

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006886.D
 Acq On : 24 Nov 2021 18:49
 Operator : SY/MD
 Sample : M4765-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2

Quant Time: Nov 26 09:59:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

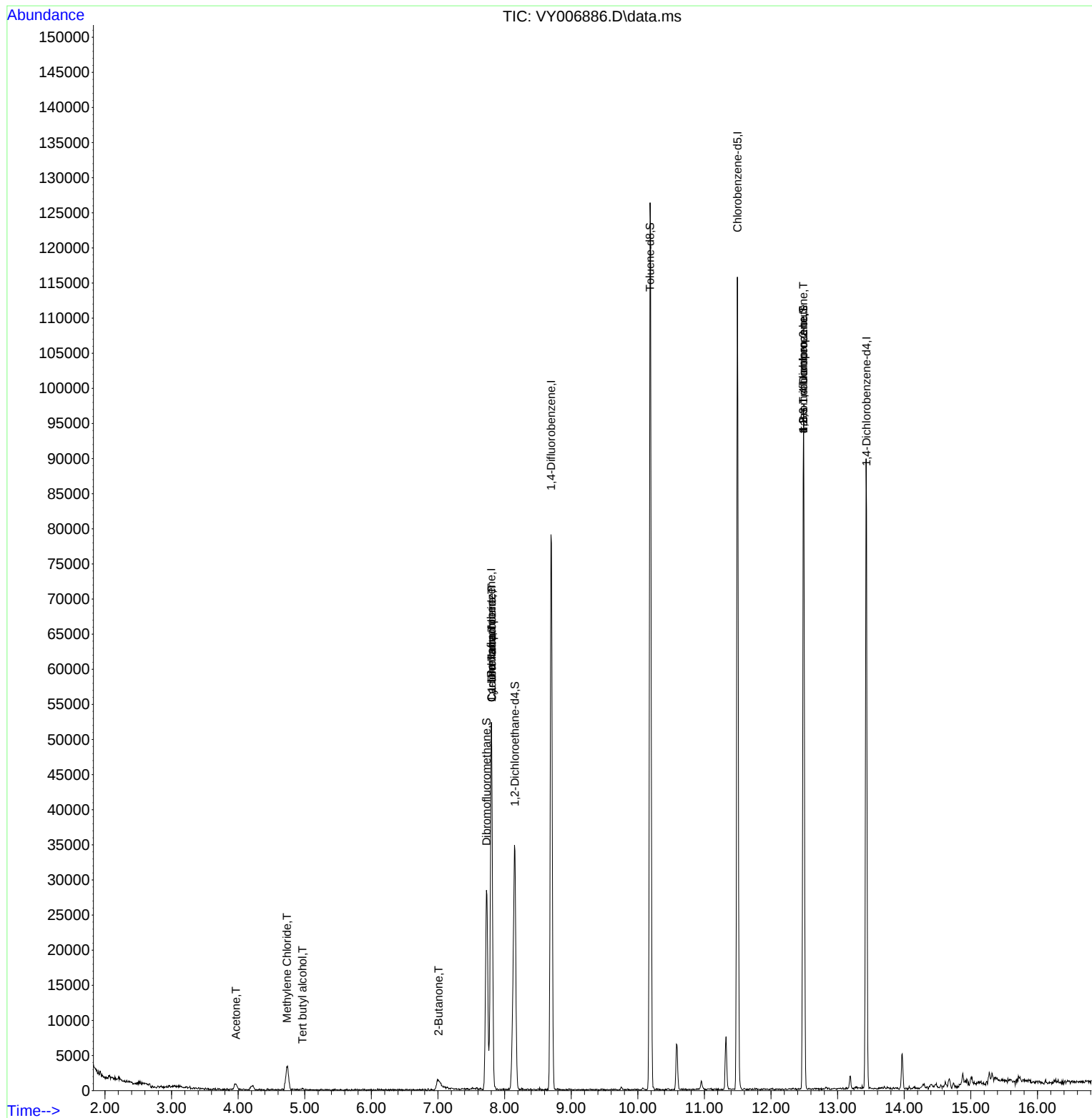
Internal Standards						
1) Pentafluorobenzene	7.801	168	38940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	63995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	55442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	21652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	25930	50.808	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.620%			
35) Dibromofluoromethane	7.728	113	19167	48.761	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.520%			
50) Toluene-d8	10.185	98	79590	48.930	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.483	95	21525	39.252	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 78.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	103	1.342	ug/l #	72
16) Acetone	3.966	43	1711	11.034	ug/l #	81
20) Methylene Chloride	4.735	84	2209	1.446	ug/l	87
25) 2-Butanone	7.009	43	109	11.962	ug/l #	52
31) Cyclohexane	7.807	56	962	1.072	ug/l #	37
36) 1,1-Dichloropropene	7.807	75	3524	5.066	ug/l #	49
38) Carbon Tetrachloride	7.807	117	4033	5.668	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	12982	55.148	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	12982	109.273	ug/l #	7

