

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020058.D
 Acq On : 29 Oct 2024 14:02
 Operator : SY/MD
 Sample : P4598-07
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:24:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

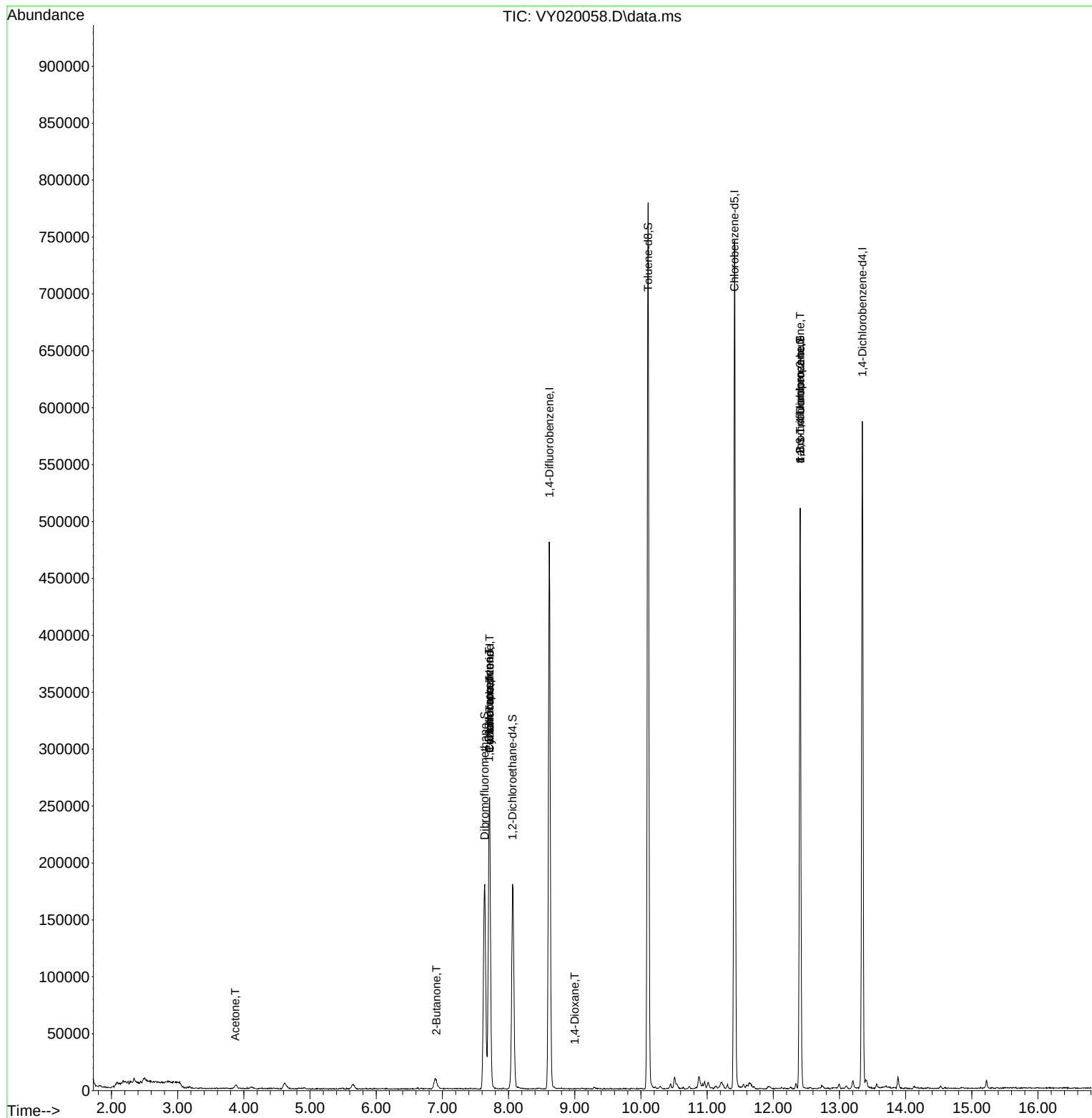
Internal Standards						
1) Pentafluorobenzene	7.713	168	178689	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	375847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	354665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	130104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135953	61.792	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 123.580%		
35) Dibromofluoromethane	7.640	113	127227	51.298	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.600%		
50) Toluene-d8	10.109	98	469805	51.295	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 102.580%		
62) 4-Bromofluorobenzene	12.407	95	149081	45.048	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 90.100%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	292	Below Cal	#	81
16) Acetone	3.872	43	5755	10.048	ug/l #	70
25) 2-Butanone	6.908	43	1414	1.844	ug/l #	70
31) Cyclohexane	7.713	56	5866	1.596	ug/l #	50
36) 1,1-Dichloropropene	7.707	75	17309	4.844	ug/l #	48
38) Carbon Tetrachloride	7.713	117	19827	5.176	ug/l #	16
49) 1,4-Dioxane	8.999	88	22	1.329	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	84674	33.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	84674	134.097	ug/l #	16

