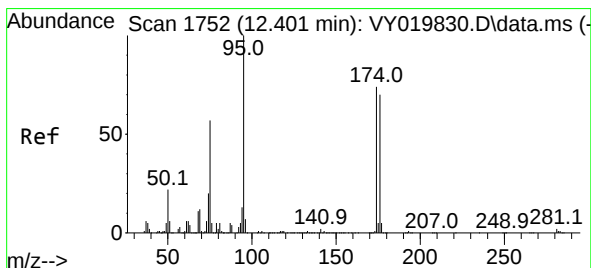
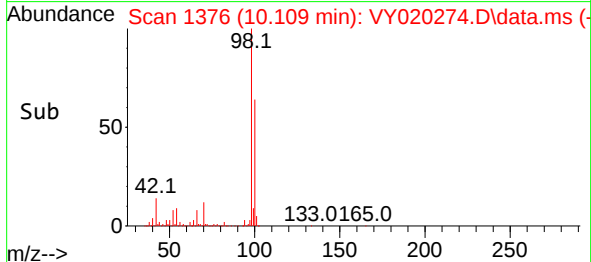
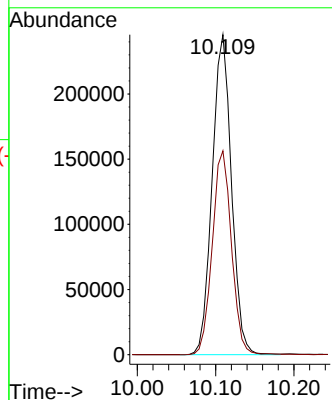
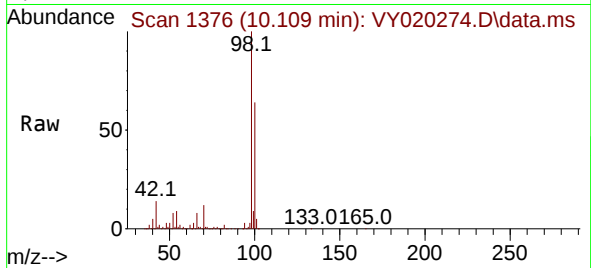




#50
Toluene-d8
Concen: 52.254 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

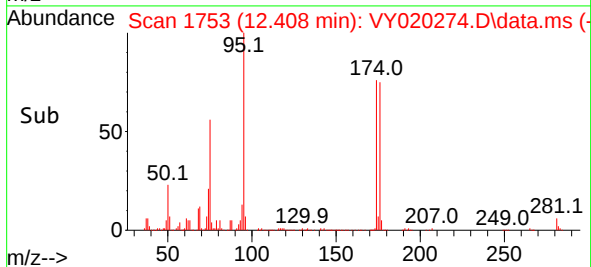
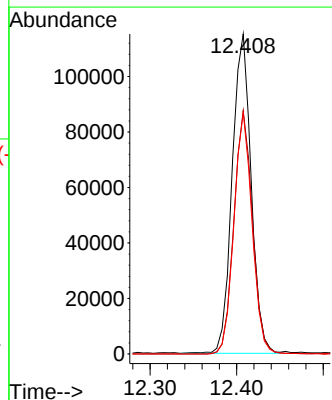
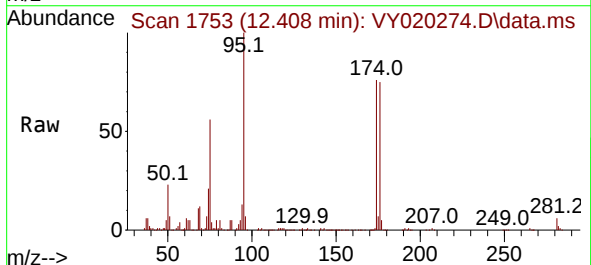
Instrument :
MSVOA_Y
ClientSampleId :