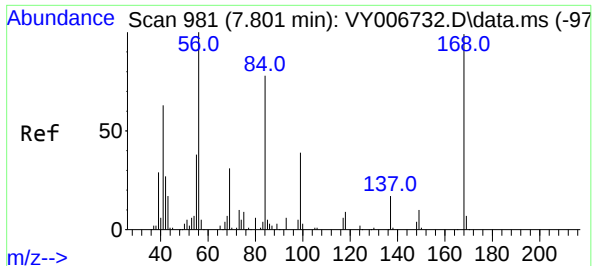
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
Data File : VY006886.D
Acq On : 24 Nov 2021 18:49
Operator : SY/MD
Sample : M4765-02
Misc : 5.08G/5ML/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

Quant Time: Nov 26 09:59:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration

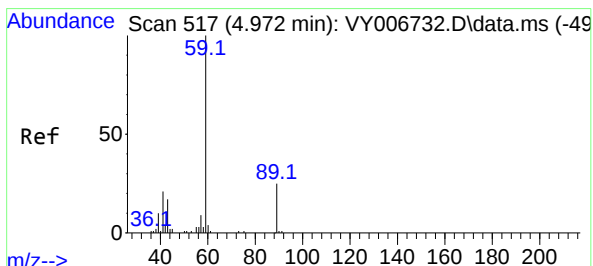
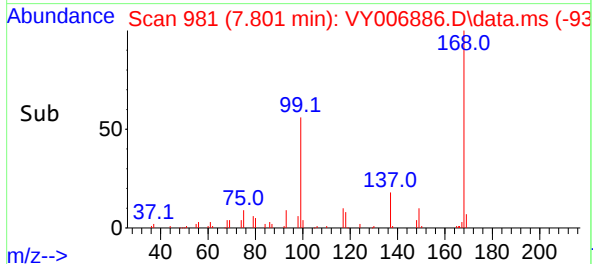
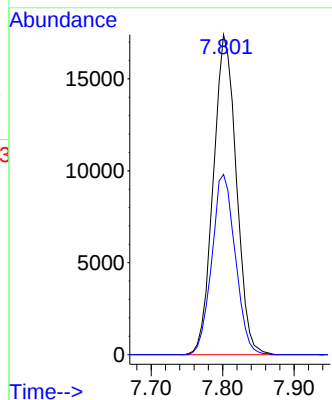
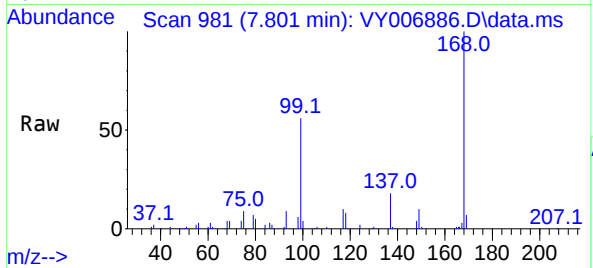




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

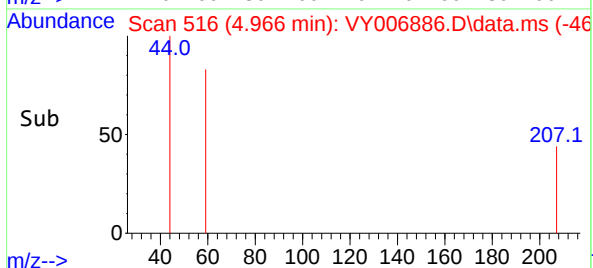
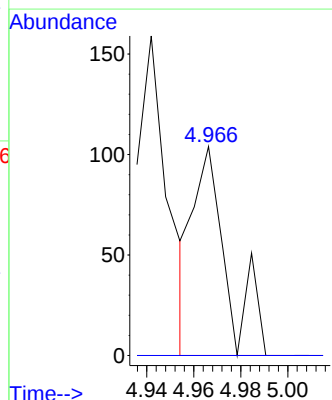
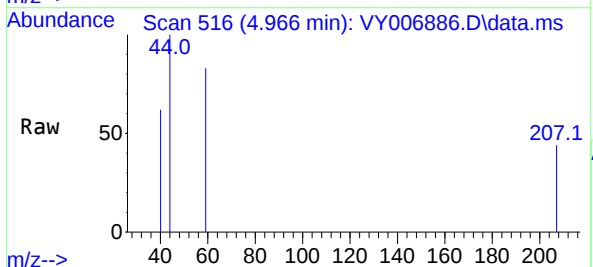
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

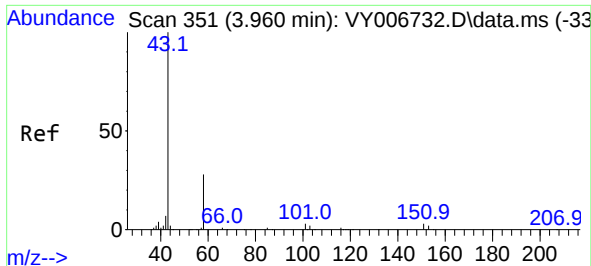
Tgt Ion:168 Resp: 38940
Ion Ratio Lower Upper
168 100
99 56.4 44.8 67.2



#11
Tert butyl alcohol
Concen: 1.342 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

