

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018462.D
 Acq On : 04 Jun 2024 14:27
 Operator : SY/MD
 Sample : P2683-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:25:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

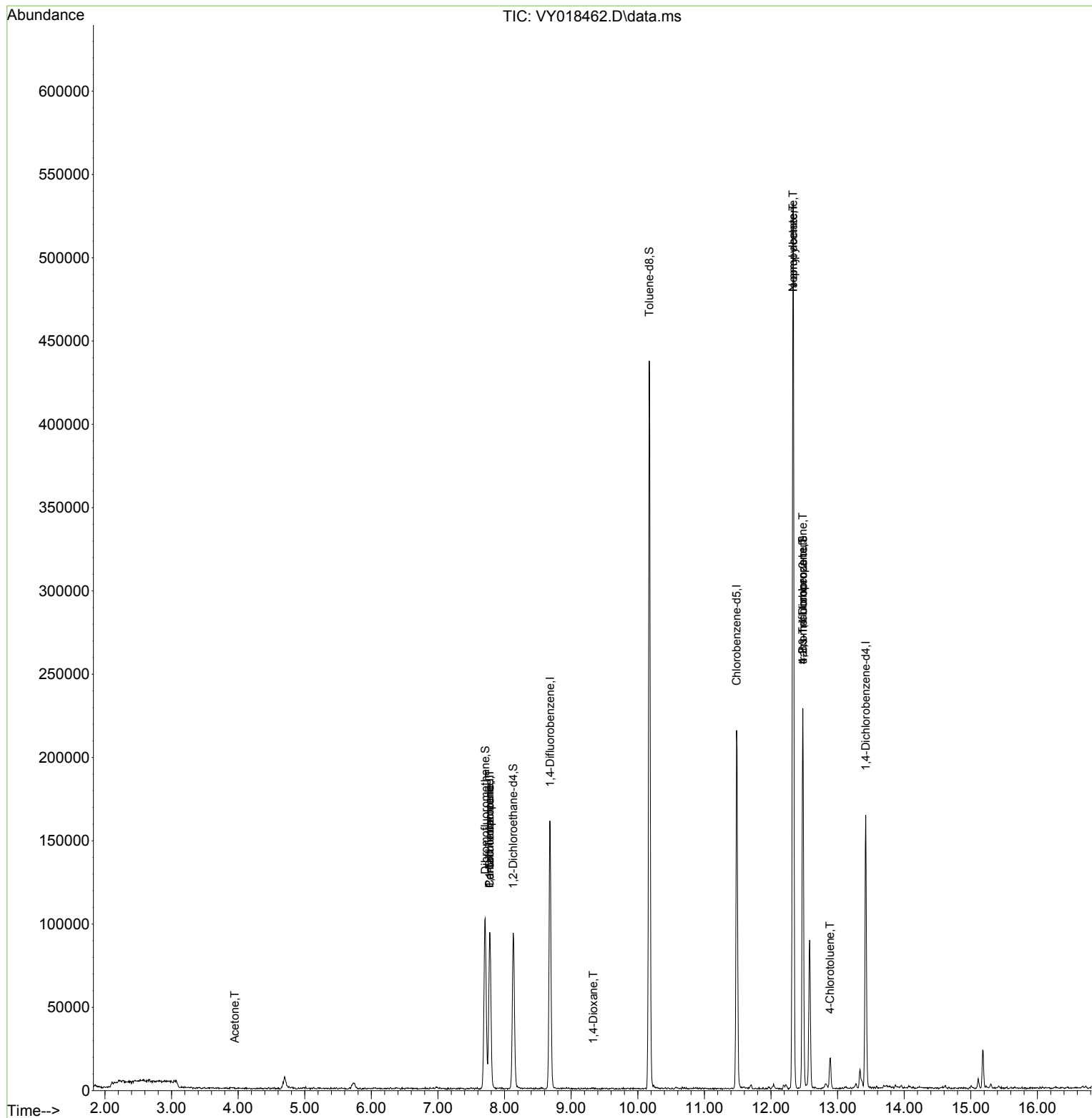
Internal Standards						
1) Pentafluorobenzene	7.777	168	67066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	112585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	68397	51.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.860%	
35) Dibromofluoromethane	7.710	113	71203	42.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.260%	
50) Toluene-d8	10.173	98	273220	40.638	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.280%	
62) 4-Bromofluorobenzene	12.477	95	68789	32.862	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 65.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	104	Below Cal	#	1
16) Acetone	3.948	43	695	2.377	ug/l #	36
20) Methylene Chloride	4.710	84	4570	Below Cal	#	85
36) 1,1-Dichloropropene	7.777	75	5960	2.313	ug/l #	49
38) Carbon Tetrachloride	7.777	117	7469	2.892	ug/l #	17
49) 1,4-Dioxane	9.331	88	65	4.889	ug/l #	20
73) Isopropylbenzene	12.331	105	20448	5.115	ug/l #	59
74) N-amyl acetate	12.331	43	10695	10.992	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	37854	78.808	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37854	165.571	ug/l #	16
82) 4-Chlorotoluene	12.886	91	3016	1.149	ug/l #	44

