

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018370.D
 Acq On : 24 May 2024 17:28
 Operator : SY/MD
 Sample : P2616-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 25 03:26:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

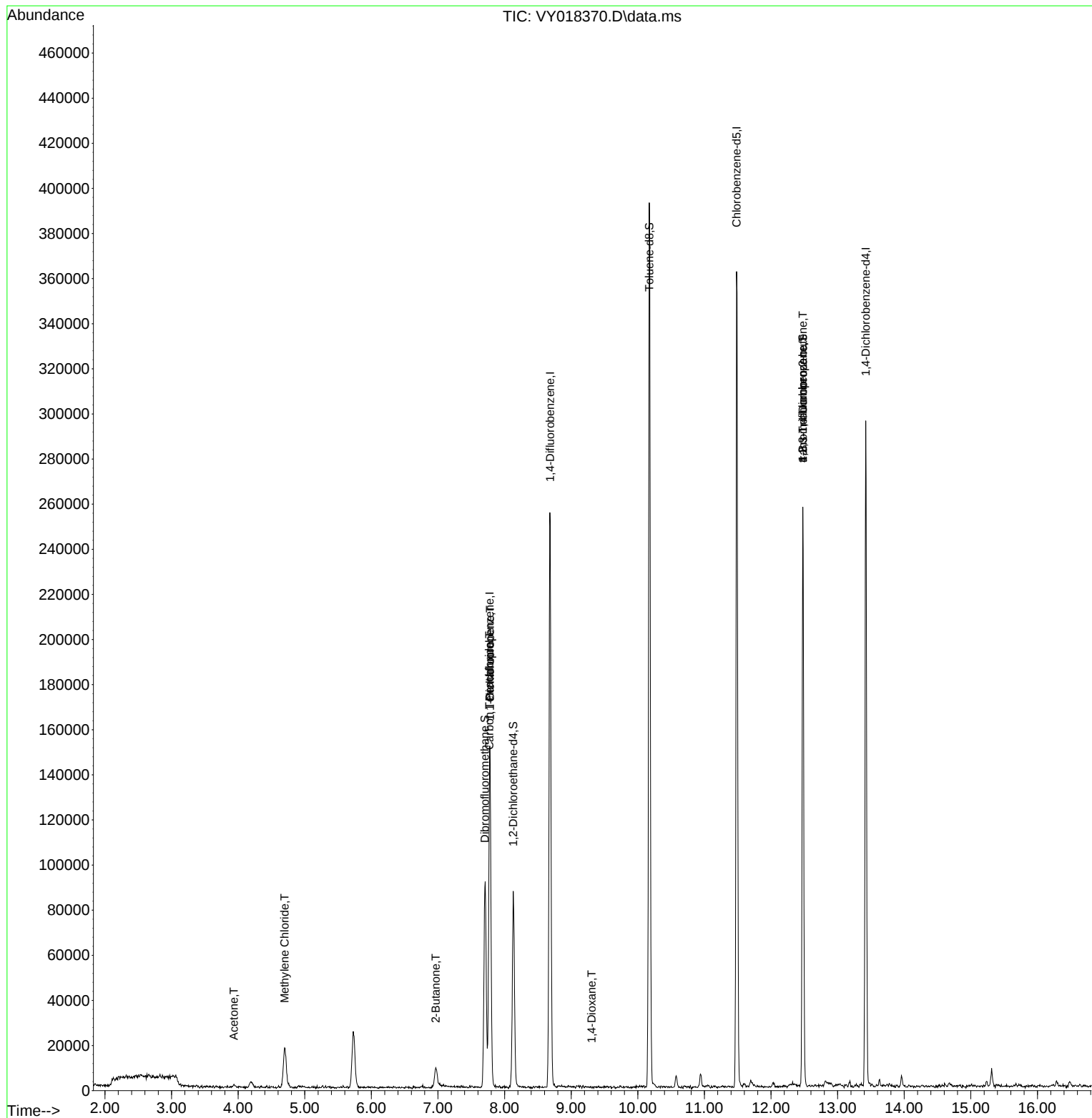
Internal Standards						
1) Pentafluorobenzene	7.776	168	108846	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	221560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	195167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	62015	60.137	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.280%	
35) Dibromofluoromethane	7.703	113	66762	51.672	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.340%	
50) Toluene-d8	10.172	98	258811	51.378	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.760%	
62) 4-Bromofluorobenzene	12.477	95	78692	50.557	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.120%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.935	59	573	Below Cal	#	82
13) Acrolein	3.698	56	170	Below Cal	#	29
16) Acetone	3.936	43	1653	7.794	ug/l #	82
20) Methylene Chloride	4.698	84	13370	6.762	ug/l #	96
25) 2-Butanone	6.965	43	705	2.098	ug/l	91
31) Cyclohexane	7.776	56	2846	Below Cal	#	14
36) 1,1-Dichloropropene	7.782	75	9577	5.111	ug/l #	49
38) Carbon Tetrachloride	7.770	117	11893	6.197	ug/l #	14
49) 1,4-Dioxane	9.307	88	57	5.828	ug/l #	41
76) 1,2,3-Trichloropropane	12.477	75	40870	62.966	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	40870	129.553	ug/l #	16

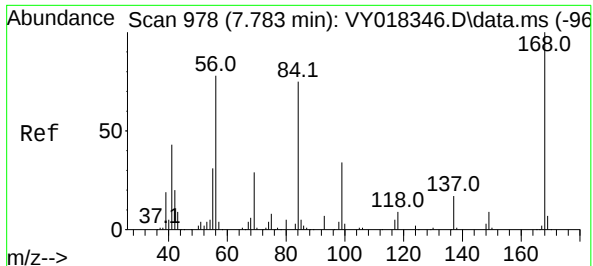
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
Data File : VY018370.D
Acq On : 24 May 2024 17:28
Operator : SY/MD
Sample : P2616-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