Tgt Ion: 59 Resp: 103
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

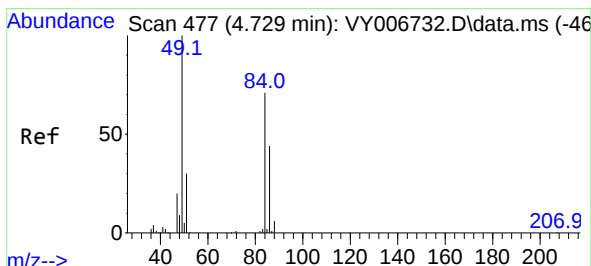
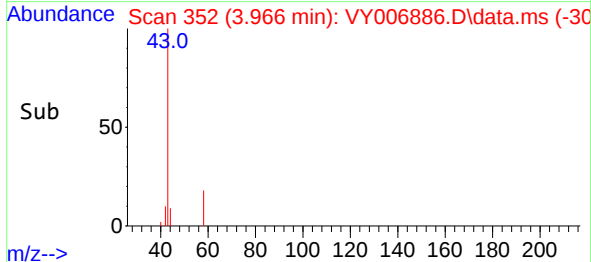
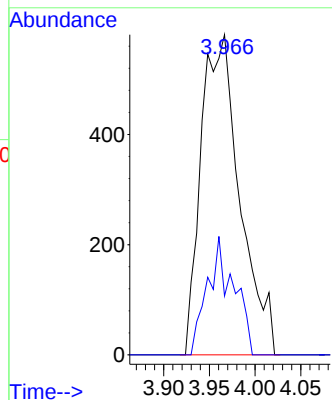
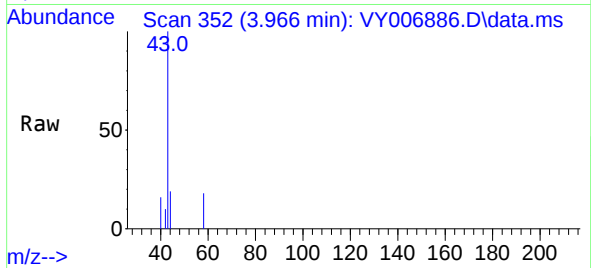




#16
Acetone
Concen: 11.034 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

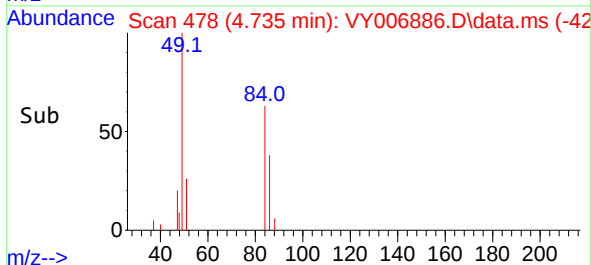
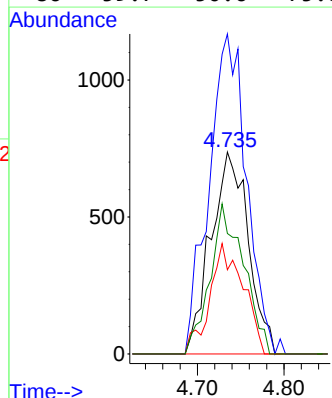
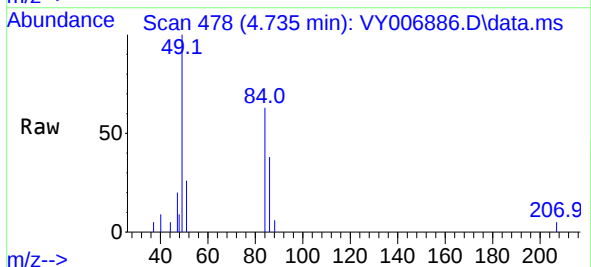
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

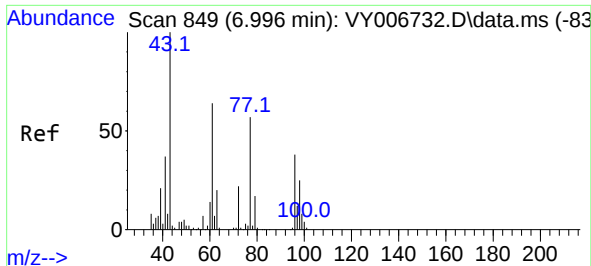
Tgt Ion: 43 Resp: 1711
Ion Ratio Lower Upper
43 100
58 18.4 22.9 34.3#



#20
Methylene Chloride
Concen: 1.446 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

Tgt Ion: 84 Resp: 2209
Ion Ratio Lower Upper
84 100
49 158.5 107.8 161.8
51 41.7 32.8 49.2
86 59.7 50.6 75.8