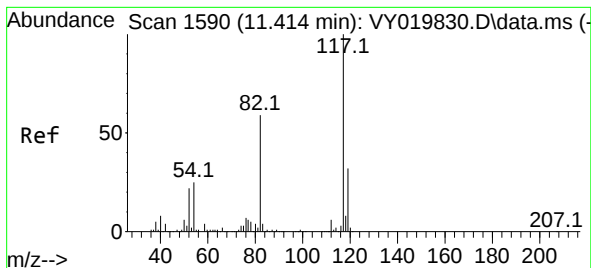
Tgt Ion: 98 Resp: 419374
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 67.024 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

Tgt Ion: 95 Resp: 174720
Ion Ratio Lower Upper
95 100
174 75.3 0.0 175.6
176 72.5 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: VY020274.D

Acq: 12 Nov 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

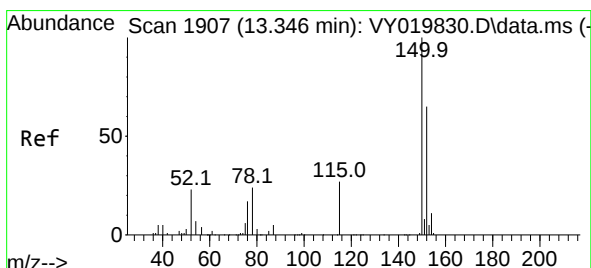
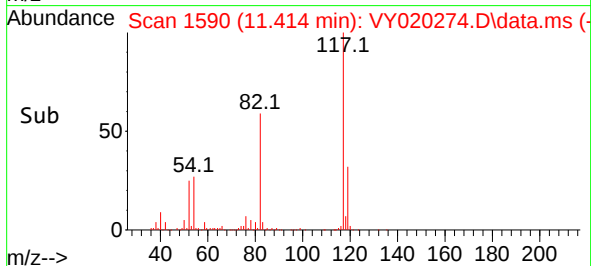
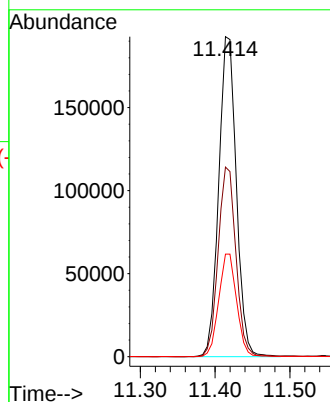
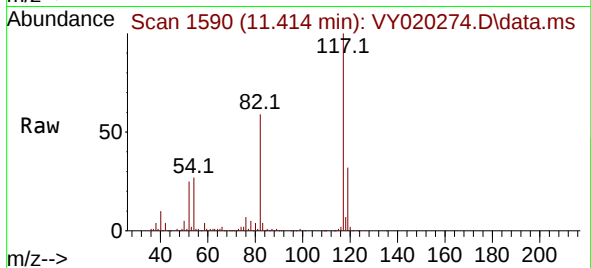
Tgt Ion:117 Resp: 316339

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.0 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: VY020274.D

Acq: 12 Nov 2024 17:45

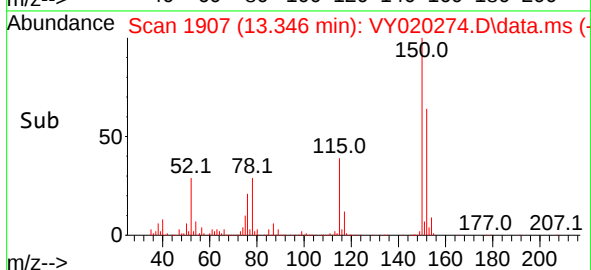
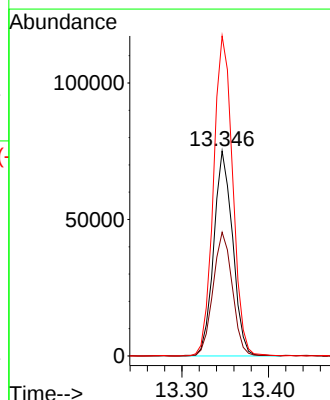
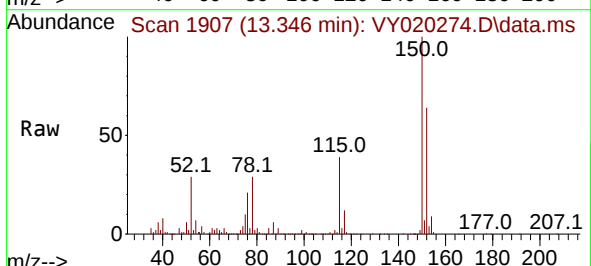
Tgt Ion:152 Resp: 113685