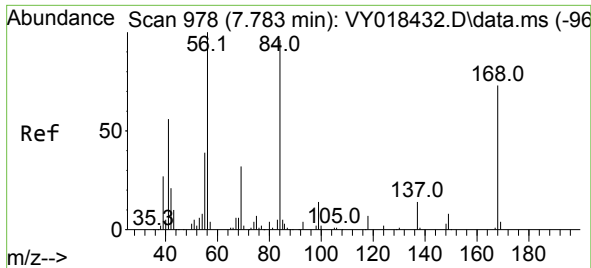
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
Data File : VY018462.D
Acq On : 04 Jun 2024 14:27
Operator : SY/MD
Sample : P2683-01
Misc : 4.98g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 05 01:25:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
Response via : Initial Calibration

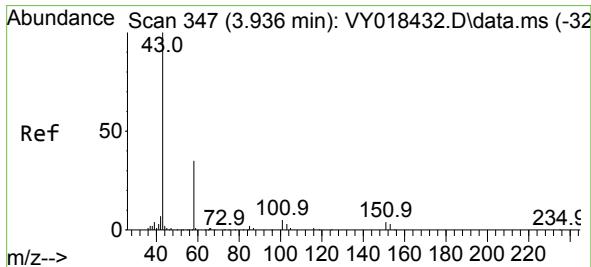
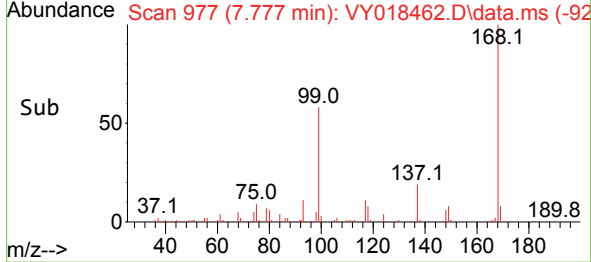
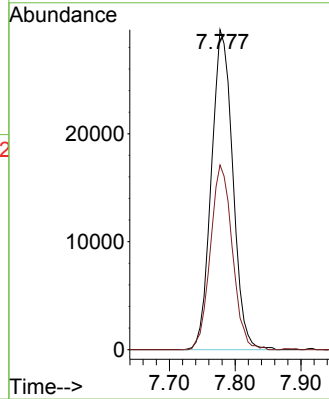
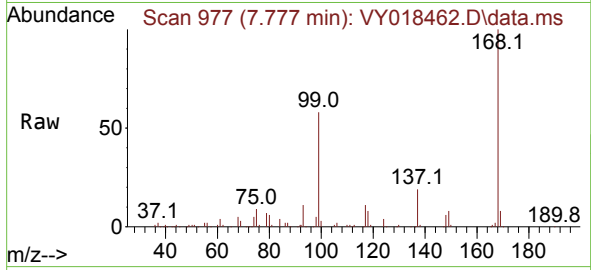




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

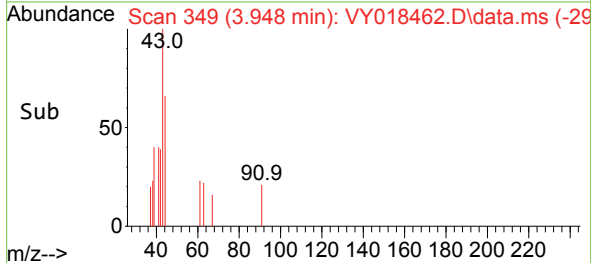
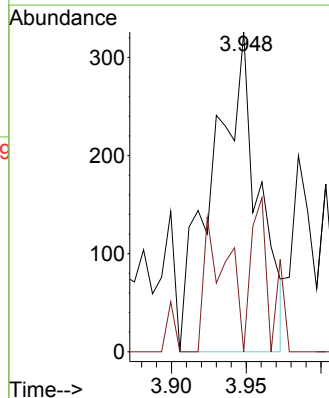
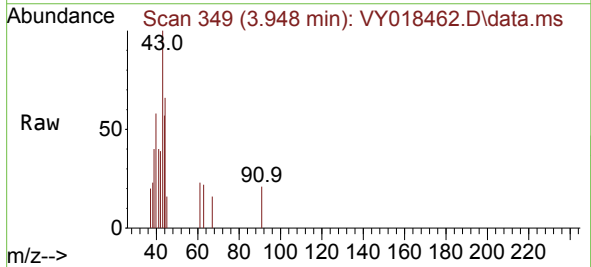
Instrument :
MSVOA_Y
ClientSampleId :

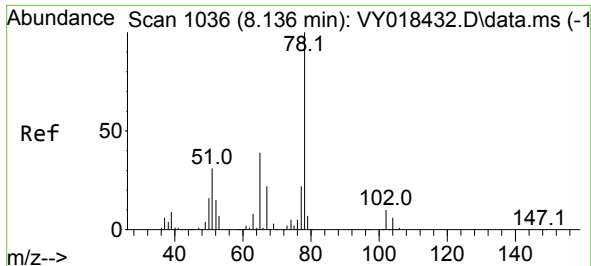
Tgt Ion:168 Resp: 67066
Ion Ratio Lower Upper
168 100
99 57.7 39.1 58.7



#16
Acetone
Concen: 2.377 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 51.931 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Instrument :