#25

2-Butanone

Concen: 11.962 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.013 min

Lab File: VY006886.D

Acq: 24 Nov 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

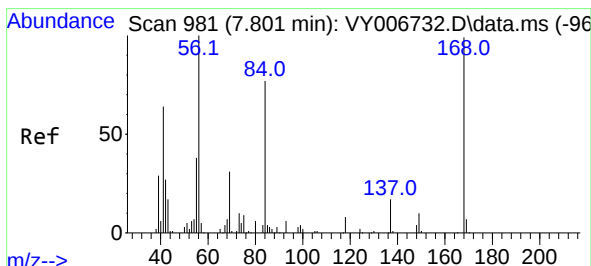
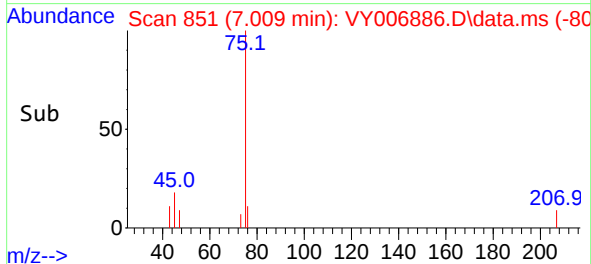
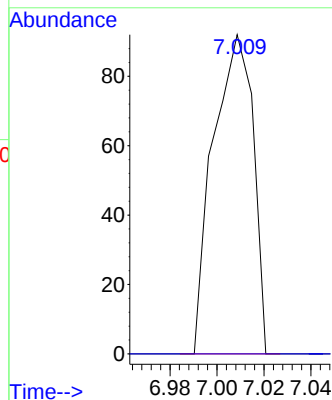
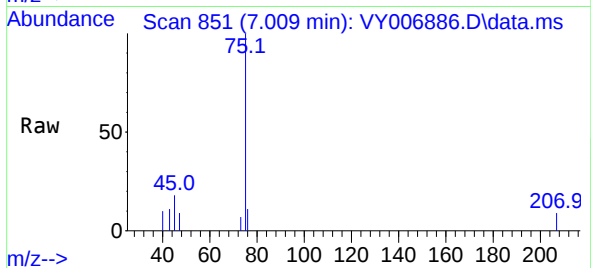
WC-2

Tgt Ion: 43 Resp: 109

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.072 ug/l

RT: 7.807 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY006886.D

Acq: 24 Nov 2021 18:49

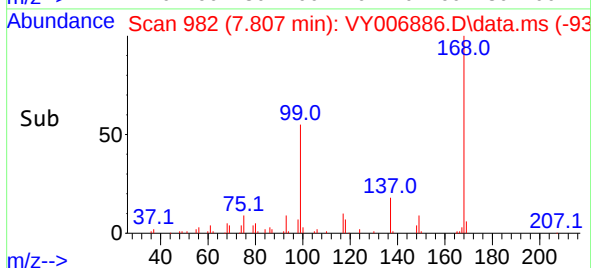
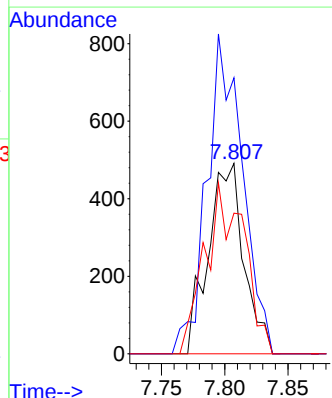
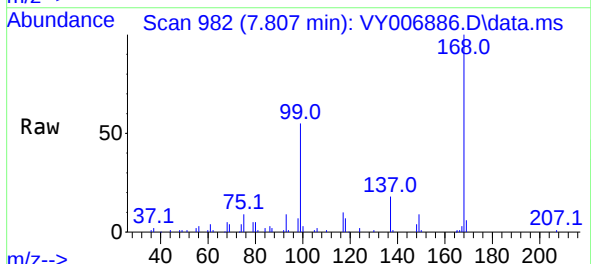
Tgt Ion: 56 Resp: 962

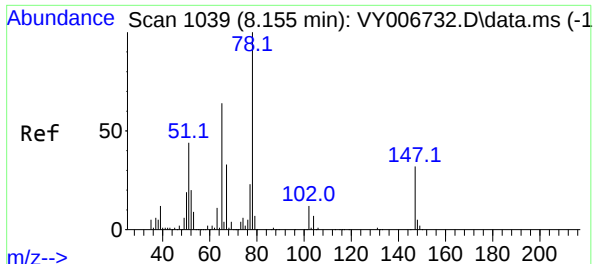
Ion Ratio Lower Upper

56 100

69 145.0 26.6 40.0#

84 73.9 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 50.808 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY006886.D

Acq: 24 Nov 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

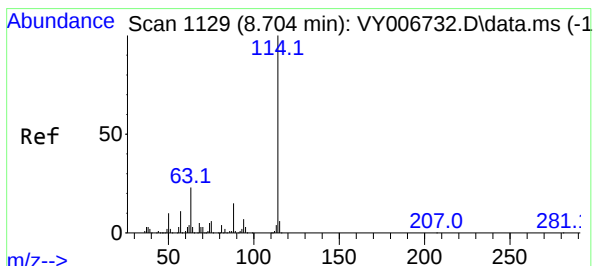
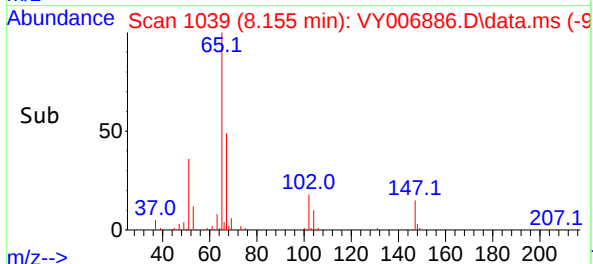
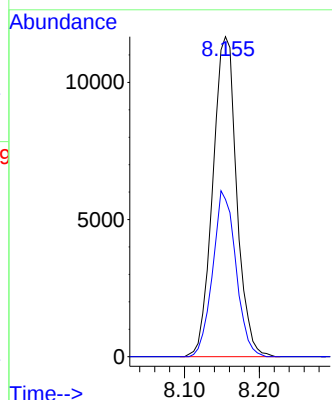
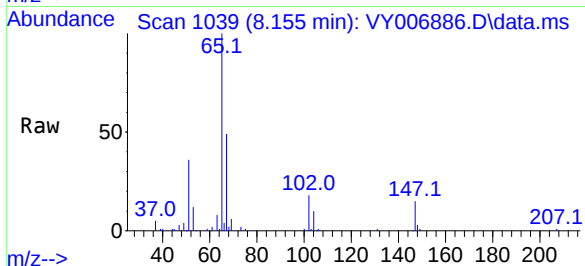
WC-2