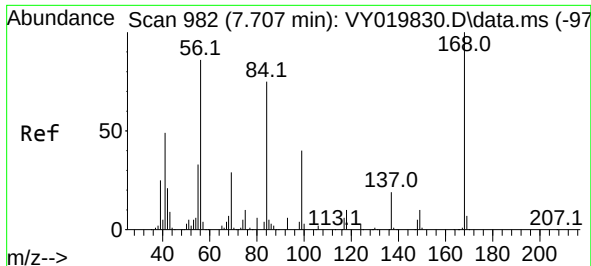
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 01:24:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration

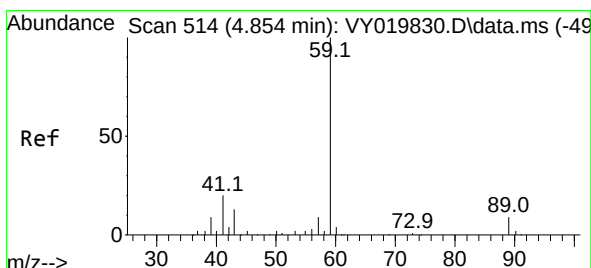
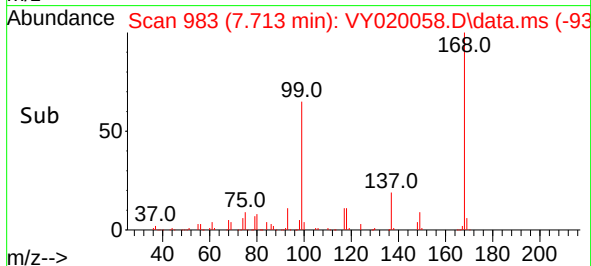
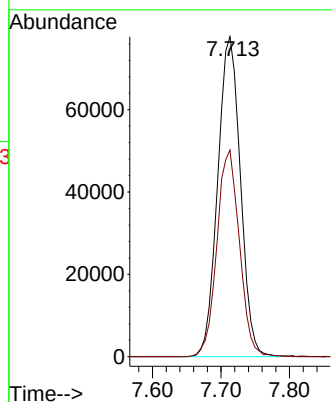
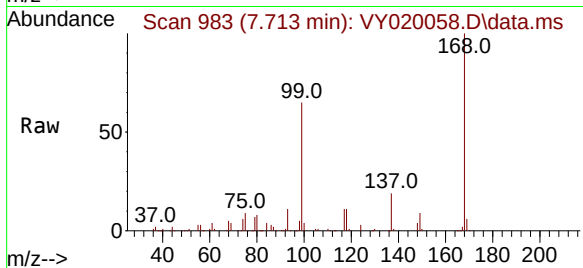