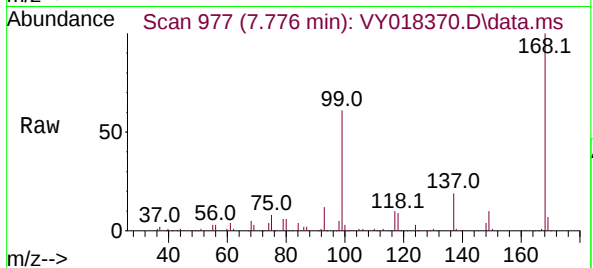
Quant Time: May 25 03:26:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration



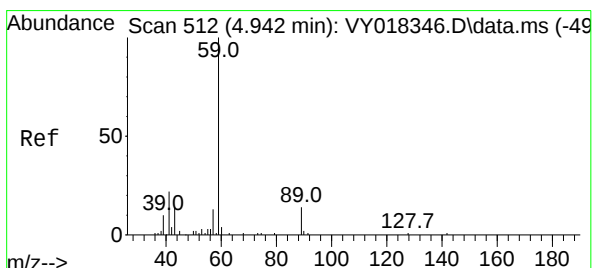
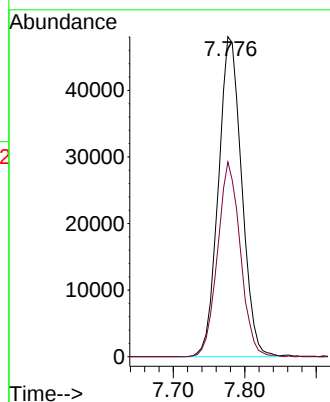
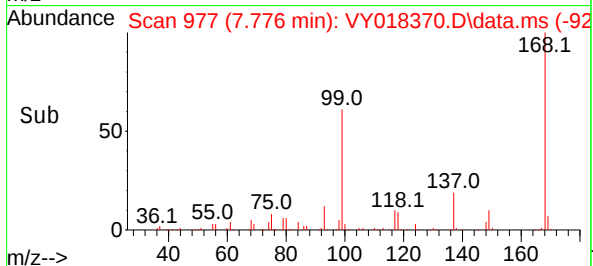


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

Instrument :
MSVOA_Y
ClientSampleId :

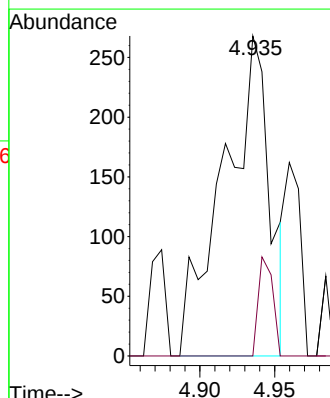
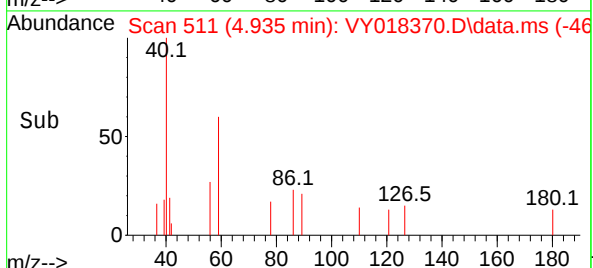
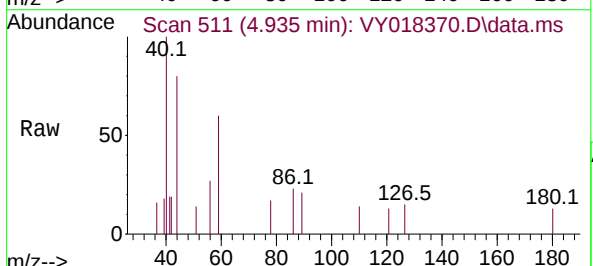


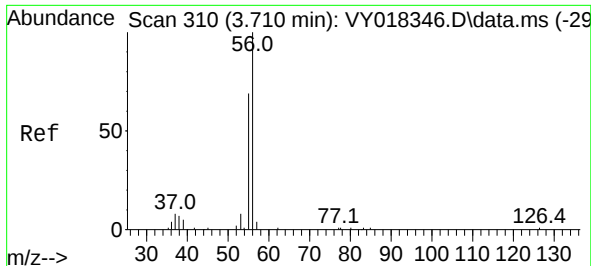
Tgt Ion:168 Resp: 108846
Ion Ratio Lower Upper
168 100
99 60.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.935 min Scan# 511
Delta R.T. -0.007 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

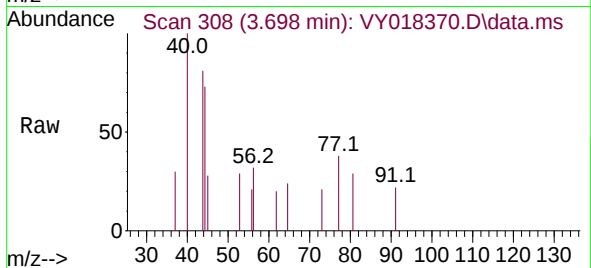
Tgt Ion: 59 Resp: 573
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