Tgt Ion: 65 Resp: 25930

Ion Ratio Lower Upper

65 100

67 50.2 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006886.D

Acq: 24 Nov 2021 18:49

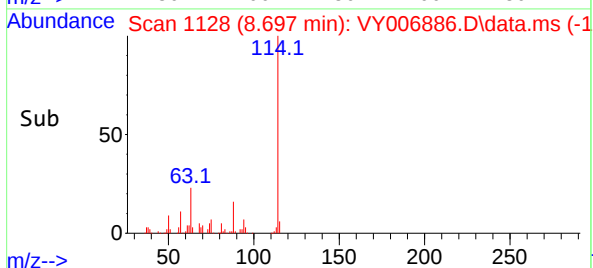
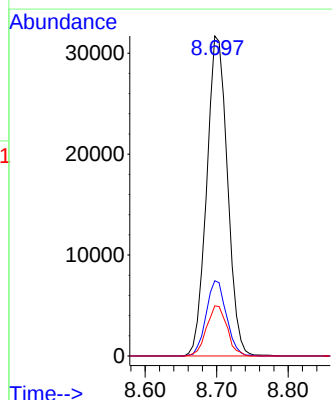
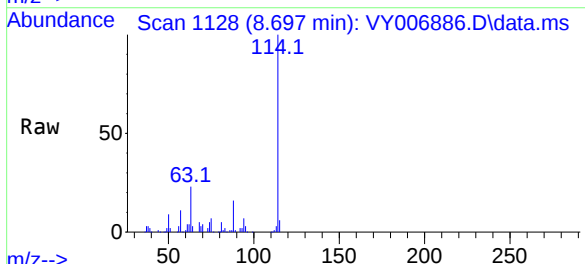
Tgt Ion: 114 Resp: 63995

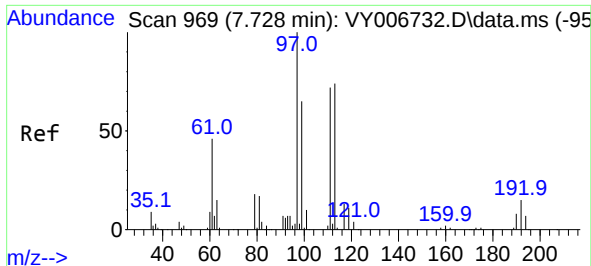
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 15.7 0.0 30.6

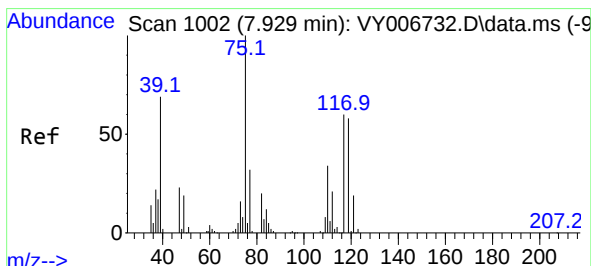
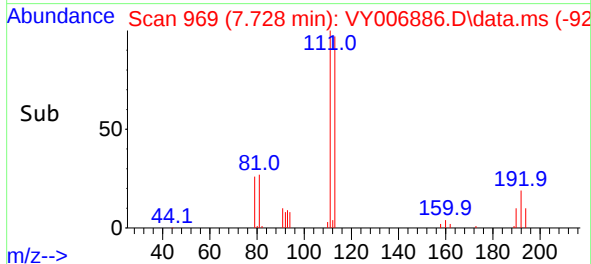
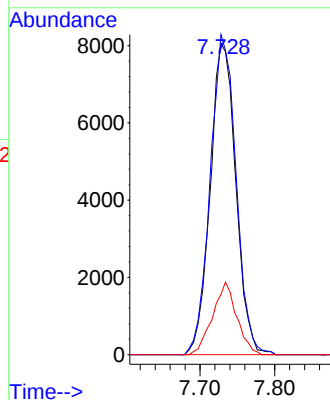
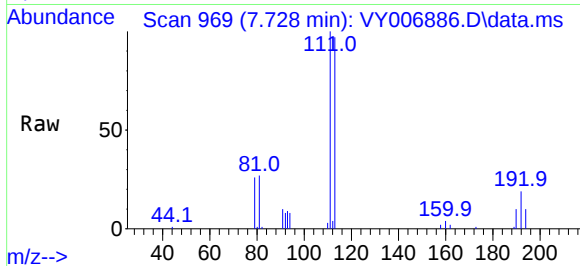




#35
Dibromofluoromethane
Concen: 48.761 ug/l
RT: 7.728 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