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

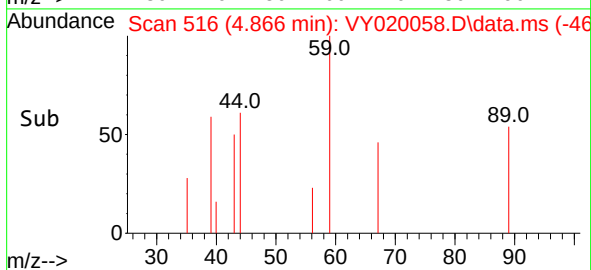
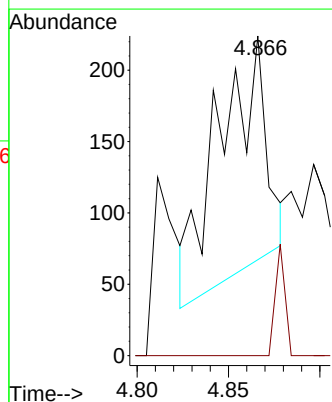
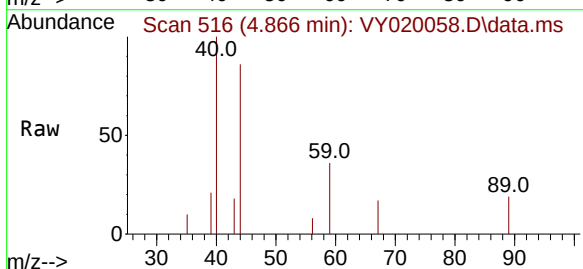
Instrument :
MSVOA_Y
ClientSampleId :

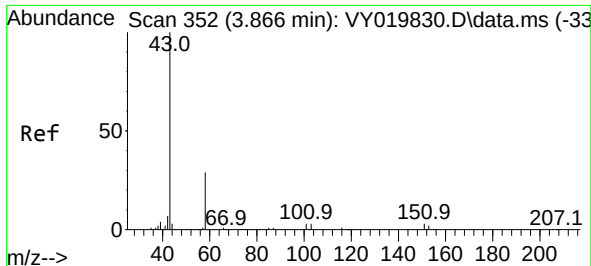
Tgt Ion:168 Resp: 178689
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

Tgt Ion: 59 Resp: 292
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#

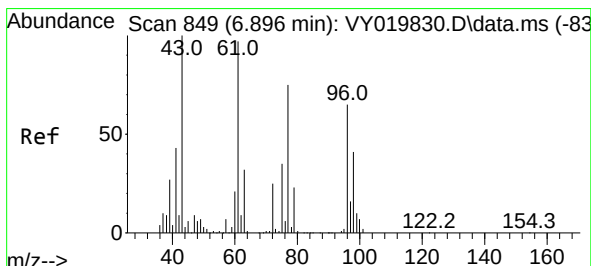
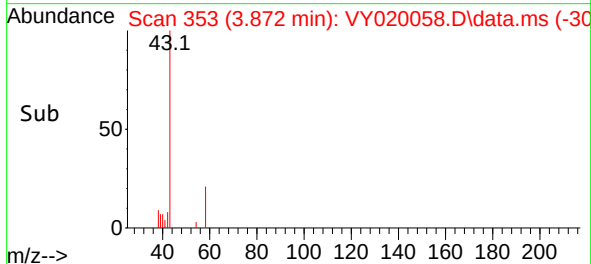
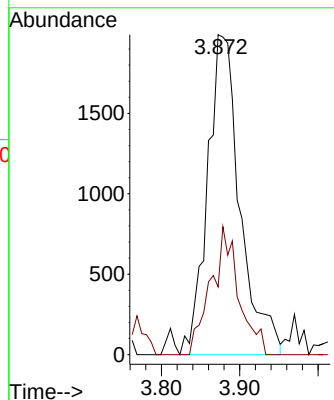
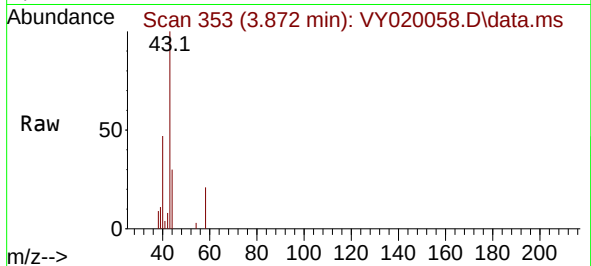