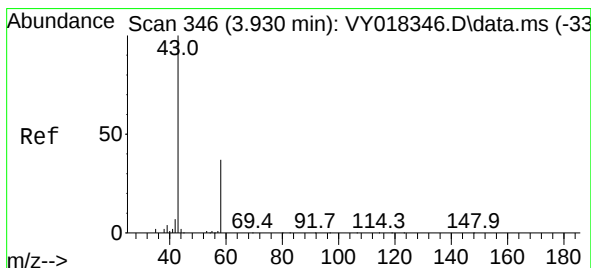
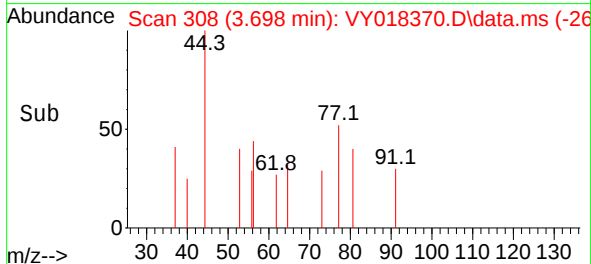
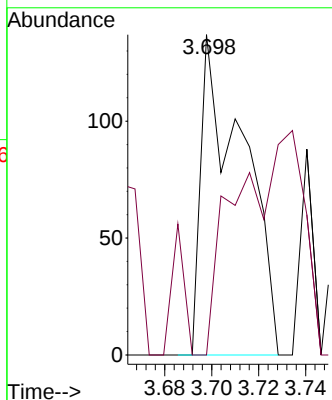


#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.012 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

Instrument :
MSVOA_Y
ClientSampleId :

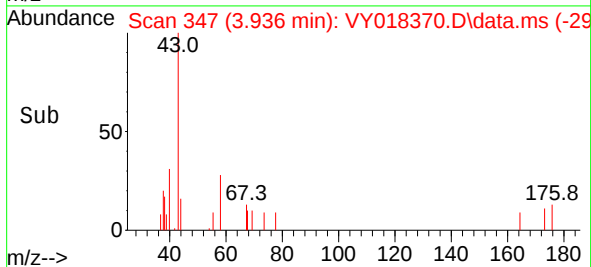
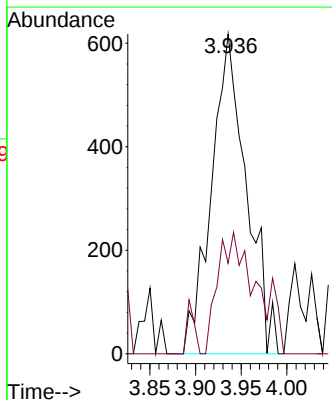
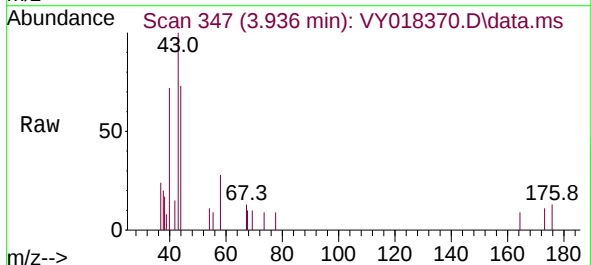


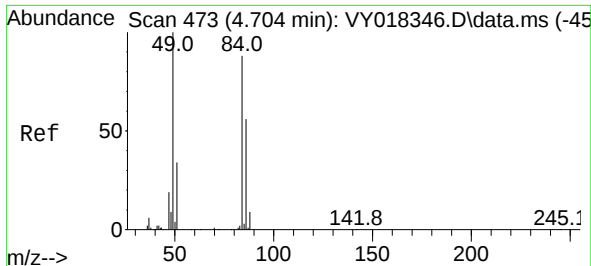
Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 11.8 55.7 83.5#



#16
Acetone
Concen: 7.794 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018370.D
Acq: 24 May 2024 17:28

Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
58 28.3 31.7 47.5#





#20

Methylene Chloride

Concen: 6.762 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.006 min

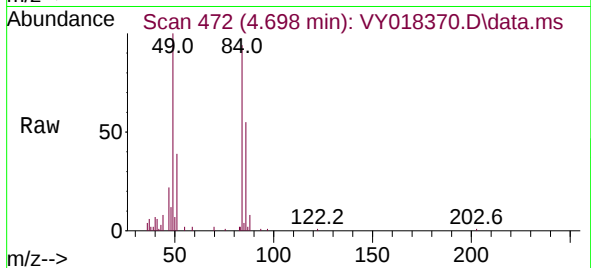
Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 13370

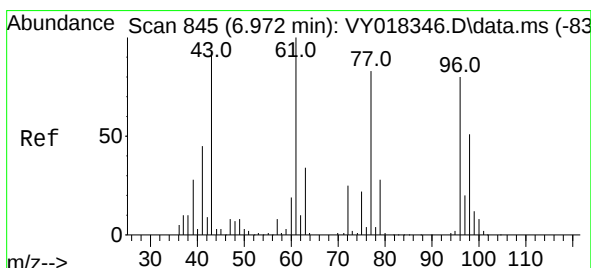
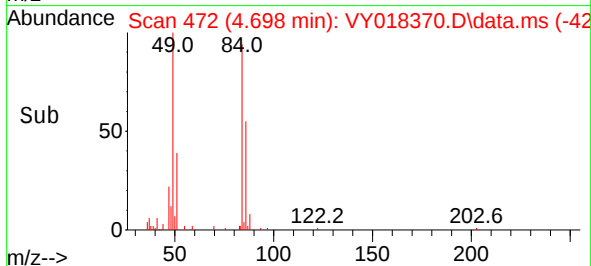
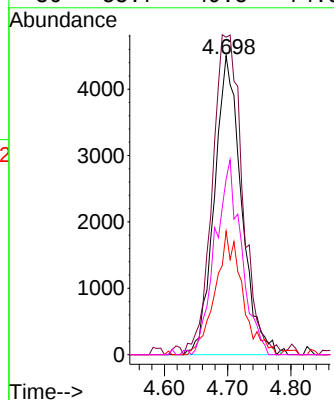
Ion Ratio Lower Upper

