

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019863.D
 Acq On : 11 Oct 2024 10:42
 Operator : SY/MD
 Sample : VY1011SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:42:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

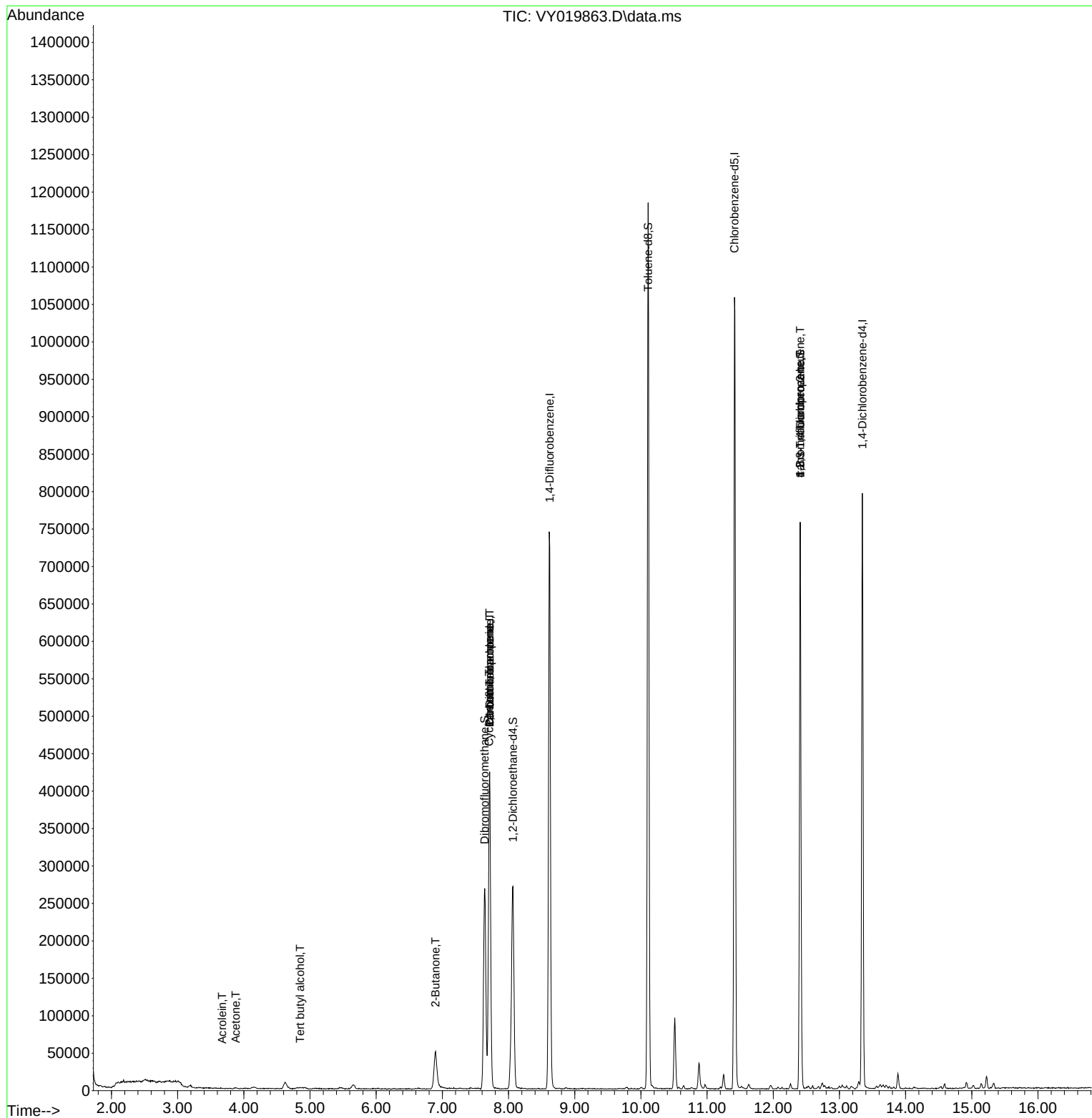
Internal Standards						
1) Pentafluorobenzene	7.713	168	302283	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	606631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	532786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	181683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	193222	51.914	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.820%		
35) Dibromofluoromethane	7.640	113	193627	48.369	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 96.740%		
50) Toluene-d8	10.109	98	731558	49.487	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 98.980%		
62) 4-Bromofluorobenzene	12.408	95	218689	40.942	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 81.880%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.848	59	1136	3.258	ug/l	# 88
13) Acrolein	3.671	56	293	1.071	ug/l	# 76
16) Acetone	3.879	43	2254	2.326	ug/l	91
25) 2-Butanone	6.896	43	3482	2.685	ug/l	# 56
31) Cyclohexane	7.707	56	8430	1.356	ug/l	# 37
36) 1,1-Dichloropropene	7.713	75	28395	4.924	ug/l	# 49
38) Carbon Tetrachloride	7.713	117	35923	5.810	ug/l	# 17
76) 1,2,3-Trichloropropane	12.408	75	125128	35.157	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	125128	141.906	ug/l	# 16