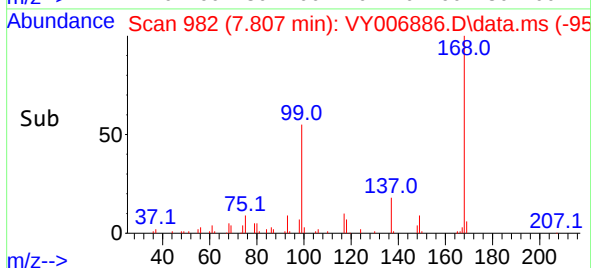
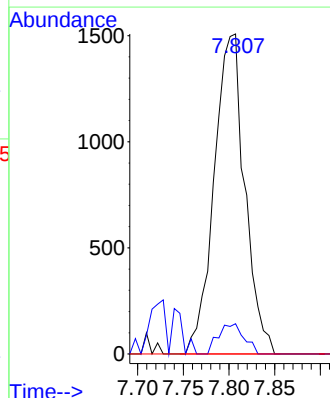
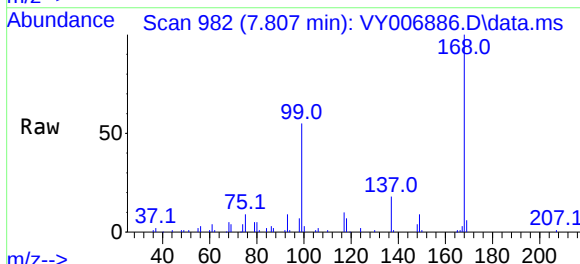
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

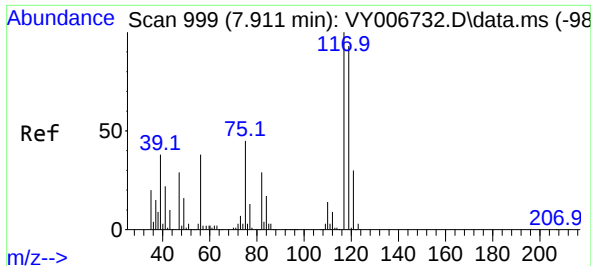
Tgt Ion:113 Resp: 19167
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 22.0 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

Tgt Ion: 75 Resp: 3524
Ion Ratio Lower Upper
75 100
110 7.9 17.1 51.3#
77 0.0 24.9 37.3#

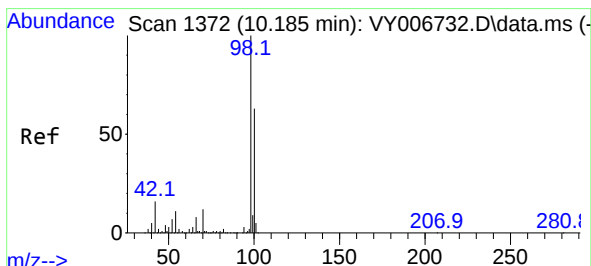
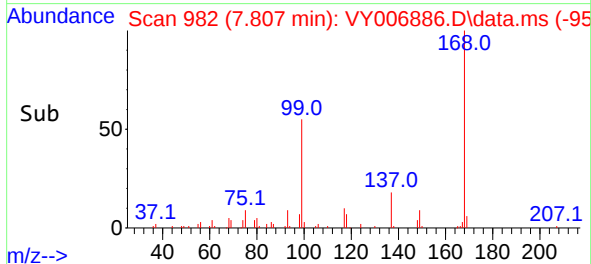
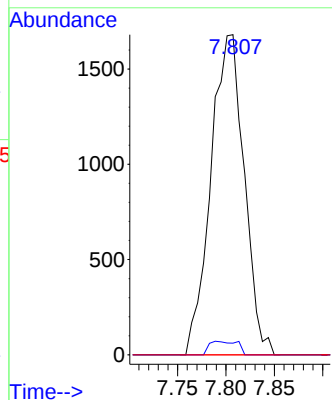
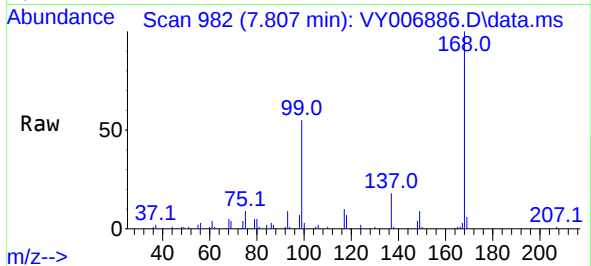




#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

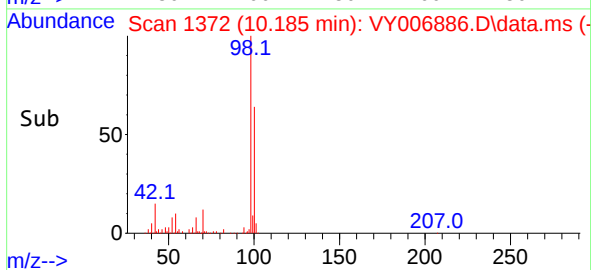
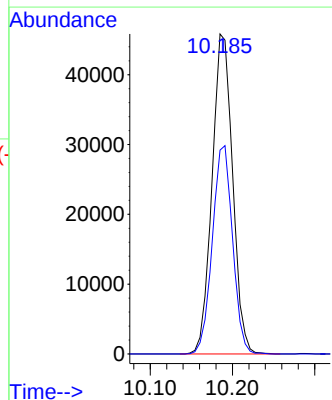
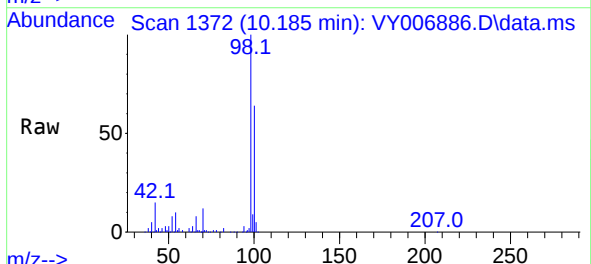
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