84 100

49 104.7 84.4 126.6

51 41.2 26.0 39.0#

86 58.7 49.5 74.3



#25

2-Butanone

Concen: 2.098 ug/l

RT: 6.965 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018370.D

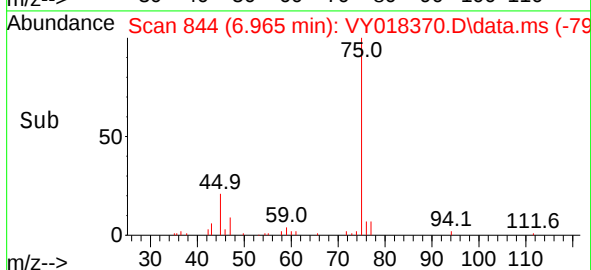
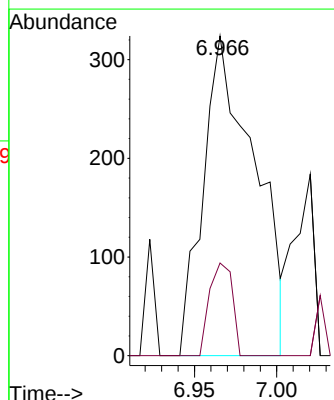
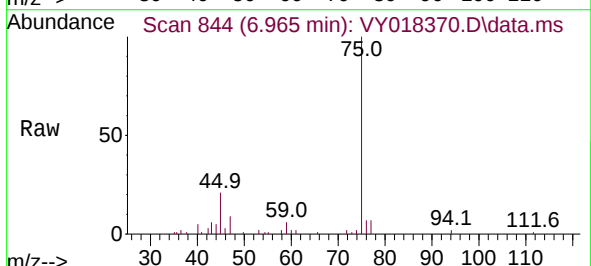
Acq: 24 May 2024 17:28

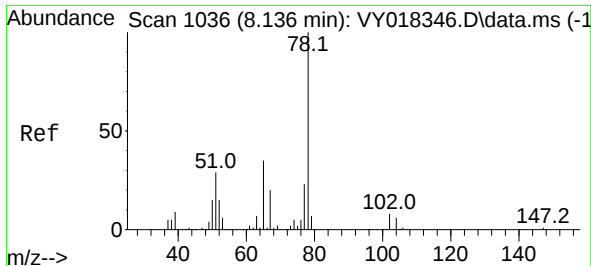
Tgt Ion: 43 Resp: 705

Ion Ratio Lower Upper

43 100

72 29.0 27.3 40.9





#33

1,2-Dichloroethane-d4

Concen: 60.137 ug/l

RT: 8.130 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

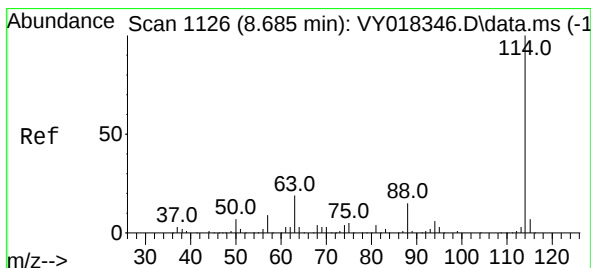
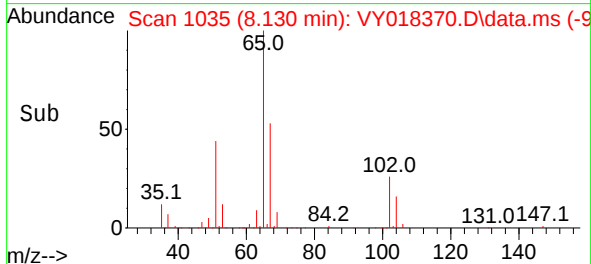
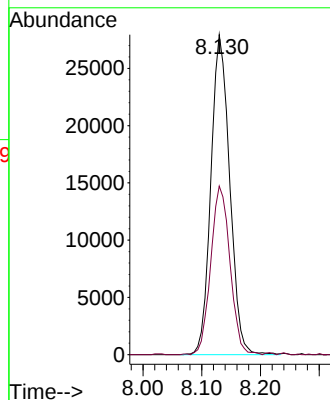
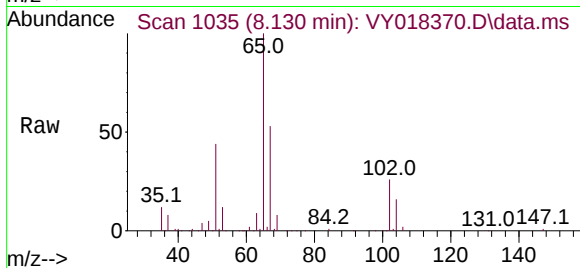
ClientSampleId :