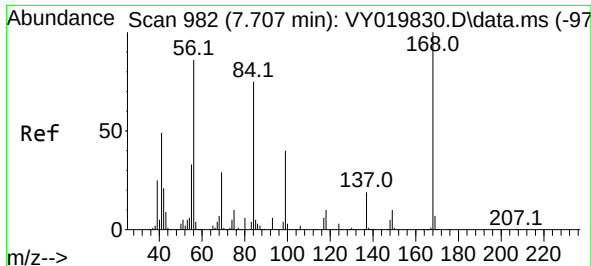
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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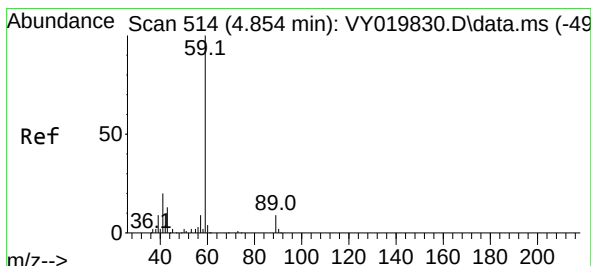
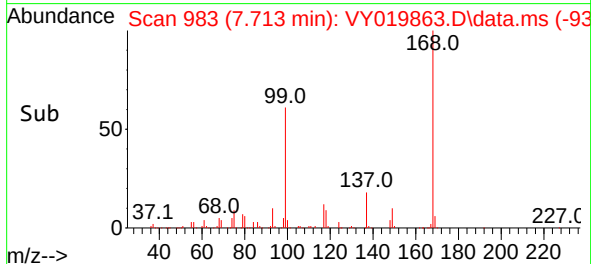
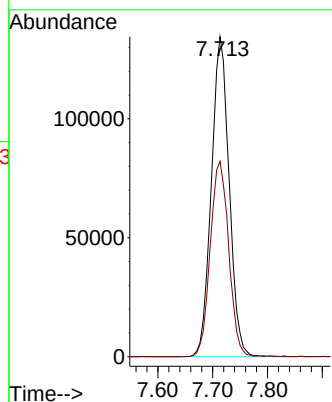
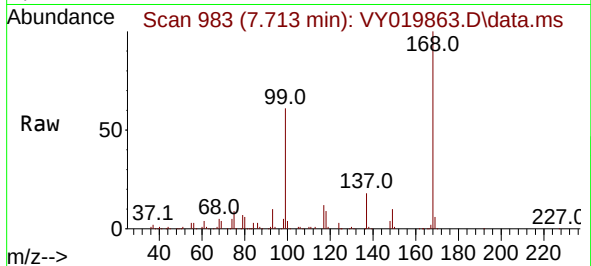




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

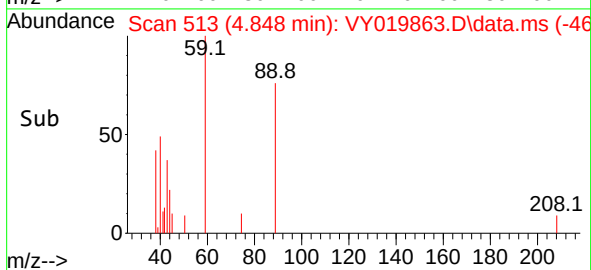
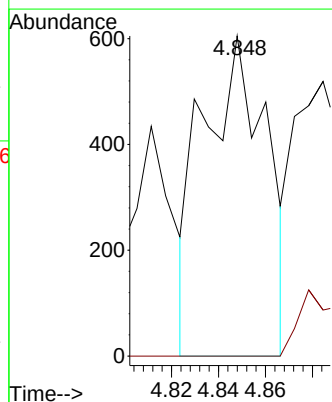
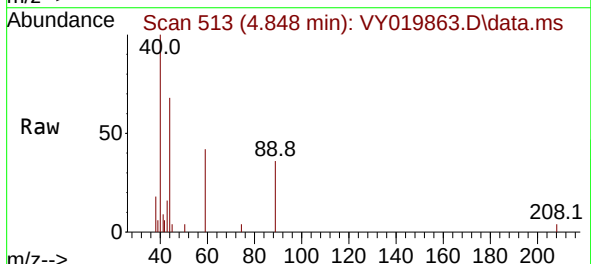
Instrument :
MSVOA_Y
ClientSampleId :

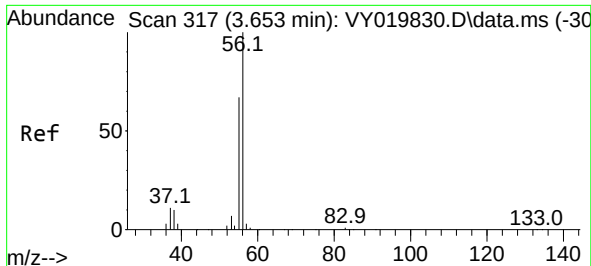
Tgt Ion:168 Resp: 302283
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: 3.258 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

Tgt Ion: 59 Resp: 1136
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: 1.071 ug/l

RT: 3.671 min Scan# 317

Delta R.T. 0.018 min

Lab File: VY019863.D

Acq: 11 Oct 2024 10:42

Instrument :