MSVOA_Y

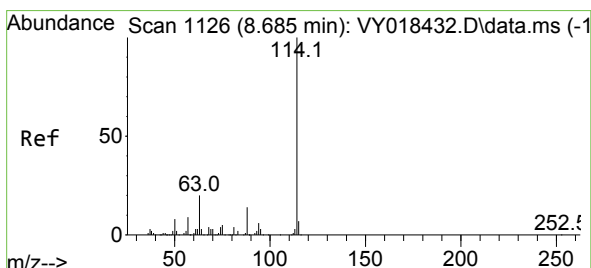
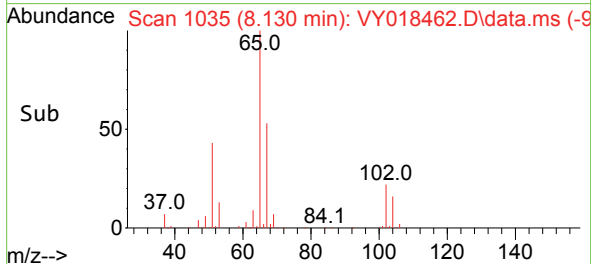
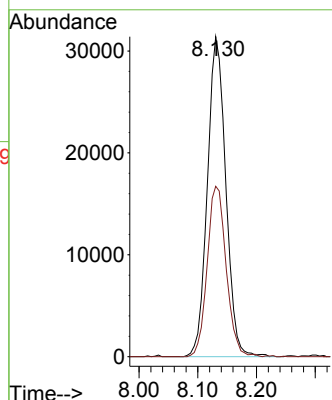
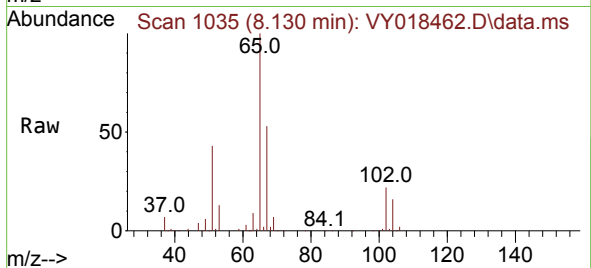
ClientSampleId :

Tgt Ion: 65 Resp: 68397

Ion Ratio Lower Upper

65 100

67 54.8 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: VY018462.D

Acq: 04 Jun 2024 14:27

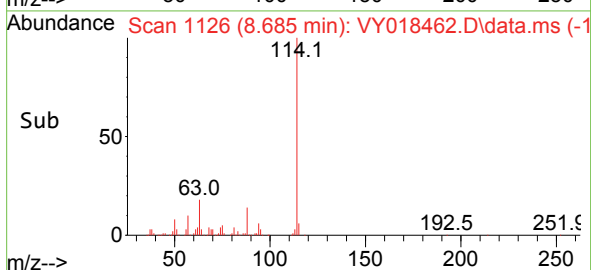
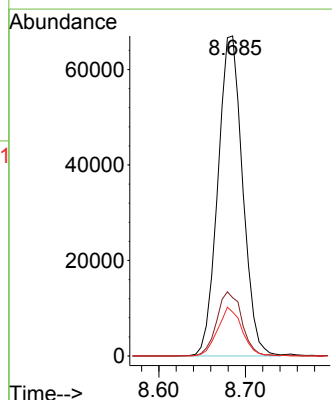
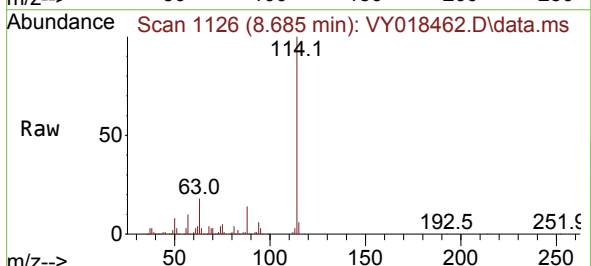
Tgt Ion: 114 Resp: 133272

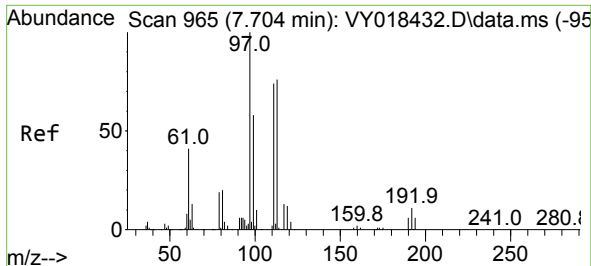
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 13.7 0.0 27.2