Tgt Ion: 65 Resp: 62015

Ion Ratio Lower Upper

65 100

67 53.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

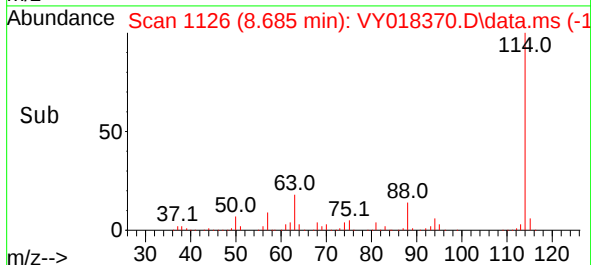
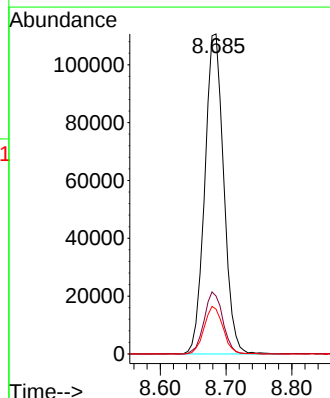
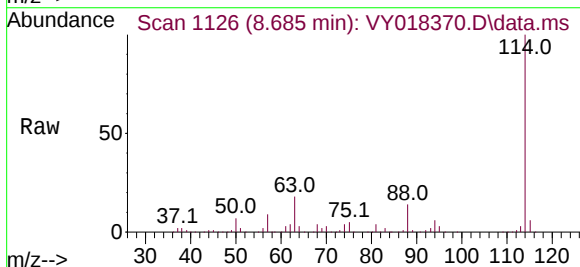
Tgt Ion:114 Resp: 221560

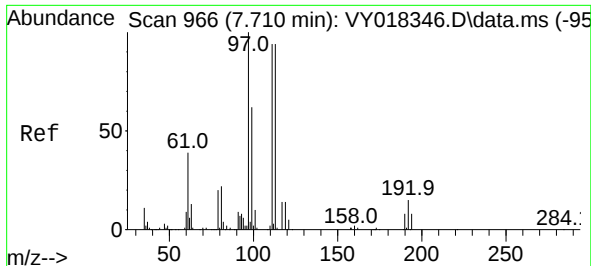
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.672 ug/l

RT: 7.703 min Scan# 90

Delta R.T. -0.006 min

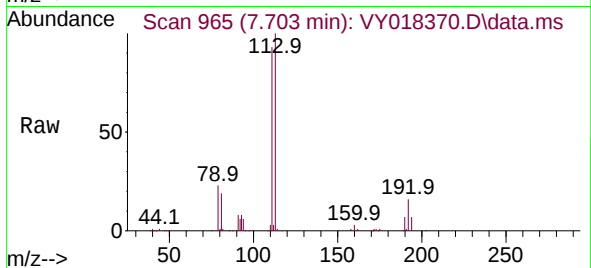
Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :



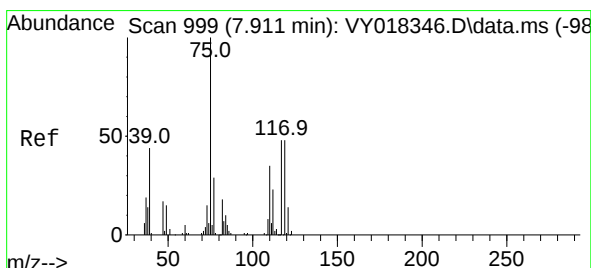
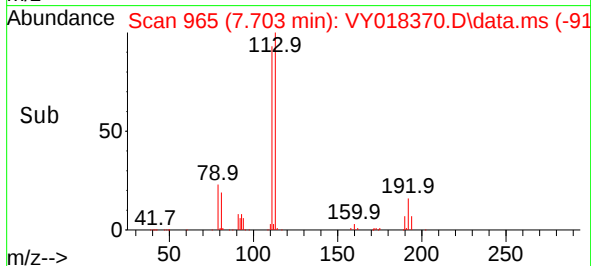
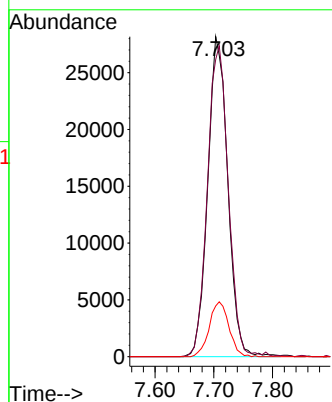
Tgt Ion:113 Resp: 66762

Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 16.9 15.9 23.9



#36

1,1-Dichloropropene

Concen: 5.111 ug/l

RT: 7.782 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

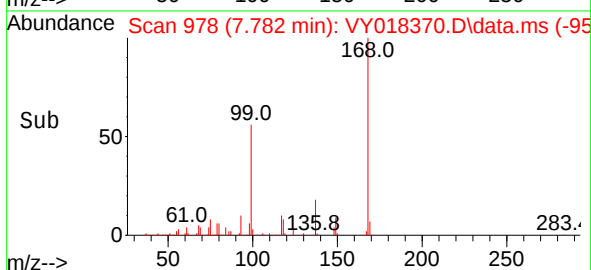
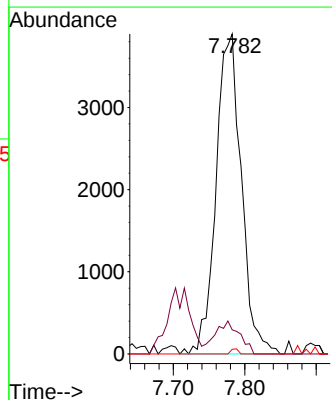
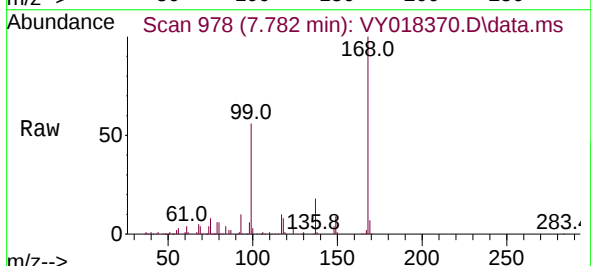
Tgt Ion: 75 Resp: 9577