MSVOA_Y

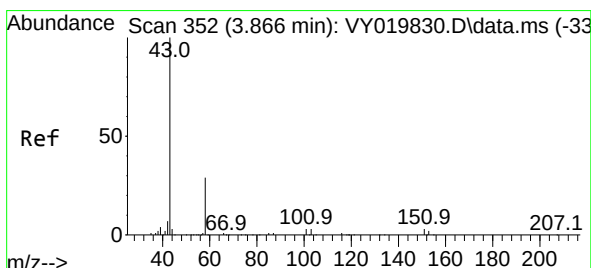
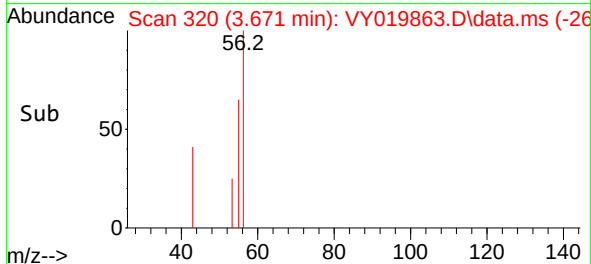
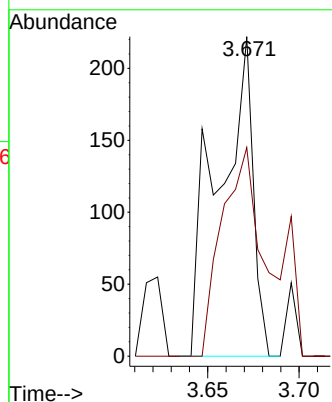
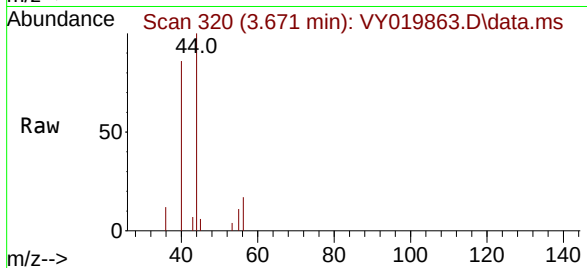
ClientSampleId :

Tgt Ion: 56 Resp: 293

Ion Ratio Lower Upper

56 100

55 89.4 55.7 83.5#



#16

Acetone

Concen: 2.326 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY019863.D

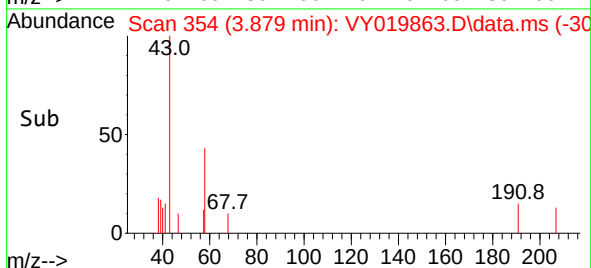
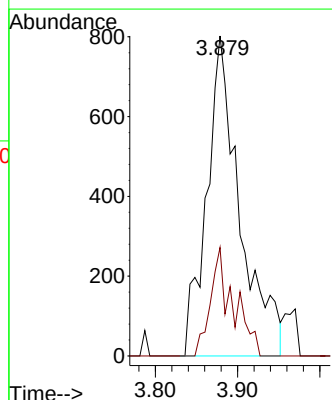
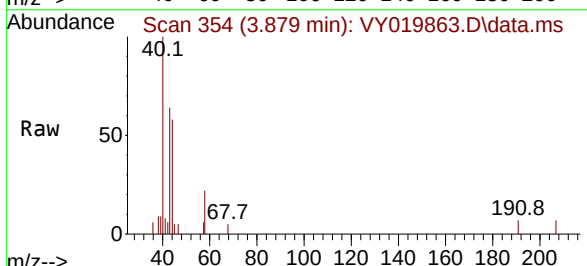
Acq: 11 Oct 2024 10:42

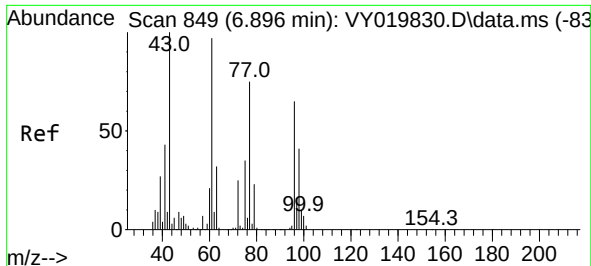
Tgt Ion: 43 Resp: 2254

Ion Ratio Lower Upper

43 100

58 33.9 31.7 47.5

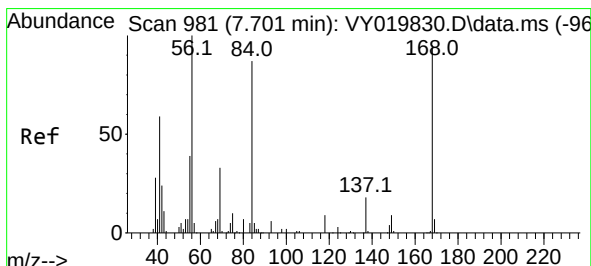
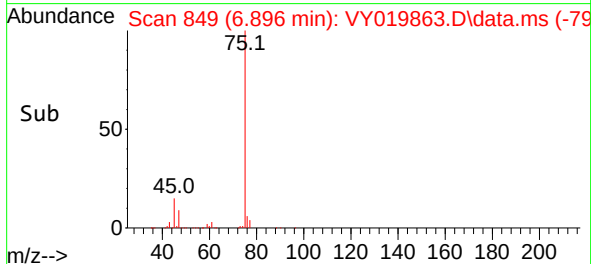
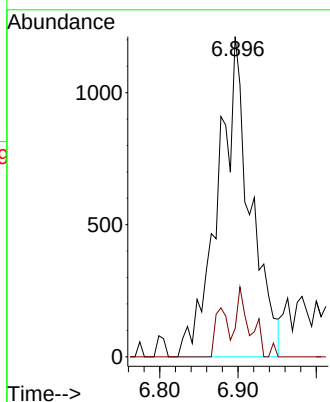
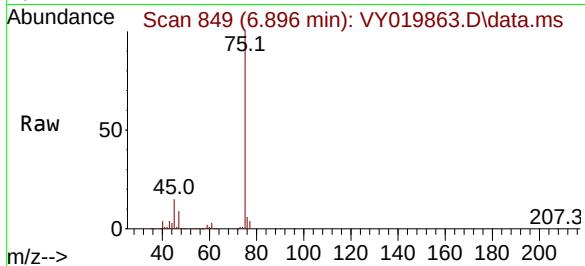