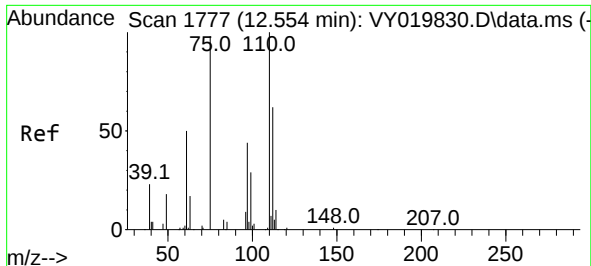
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 158.9 0.0 345.6

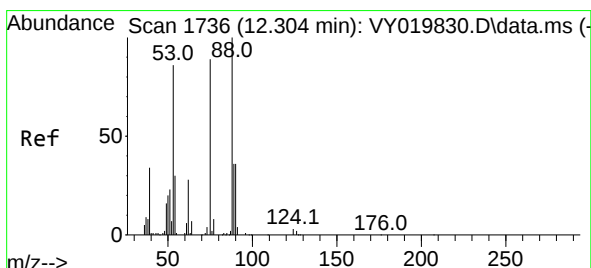
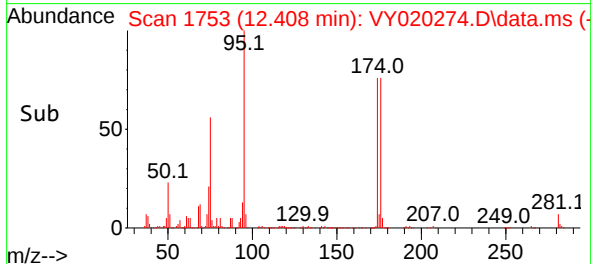
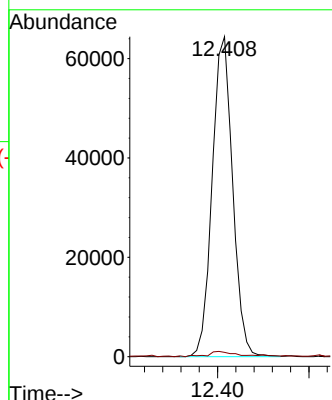
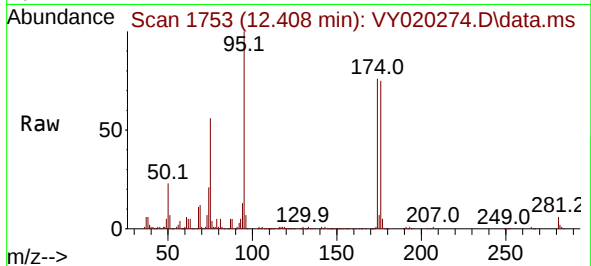




#76
1,2,3-Trichloropropane
Concen: 93.799 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 99960
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 201.759 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020274.D
Acq: 12 Nov 2024 17:45

Tgt Ion: 75 Resp: 99960
Ion Ratio Lower Upper
75 100
53 0.5 66.8 100.2#
89 0.5 35.8 53.6#