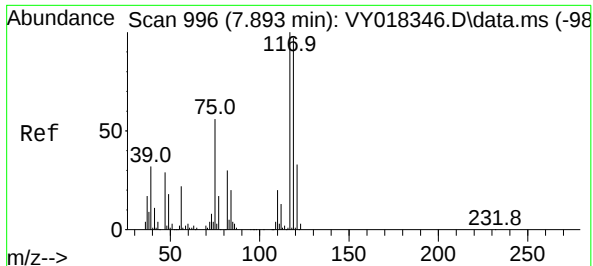
Ion Ratio Lower Upper

75 100

110 10.0 19.0 57.0#

77 0.5 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.197 ug/l

RT: 7.770 min Scan# 91

Delta R.T. -0.122 min

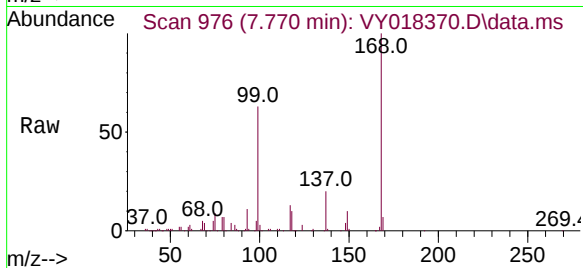
Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :



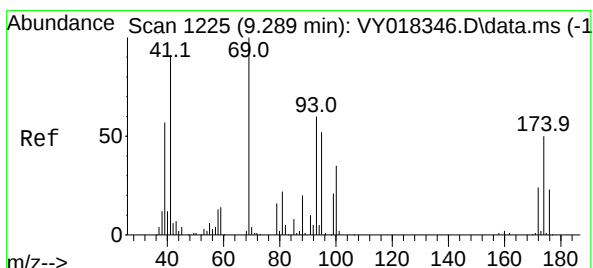
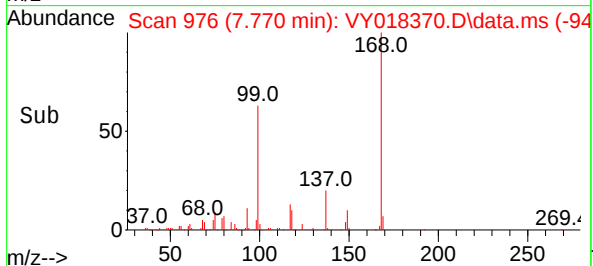
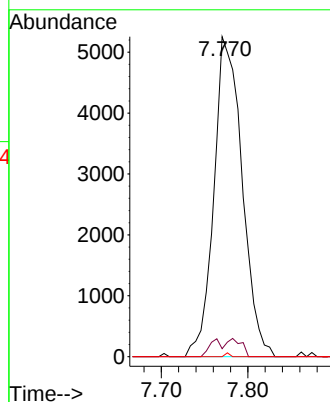
Tgt Ion:117 Resp: 11893

Ion Ratio Lower Upper

117 100

119 2.5 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 5.828 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

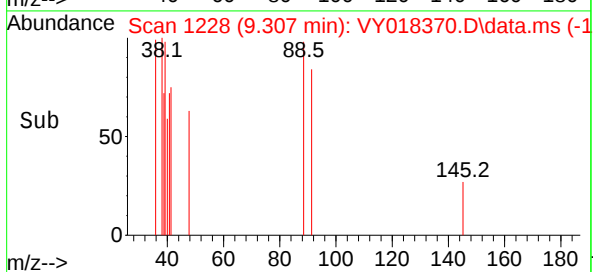
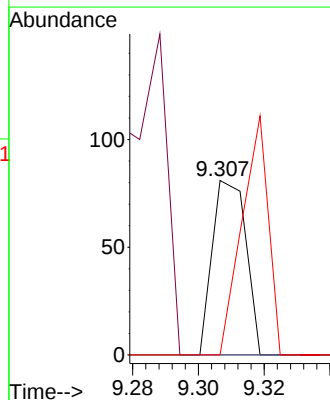
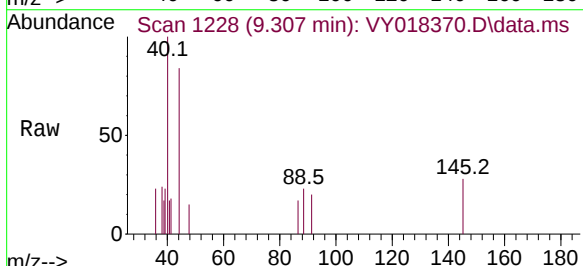
Tgt Ion: 88 Resp: 57

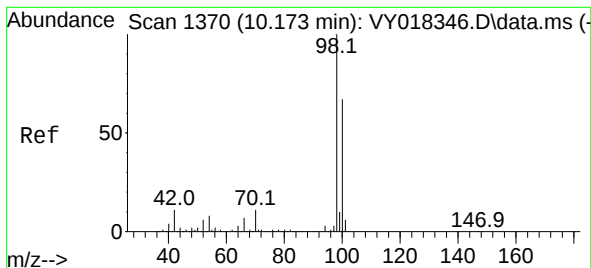
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 107.0 49.3 73.9#