#16
Acetone
Concen: 10.048 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

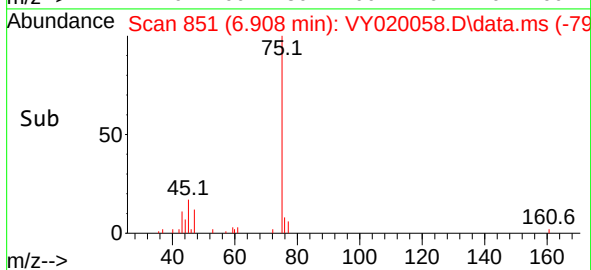
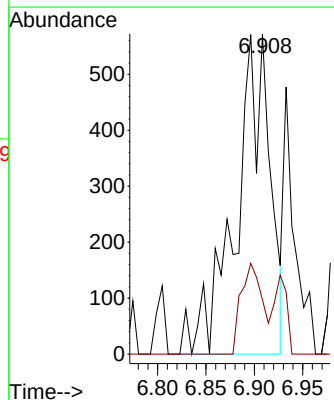
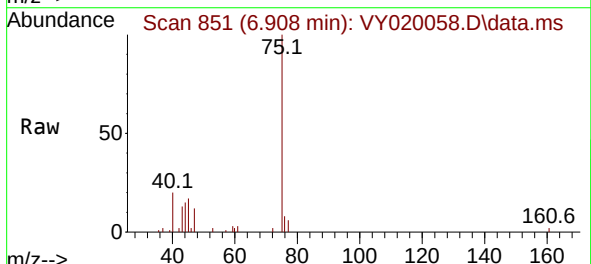
Instrument :
MSVOA_Y
ClientSampleId :

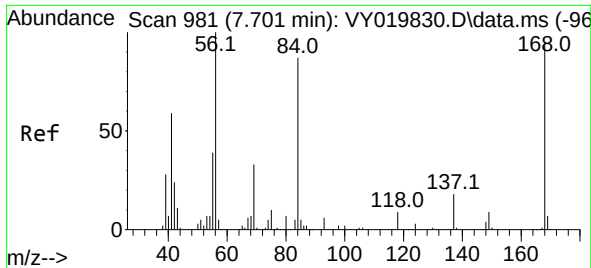
Tgt Ion: 43 Resp: 5755
Ion Ratio Lower Upper
43 100
58 21.2 31.7 47.5#



#25
2-Butanone
Concen: 1.844 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
72 17.0 27.3 40.9#

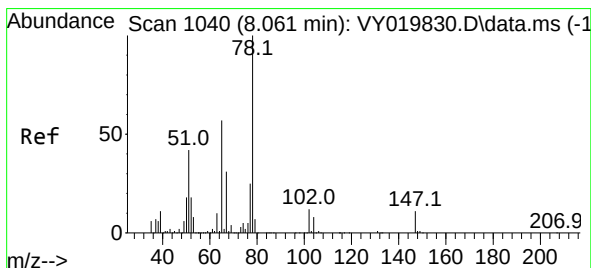
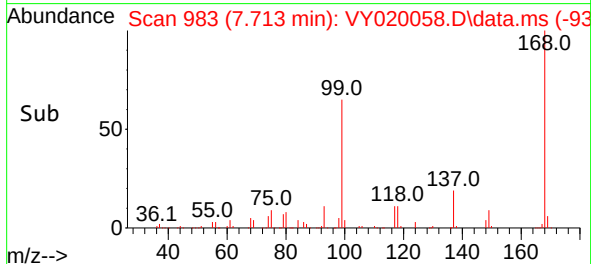
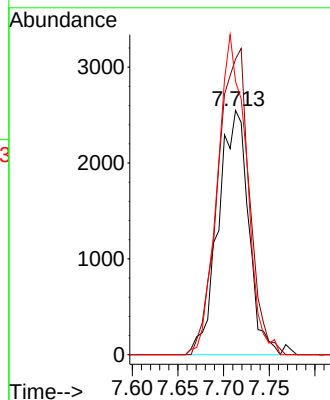
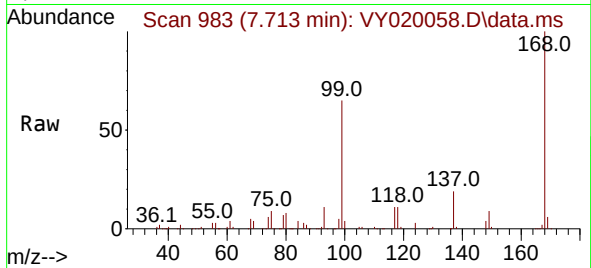




#31
Cyclohexane
Concen: 1.596 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