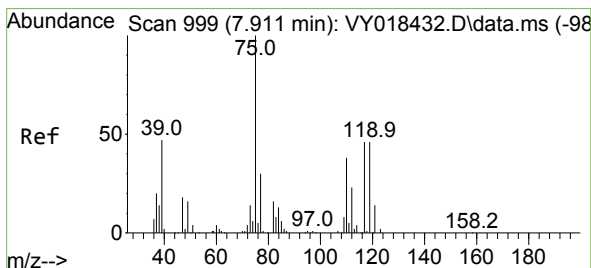
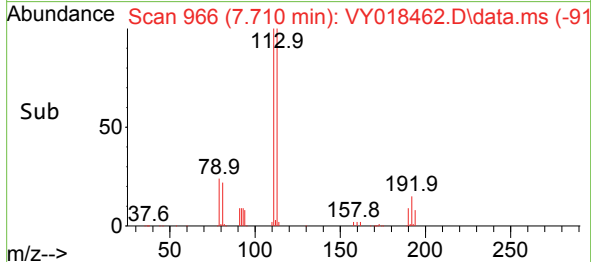
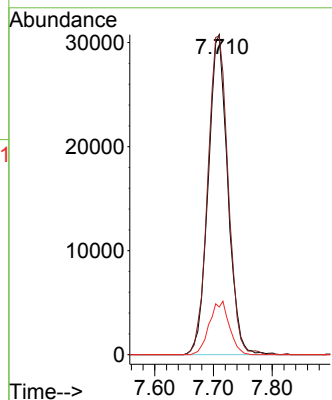
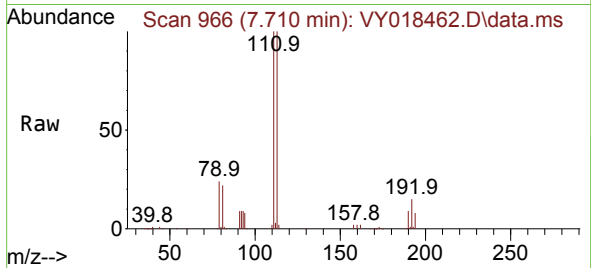




#35
Dibromofluoromethane
Concen: 42.132 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

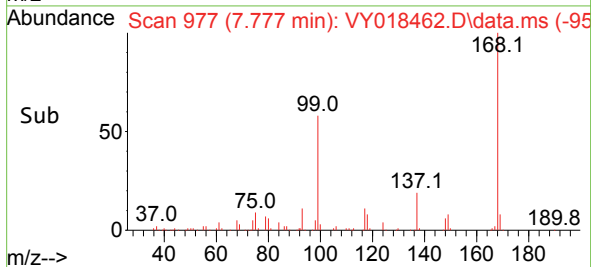
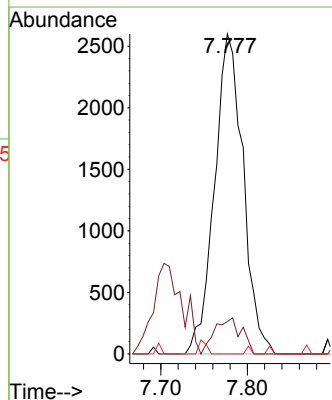
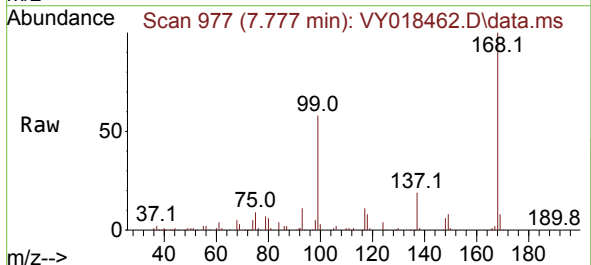
Instrument :
MSVOA_Y
ClientSampleId :

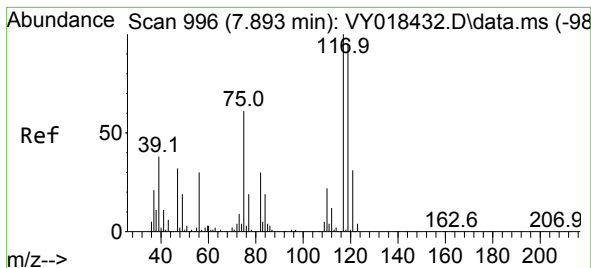
Tgt Ion:113 Resp: 71203
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 17.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.313 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

Tgt Ion: 75 Resp: 5960
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 2.892 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.116 min

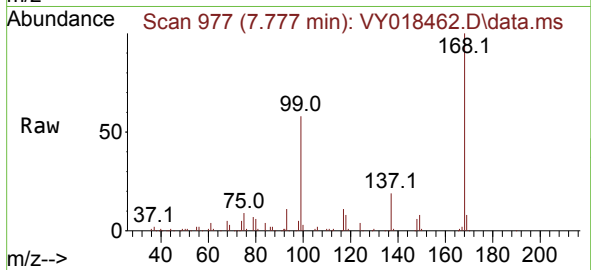
Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :



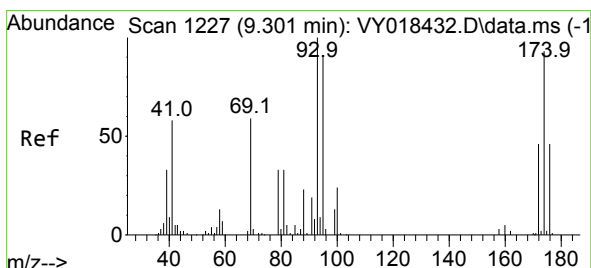
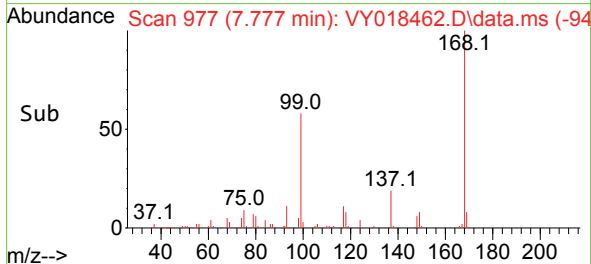
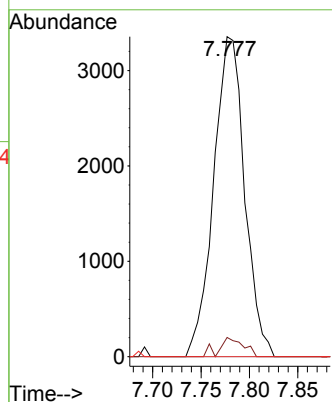
Tgt Ion:117 Resp: 7469

Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.6#

121 0.0 24.0 36.0#



#49

1,4-Dioxane

Concen: 4.889 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.031 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

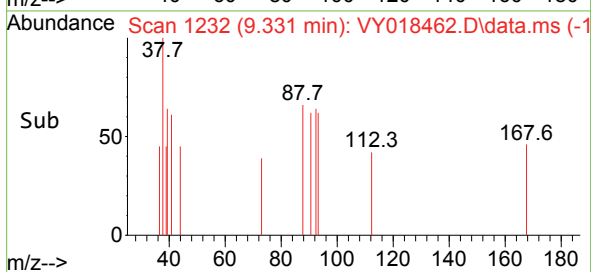
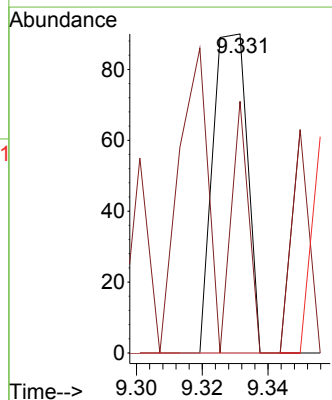
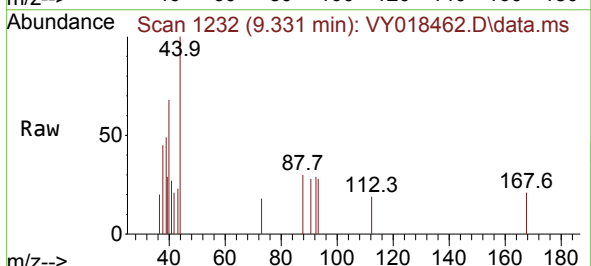
Tgt Ion: 88 Resp: 65

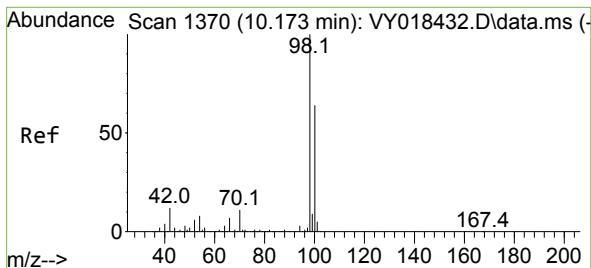
Ion Ratio Lower Upper

88 100

43 152.3 0.0 0.0#

58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 40.638 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Instrument :

MSVOA_Y

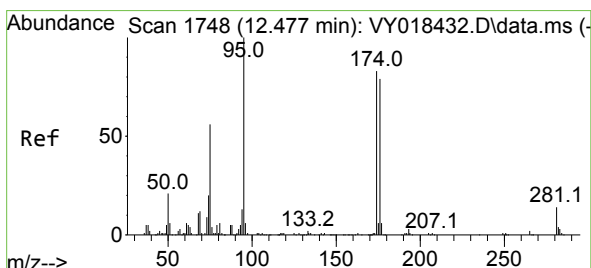
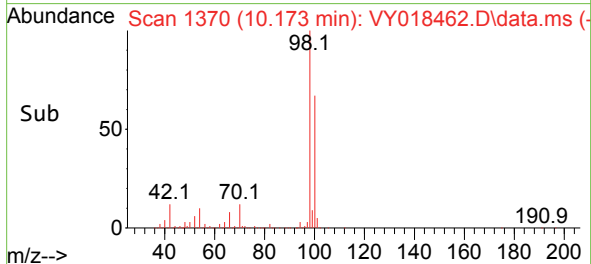
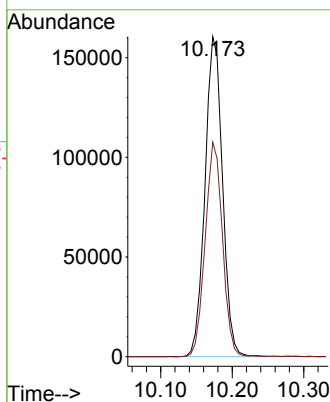
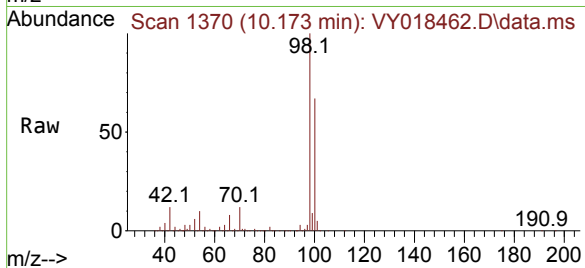
ClientSampleId :

Tgt Ion: 98 Resp: 273220

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 32.862 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