#25
2-Butanone
Concen: 2.685 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

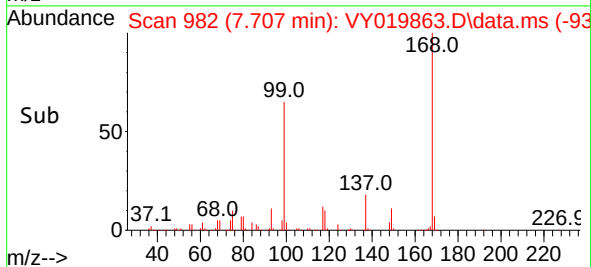
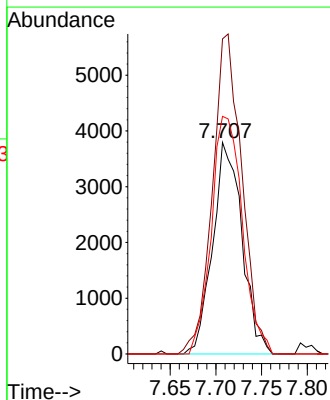
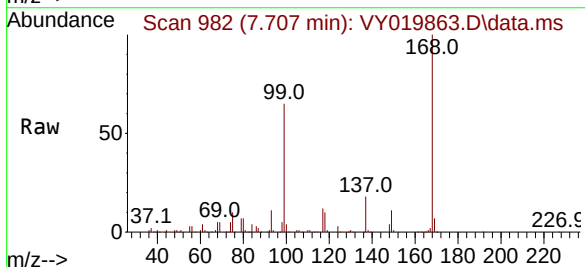
Instrument :
MSVOA_Y
ClientSampleId :

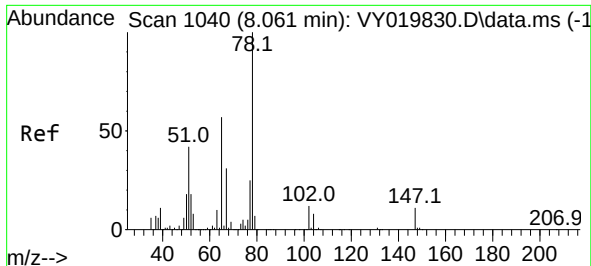
Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
72 8.8 27.3 40.9#



#31
Cyclohexane
Concen: 1.356 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

Tgt Ion: 56 Resp: 8430
Ion Ratio Lower Upper
56 100
69 148.9 28.7 43.1#
84 112.3 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 51.914 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019863.D

Acq: 11 Oct 2024 10:42

Instrument :

MSVOA_Y

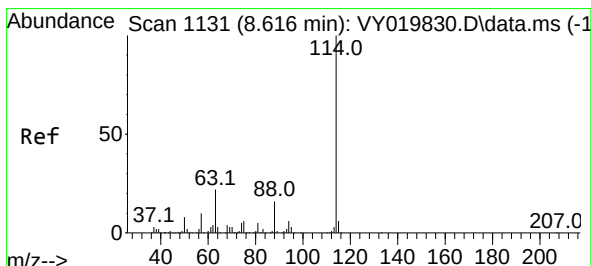
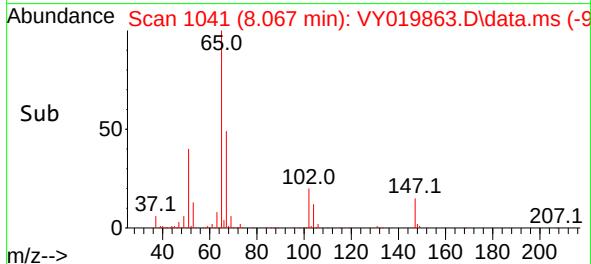
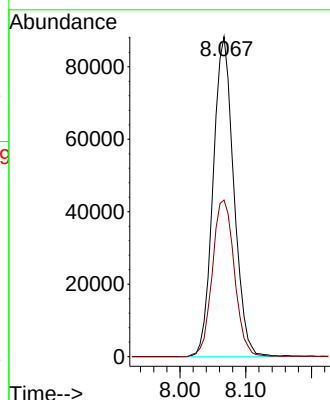
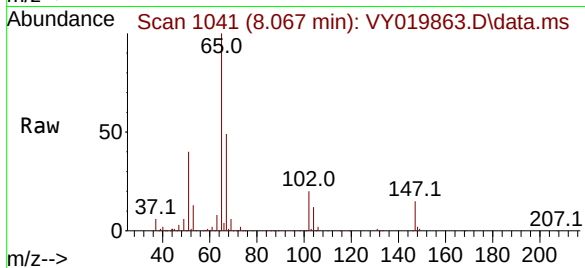
ClientSampleId :