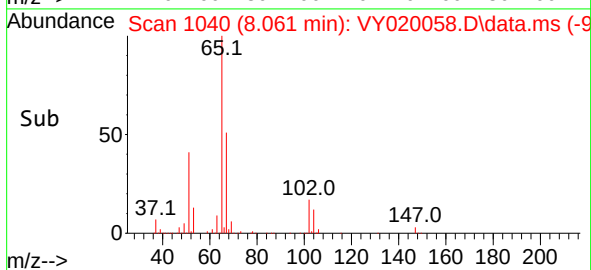
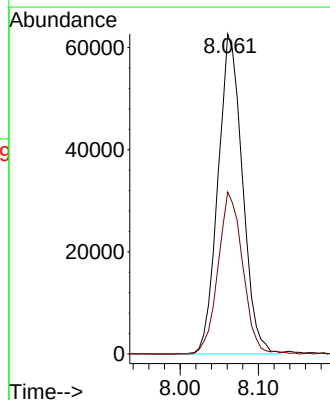
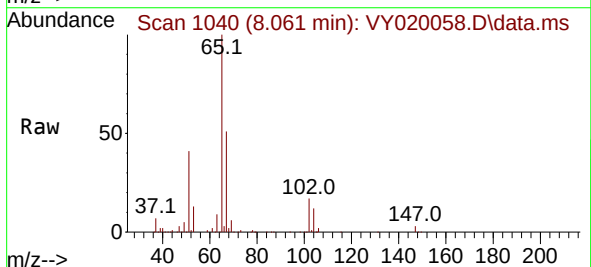
Instrument :
MSVOA_Y
ClientSampleId :

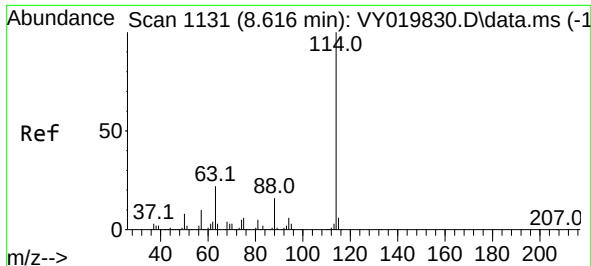
Tgt Ion: 56 Resp: 5866
Ion Ratio Lower Upper
56 100
69 121.0 28.7 43.1#
84 111.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 61.792 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

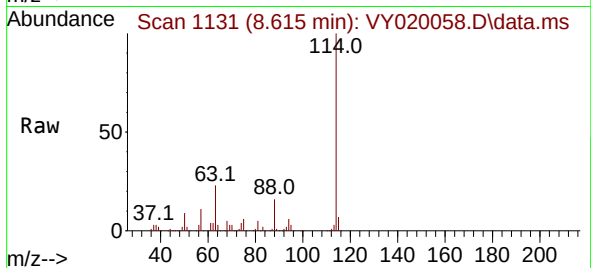
Tgt Ion: 65 Resp: 135953
Ion Ratio Lower Upper
65 100
67 51.1 0.0 109.6



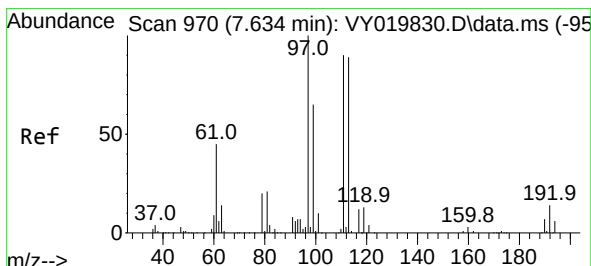
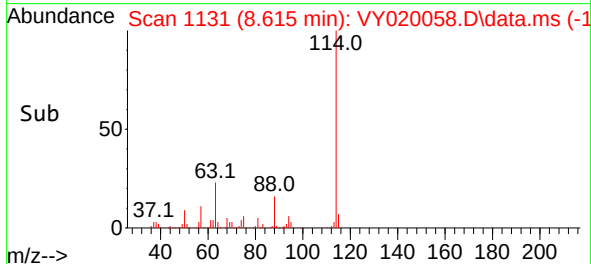
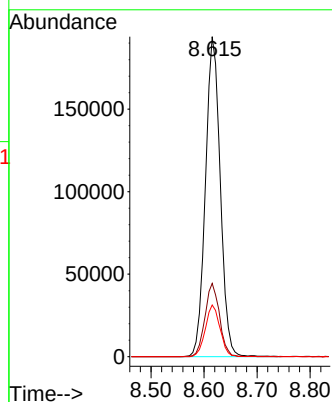