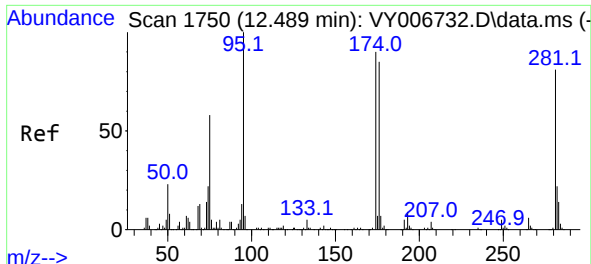
Tgt Ion:117 Resp: 4033
Ion Ratio Lower Upper
117 100
119 3.6 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.930 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

Tgt Ion: 98 Resp: 79590
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 39.252 ug/l

RT: 12.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006886.D

Acq: 24 Nov 2021 18:49

Instrument :

MSVOA_Y

ClientSampleId :

WC-2

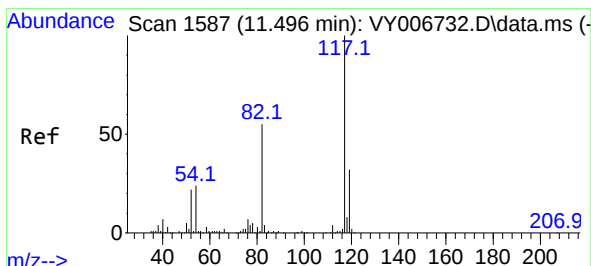
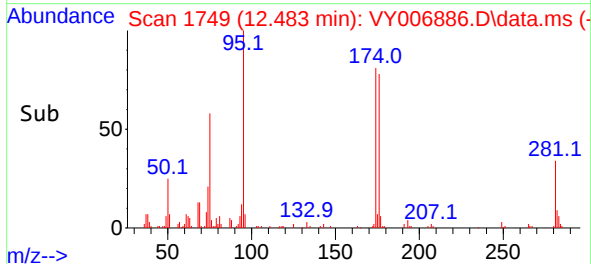
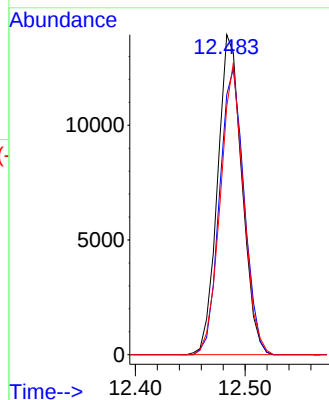
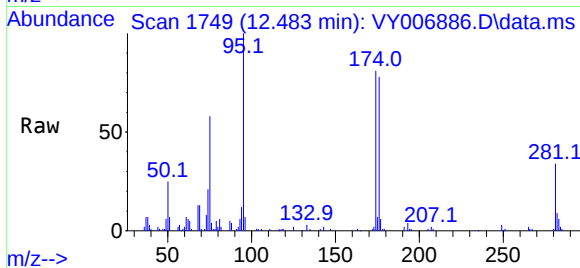
Tgt Ion: 95 Resp: 21525

Ion Ratio Lower Upper

95 100

174 90.0 0.0 177.0

176 87.0 0.0 169.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VY006886.D

Acq: 24 Nov 2021 18:49

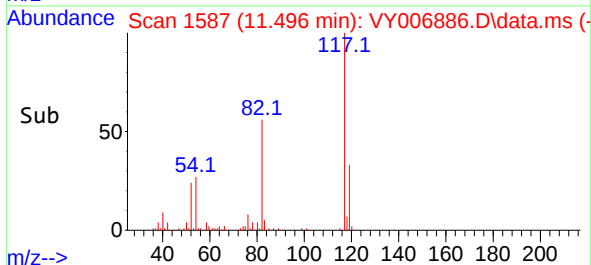
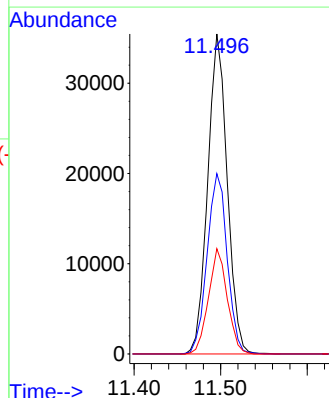
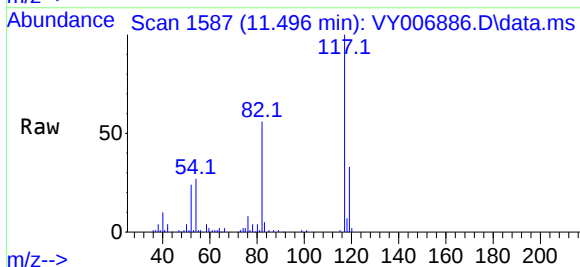
Tgt Ion: 117 Resp: 55442