Tgt Ion: 65 Resp: 193222

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY019863.D

Acq: 11 Oct 2024 10:42

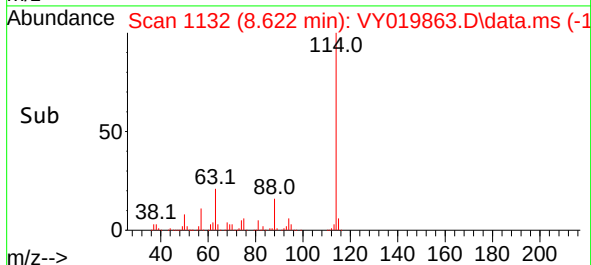
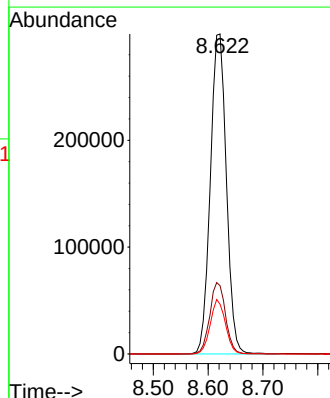
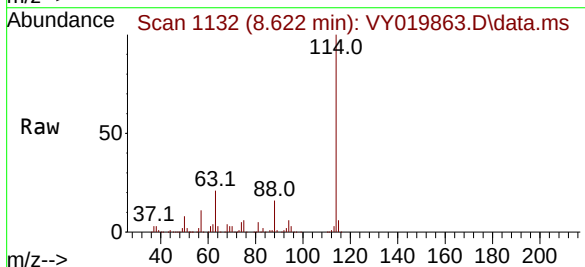
Tgt Ion: 114 Resp: 606631

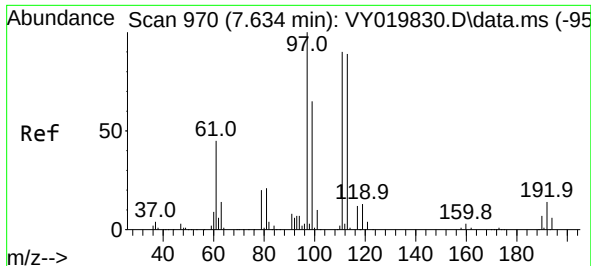
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

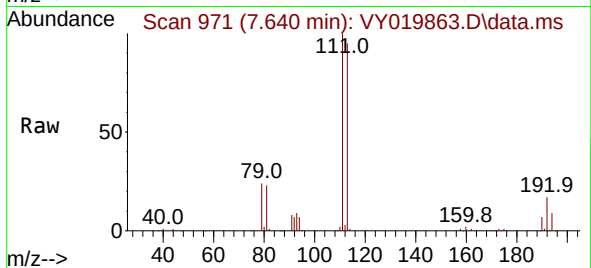
88 15.6 0.0 27.2



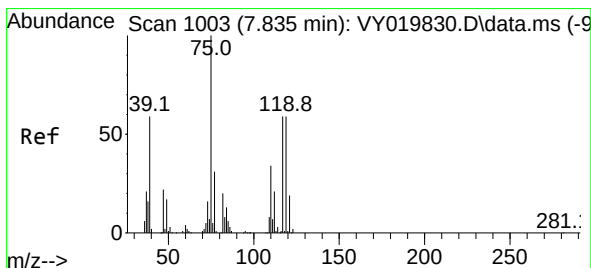
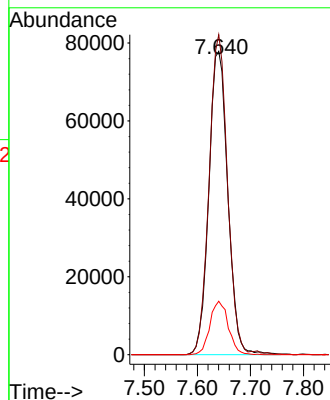
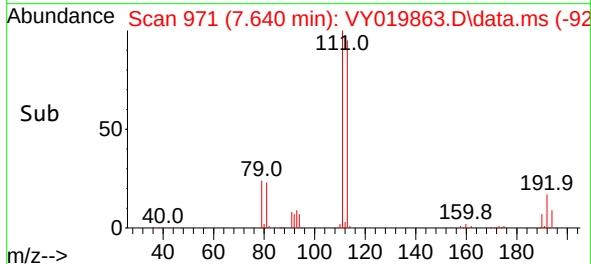


#35
Dibromofluoromethane
Concen: 48.369 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42

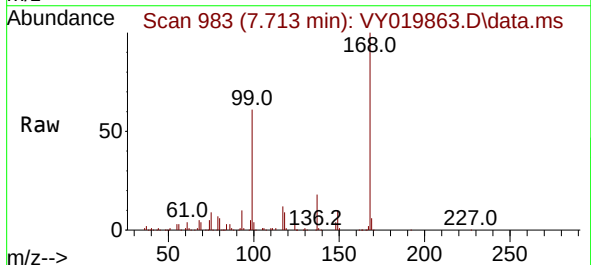
Instrument :
MSVOA_Y
ClientSampleId :