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

Instrument :
MSVOA_Y
ClientSampleId :

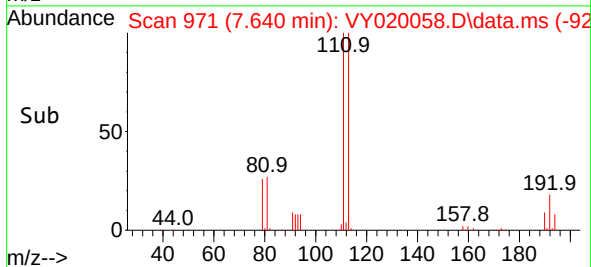
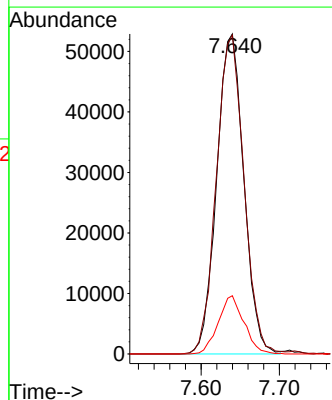
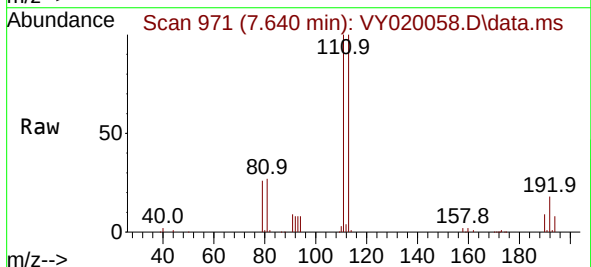


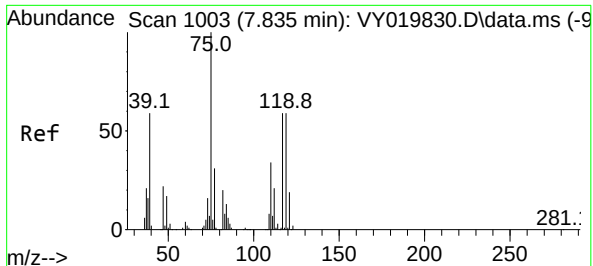
Tgt Ion:114 Resp: 375847
Ion Ratio Lower Upper
114 100
63 22.9 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.298 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

Tgt Ion:113 Resp: 127227
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 17.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

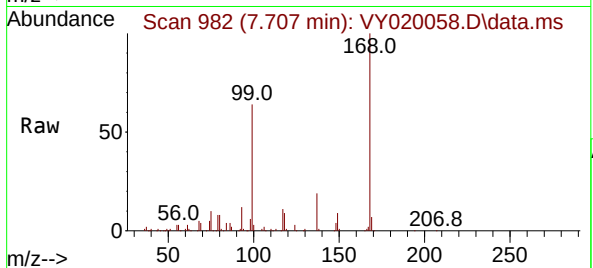
Lab File: VY020058.D

Acq: 29 Oct 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :



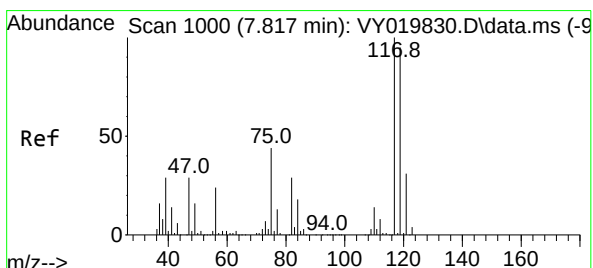
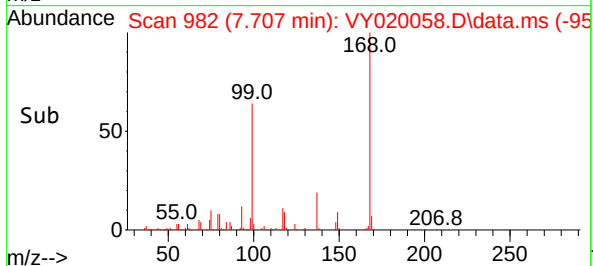
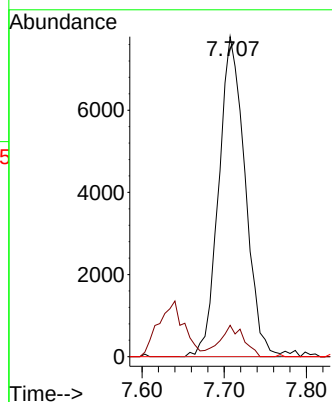
Tgt Ion: 75 Resp: 17309