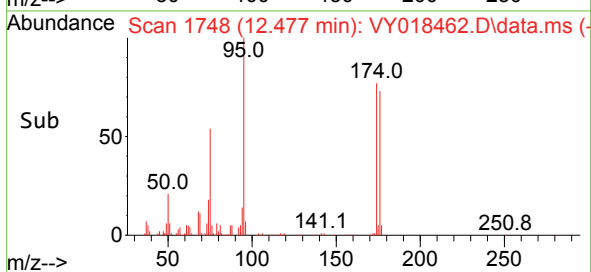
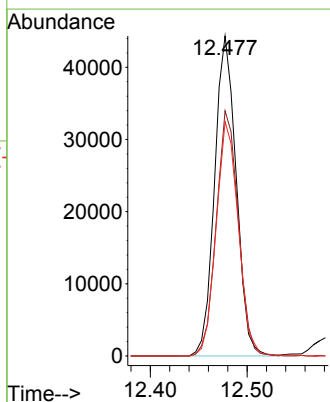
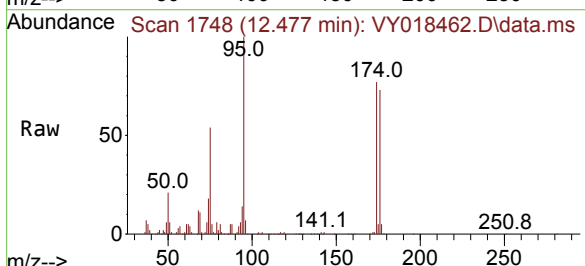
Tgt Ion: 95 Resp: 68789

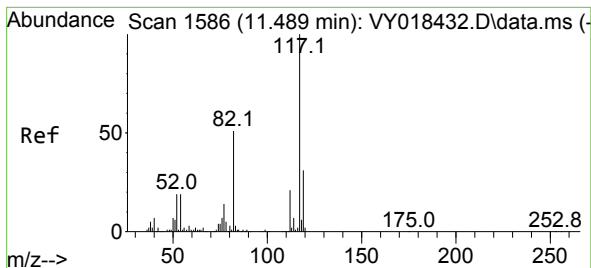
Ion Ratio Lower Upper

95 100

174 77.9 0.0 175.6

176 75.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.484 min Scan# 11

Delta R.T. -0.006 min

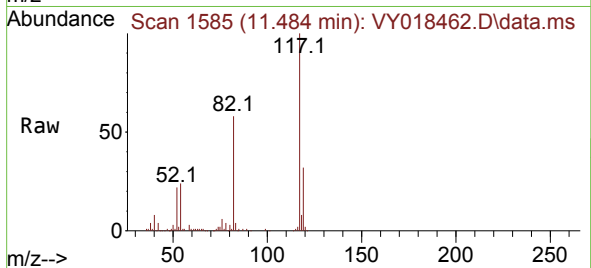
Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Instrument :

MSVOA_Y

ClientSampleId :



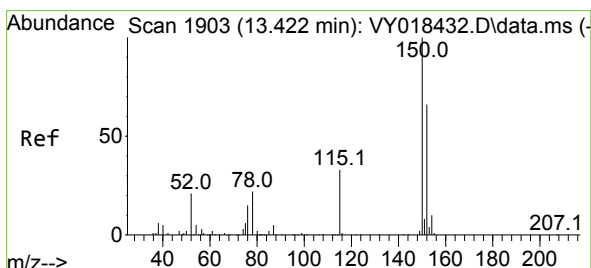
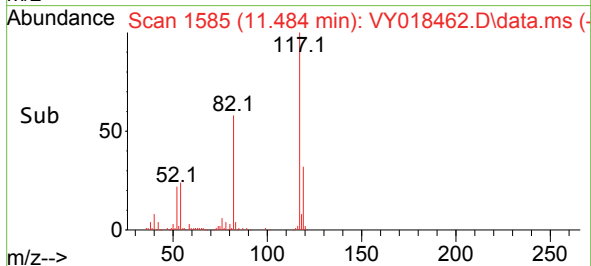
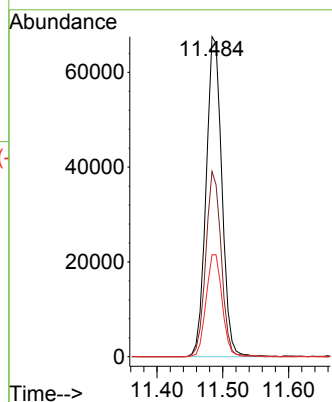
Tgt Ion:117 Resp: 112585

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.9 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: VY018462.D

Acq: 04 Jun 2024 14:27

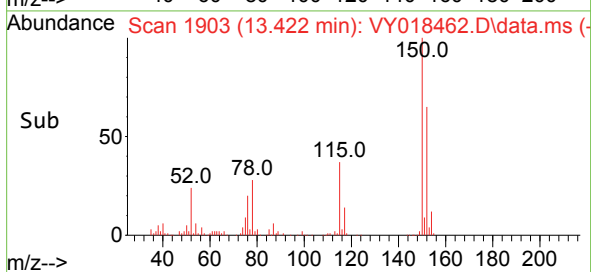
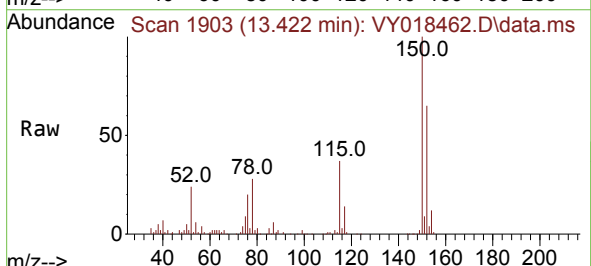
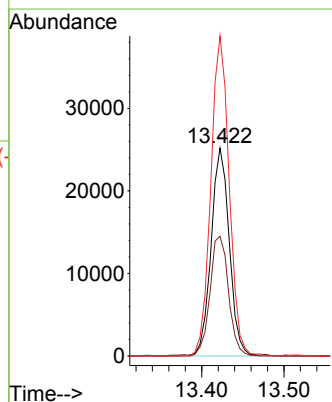
Tgt Ion:152 Resp: 38736