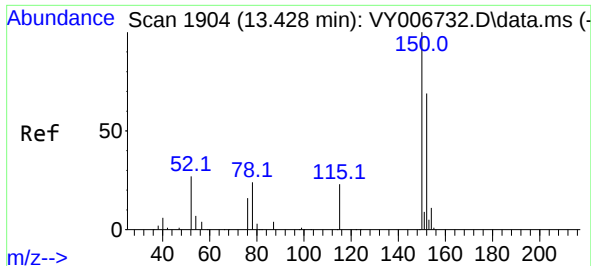
Ion Ratio Lower Upper

117 100

82 56.3 45.7 68.5

119 32.9 25.5 38.3

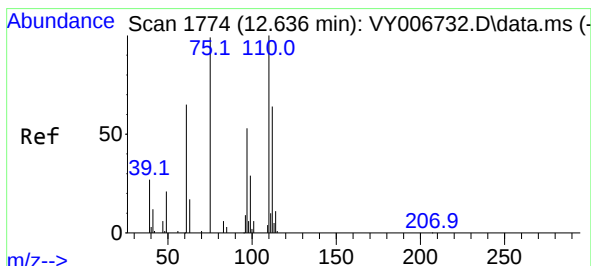
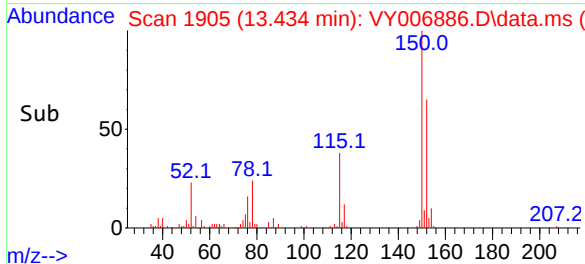
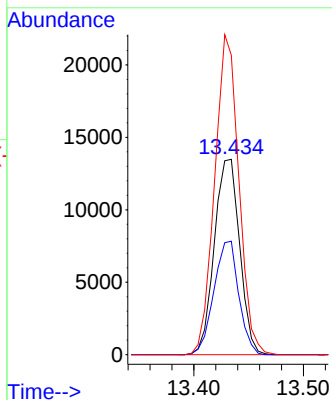
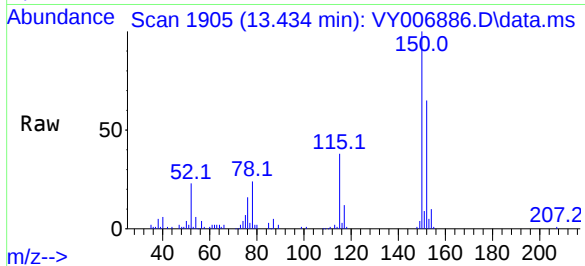




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

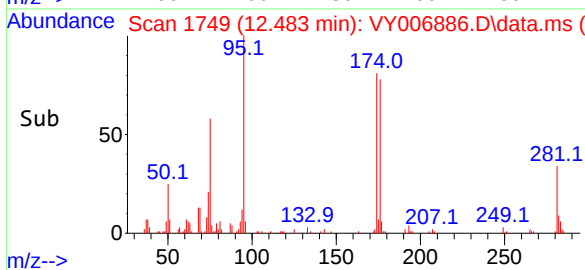
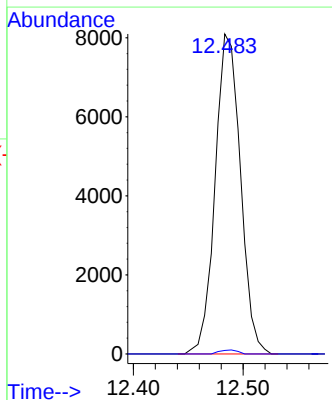
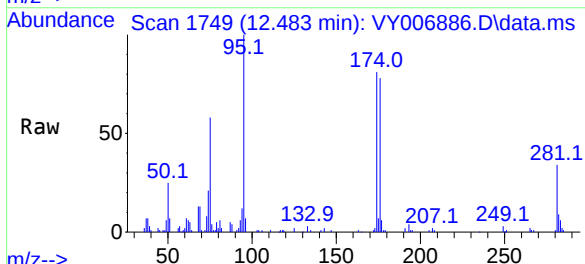
Instrument :
MSVOA_Y
ClientSampleId :
WC-2

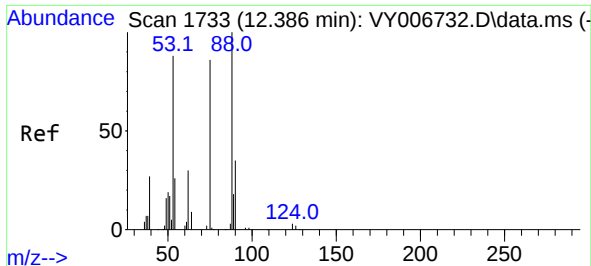
Tgt Ion:152 Resp: 21652
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.5
150 156.4 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 55.148 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

Tgt Ion: 75 Resp: 12982
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.273 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY006886.D
Acq: 24 Nov 2021 18:49

Instrument :
MSVOA_Y
ClientSampleId :
WC-2

Tgt Ion: 75 Resp: 12982
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