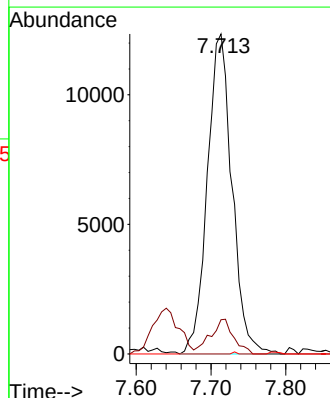
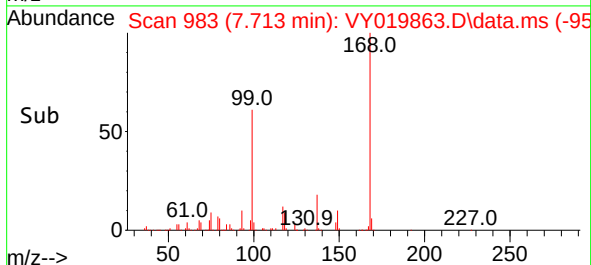
Tgt Ion:113 Resp: 193627
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.1 15.9 23.9

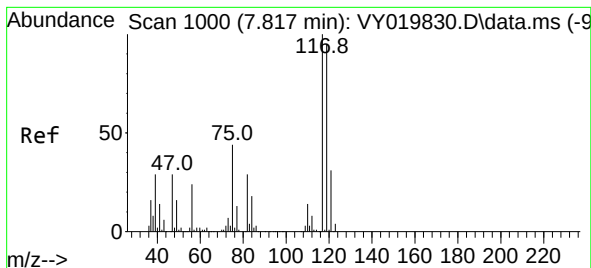


#36
1,1-Dichloropropene
Concen: 4.924 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019863.D
Acq: 11 Oct 2024 10:42



Tgt Ion: 75 Resp: 28395
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.1 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.810 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.103 min

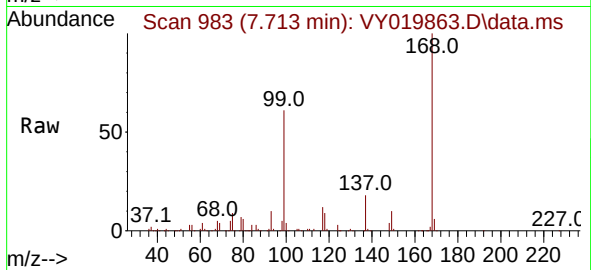
Lab File: VY019863.D

Acq: 11 Oct 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :



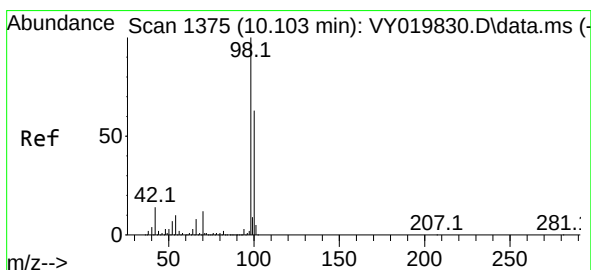
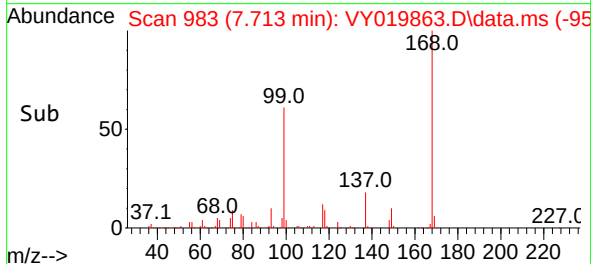
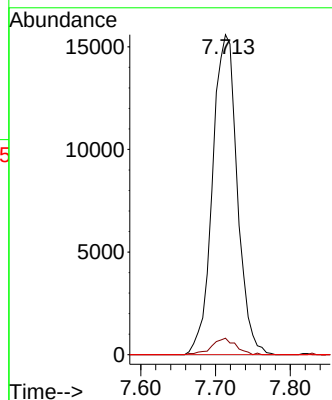
Tgt Ion:117 Resp: 35923

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 49.487 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019863.D

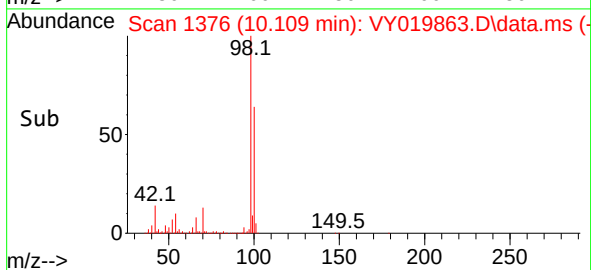
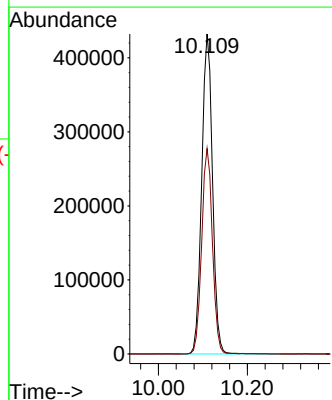
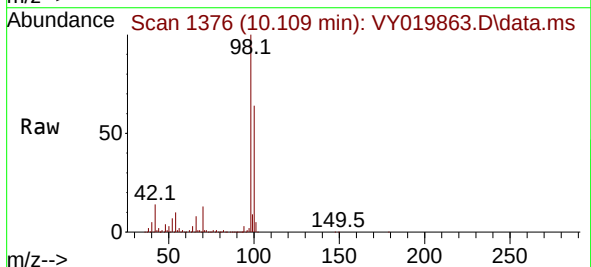
Acq: 11 Oct 2024 10:42