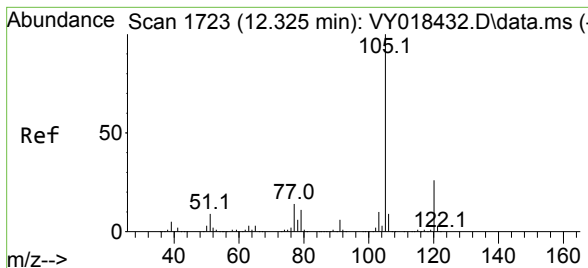
Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 154.8 0.0 345.6





#73

Isopropylbenzene

Concen: 5.115 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Instrument :

MSVOA_Y

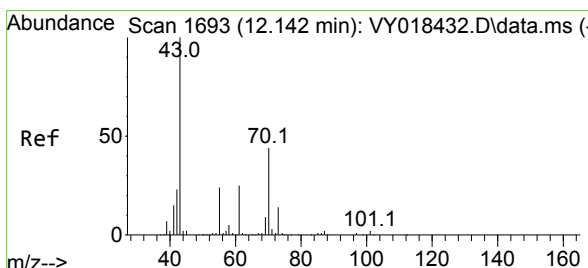
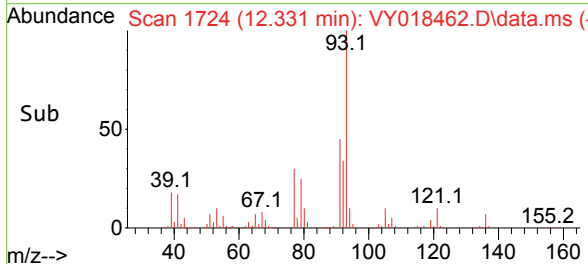
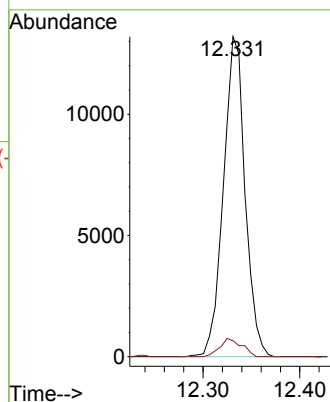
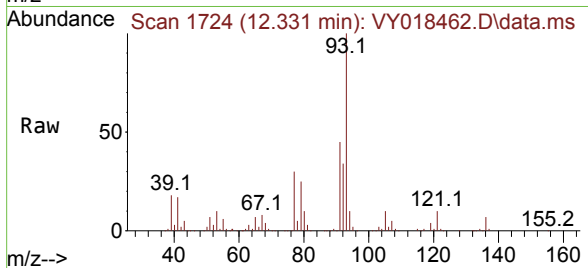
ClientSampleId :

Tgt Ion:105 Resp: 20448

Ion Ratio Lower Upper

105 100

120 5.8 13.4 40.1#



#74

N-amy1 acetate

Concen: 10.992 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.189 min

Lab File: VY018462.D

Acq: 04 Jun 2024 14:27

Tgt Ion: 43 Resp: 10695

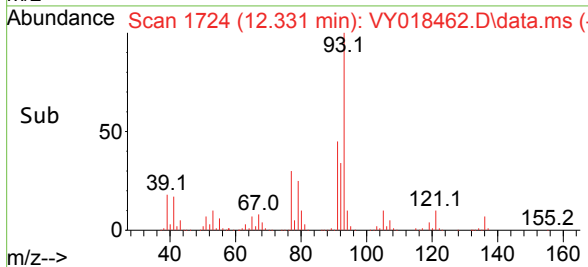
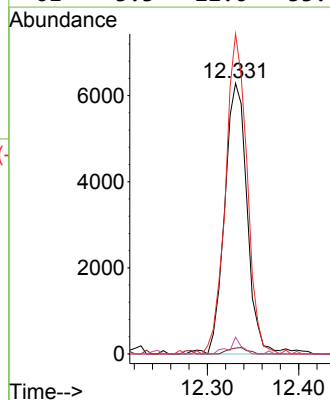
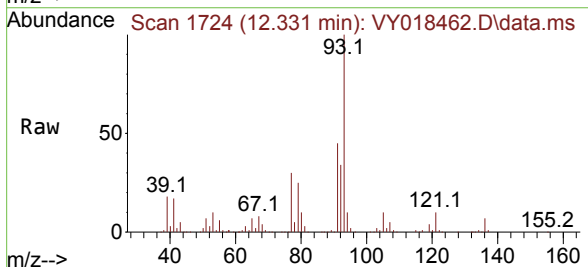
Ion Ratio Lower Upper