Ion Ratio Lower Upper

75 100

110 8.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.176 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.104 min

Lab File: VY020058.D

Acq: 29 Oct 2024 14:02

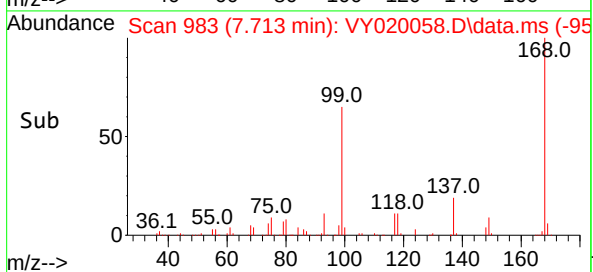
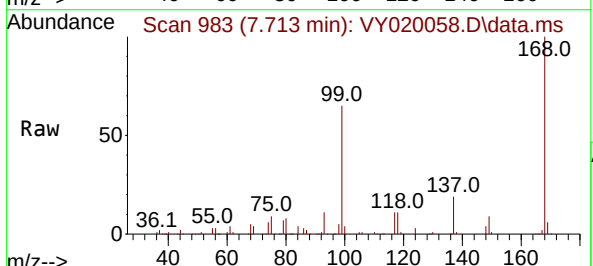
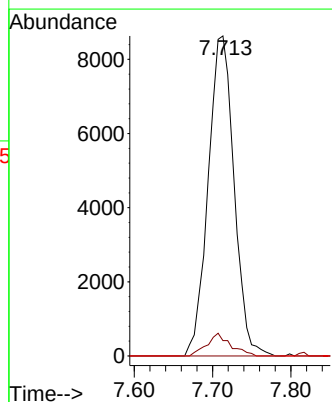
Tgt Ion: 117 Resp: 19827

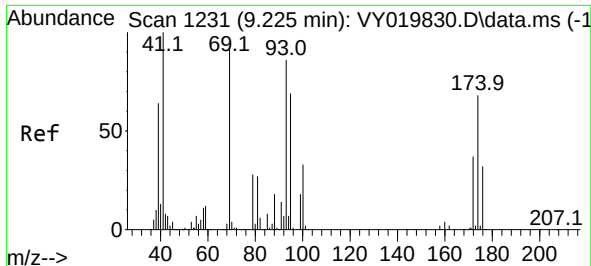
Ion Ratio Lower Upper

117 100

119 4.8 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.329 ug/l

RT: 8.999 min Scan# 1194

Delta R.T. -0.232 min

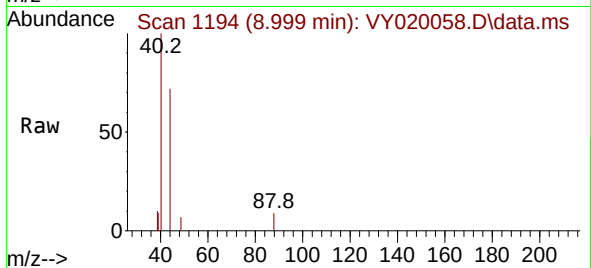
Lab File: VY020058.D

Acq: 29 Oct 2024 14:02

Instrument :

MSVOA_Y

ClientSampleId :