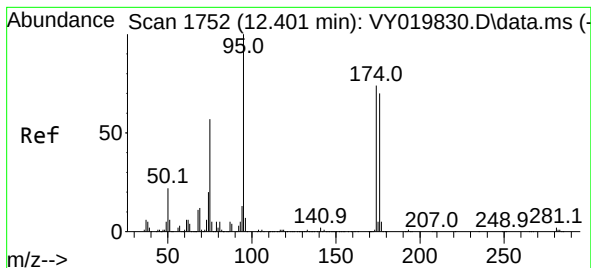
Tgt Ion: 98 Resp: 731558

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 40.942 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019863.D

Acq: 11 Oct 2024 10:42

Instrument :

MSVOA_Y

ClientSampleId :

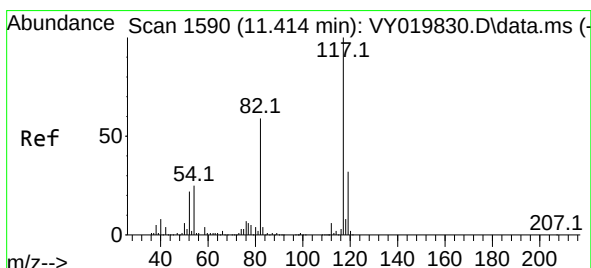
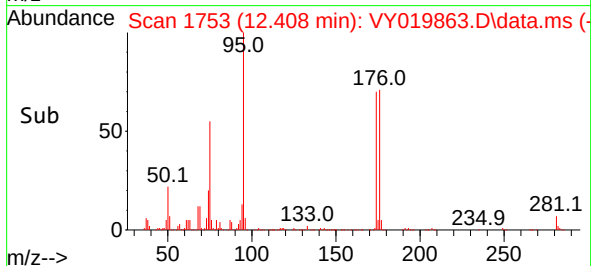
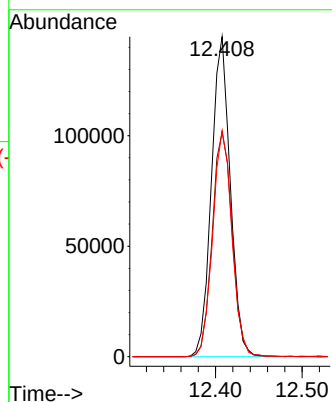
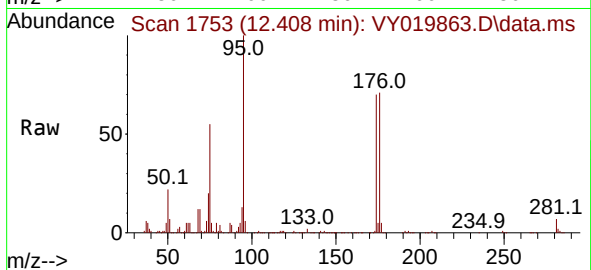
Tgt Ion: 95 Resp: 218689

Ion Ratio Lower Upper

95 100

174 73.9 0.0 175.6

176 72.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019863.D

Acq: 11 Oct 2024 10:42

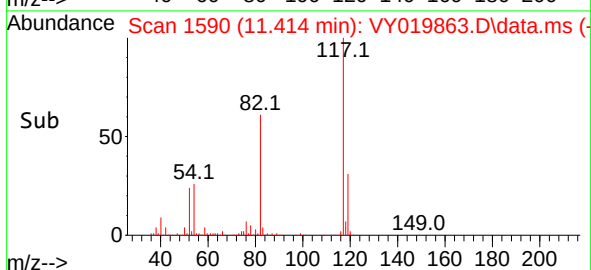
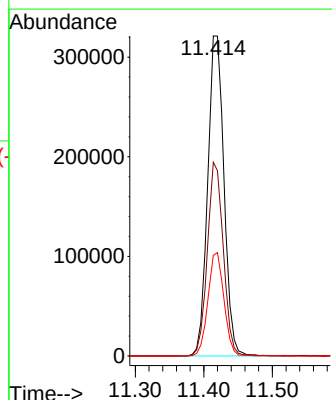
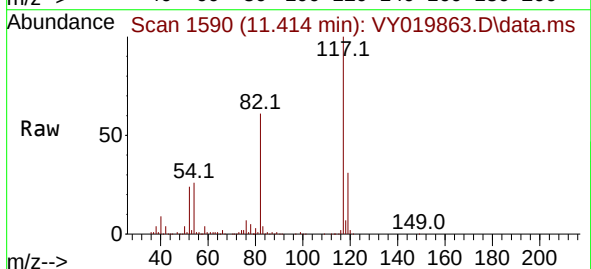
Tgt Ion: 117 Resp: 532786