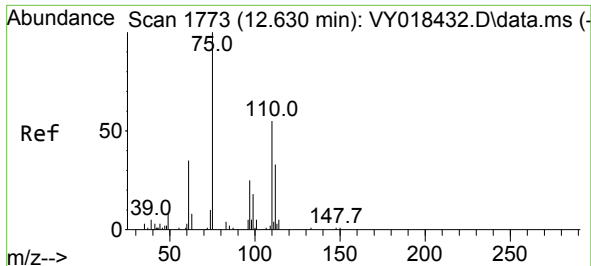
43 100

70 2.0 41.4 62.2#

55 113.7 23.3 34.9#

61 3.3 22.6 33.8#

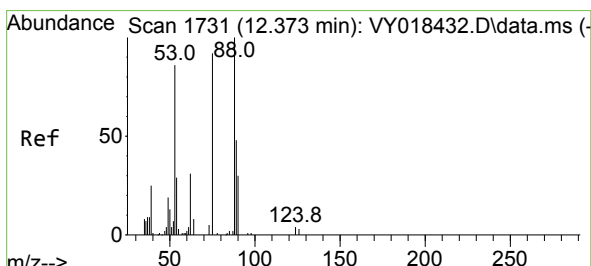
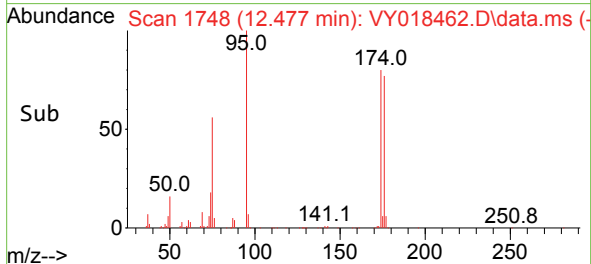
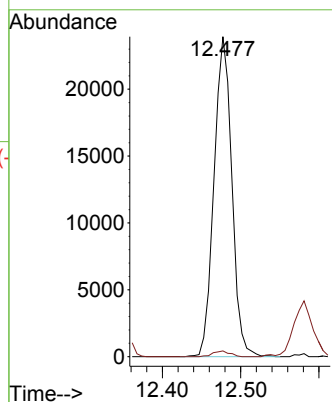
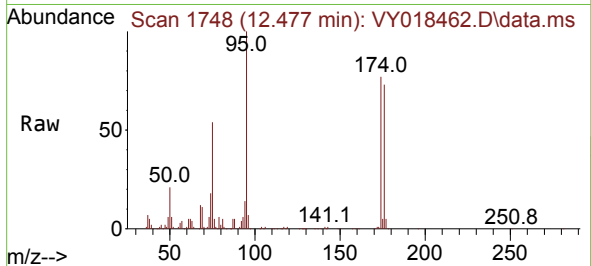




#76
1,2,3-Trichloropropane
Concen: 78.808 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

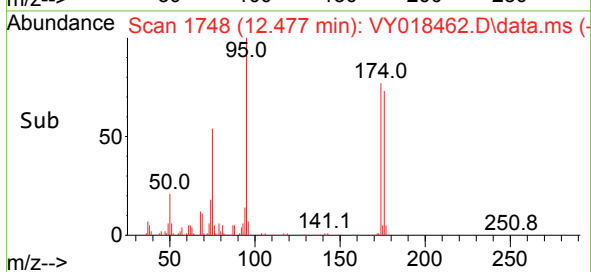
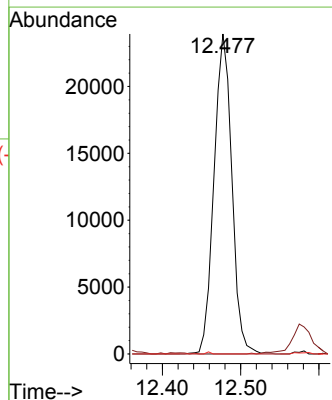
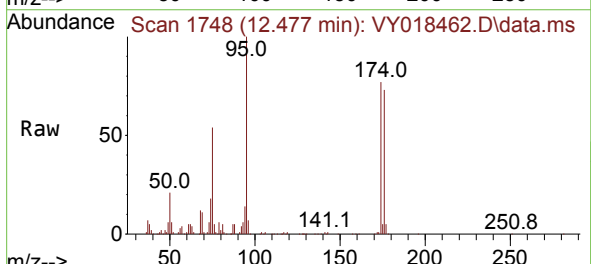
Instrument :
MSVOA_Y
ClientSampleId :

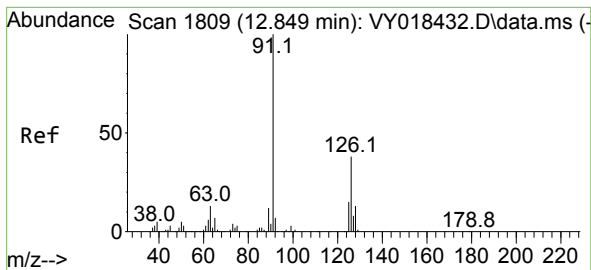
Tgt Ion: 75 Resp: 37854
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 165.571 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018462.D
Acq: 04 Jun 2024 14:27

Tgt Ion: 75 Resp: 37854
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#82
 4-Chlorotoluene
 Concen: 1.149 ug/l
 RT: 12.886 min Scan# 11
 Delta R.T. 0.037 min
 Lab File: VY018462.D
 Acq: 04 Jun 2024 14:27

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 91 Resp: 3016
 Ion Ratio Lower Upper
 91 100
 126 2.6 17.6 52.9#