#50

Toluene-d8

Concen: 51.378 ug/l

RT: 10.172 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

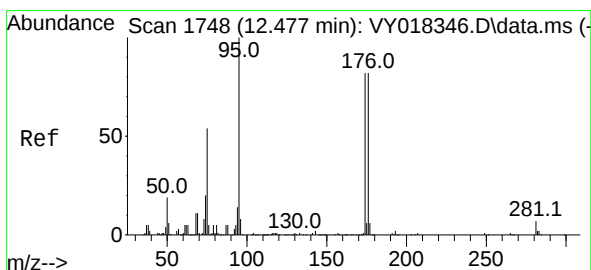
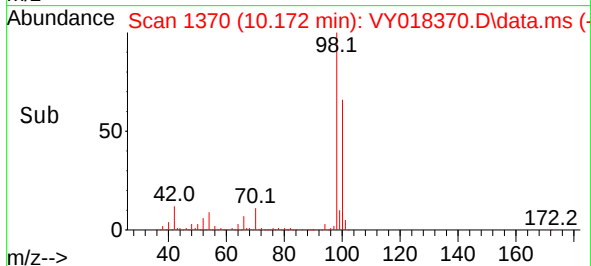
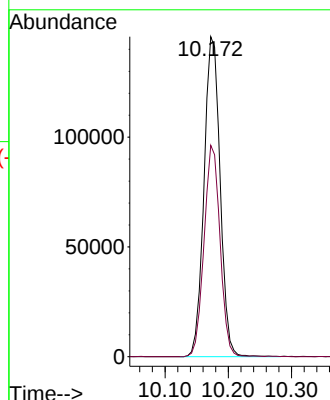
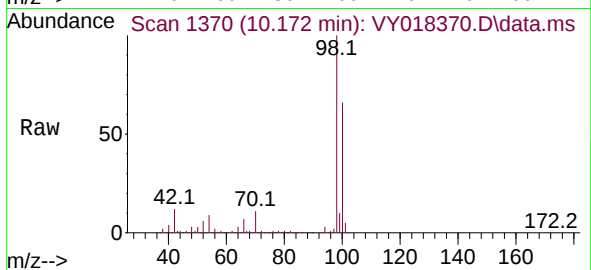
ClientSampleId :

Tgt Ion: 98 Resp: 258811

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.557 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

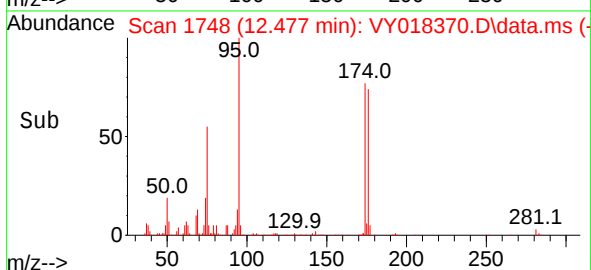
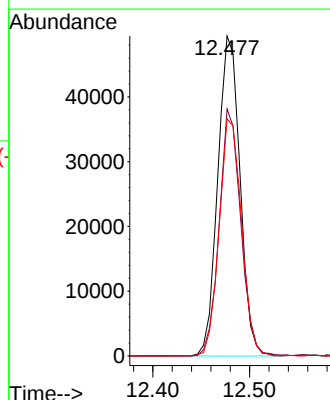
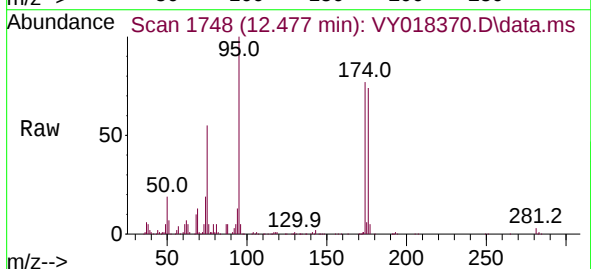
Tgt Ion: 95 Resp: 78692

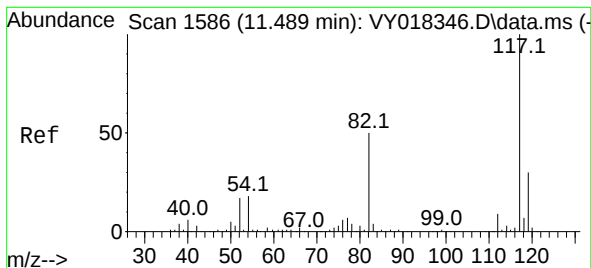
Ion Ratio Lower Upper

95 100

174 74.9 0.0 175.6

176 74.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

ClientSampleId :

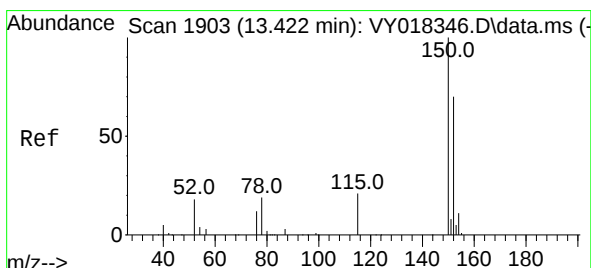
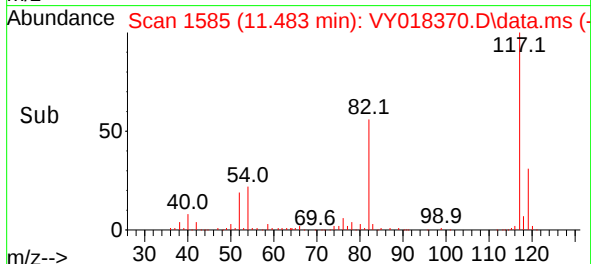
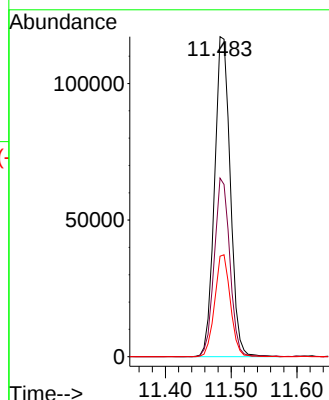
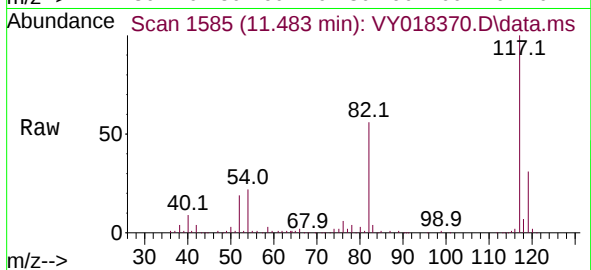
Tgt Ion:117 Resp: 195167