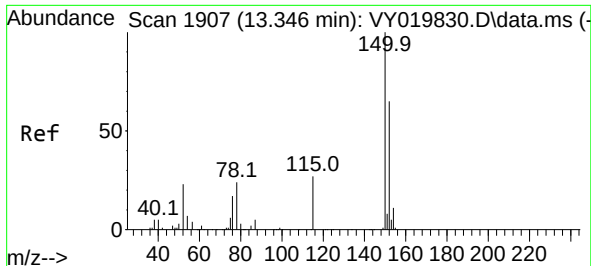
Ion Ratio Lower Upper

117 100

82 60.5 42.4 63.6

119 31.4 25.9 38.9

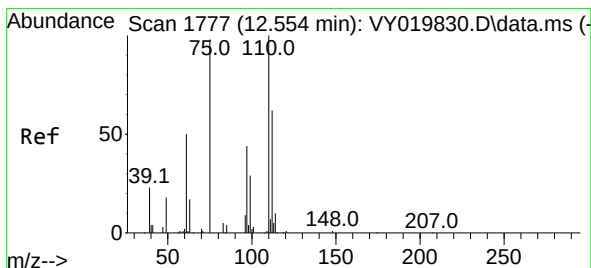
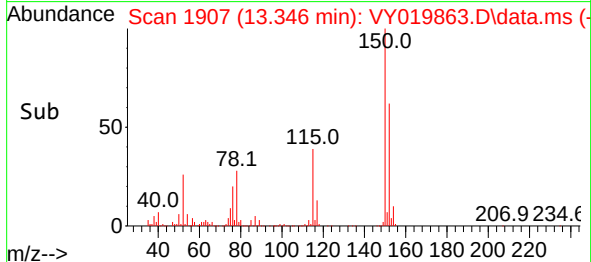
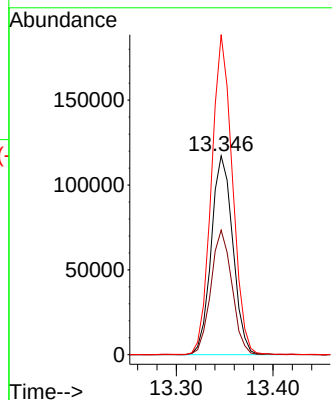
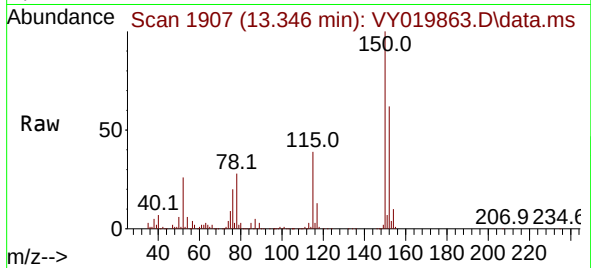




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019863.D
 Acq: 11 Oct 2024 10:42

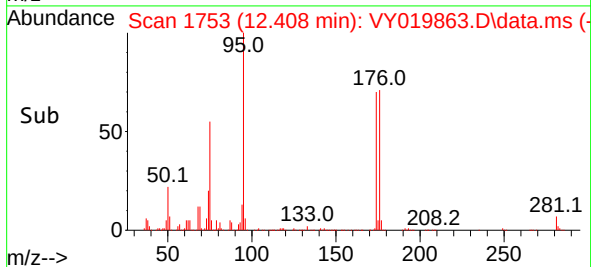
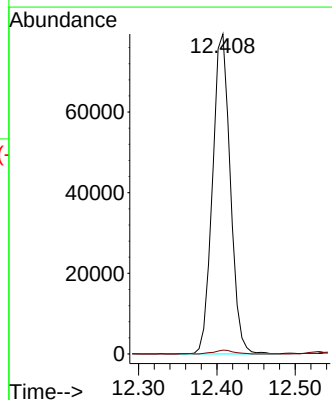
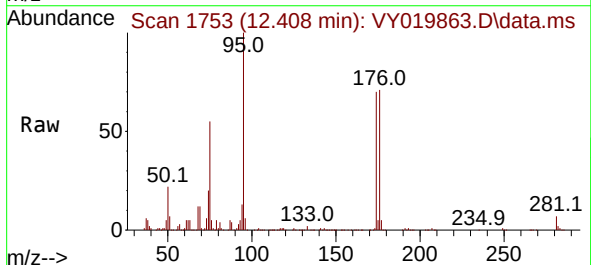
Instrument :
 MSVOA_Y
 ClientSampleId :

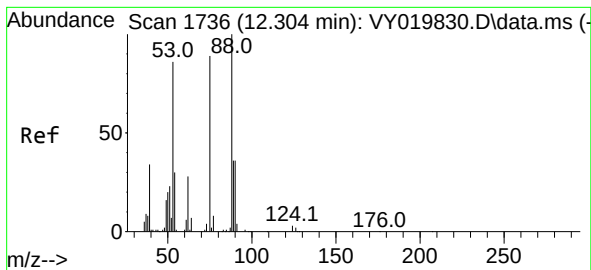
Tgt Ion:152 Resp: 181683
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.2 84.7
 150 156.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 35.157 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY019863.D
 Acq: 11 Oct 2024 10:42

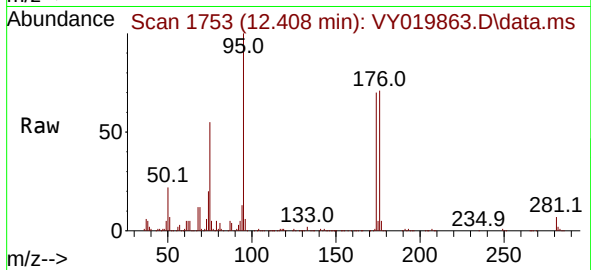
Tgt Ion: 75 Resp: 125128
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.906 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019863.D
 Acq: 11 Oct 2024 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 125128
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.4 35.8 53.6#