Ion Ratio Lower Upper

117 100

82 55.8 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

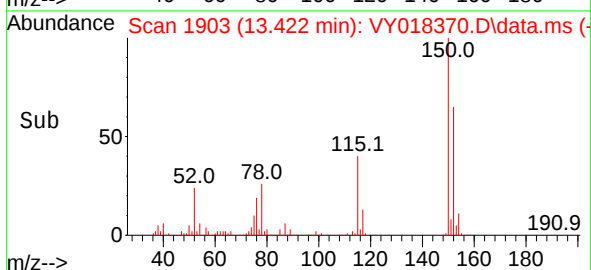
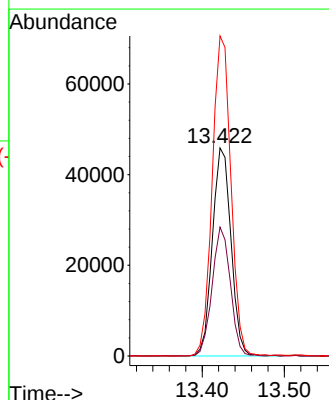
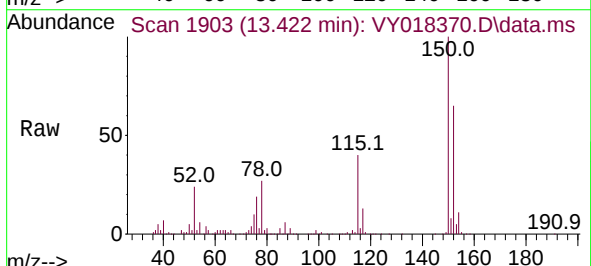
Tgt Ion:152 Resp: 72218

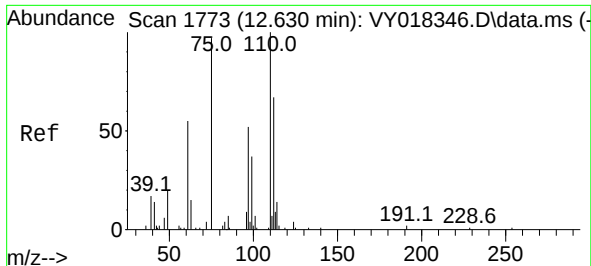
Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 154.1 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 62.966 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

Instrument :

MSVOA_Y

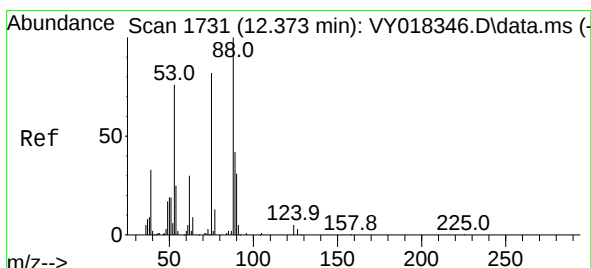
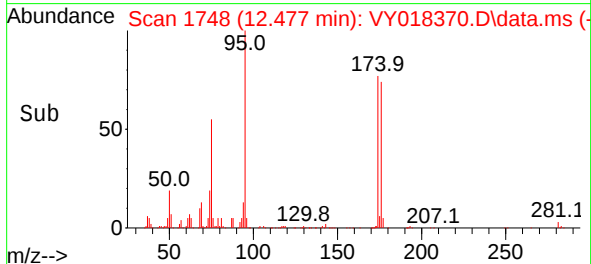
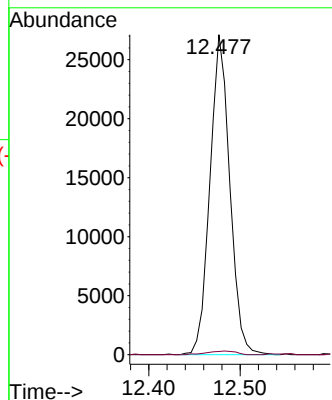
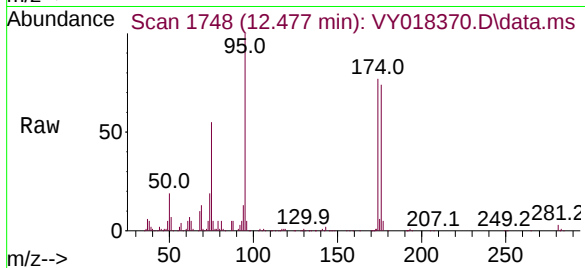
ClientSampleId :

Tgt Ion: 75 Resp: 40870

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.553 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.103 min

Lab File: VY018370.D

Acq: 24 May 2024 17:28

Tgt Ion: 75 Resp: 40870

Ion Ratio Lower Upper

75 100

53 0.3 66.8 100.2#

89 0.2 35.8 53.6#