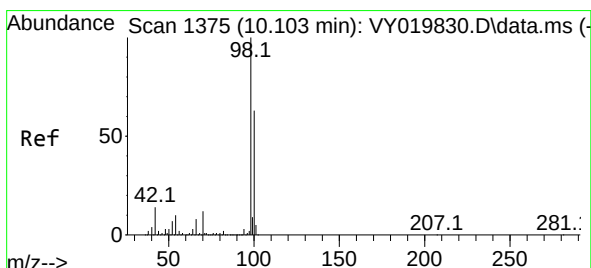
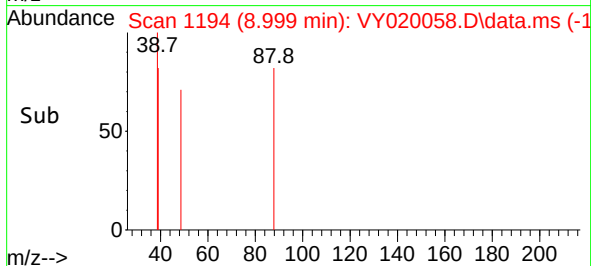
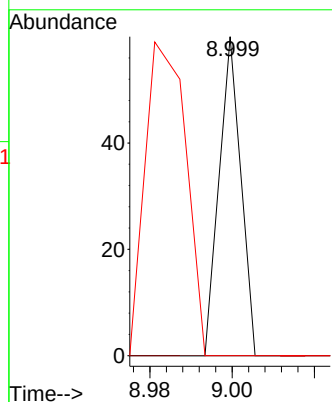
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 186.4 49.3 73.9#



#50

Toluene-d8

Concen: 51.295 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020058.D

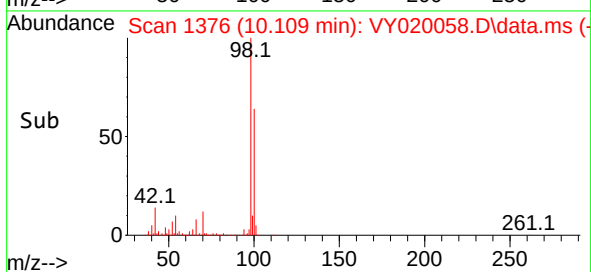
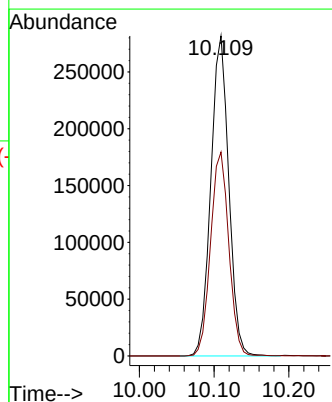
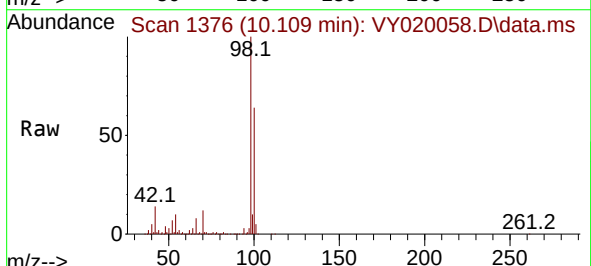
Acq: 29 Oct 2024 14:02

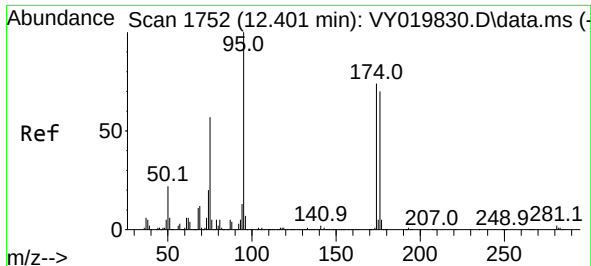
Tgt Ion: 98 Resp: 469805

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

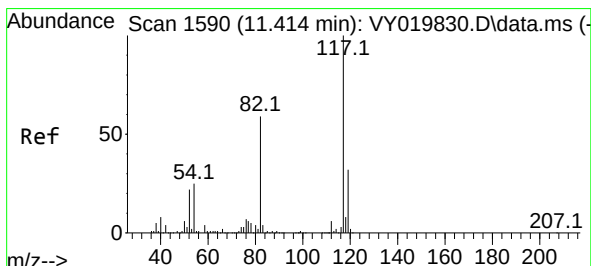
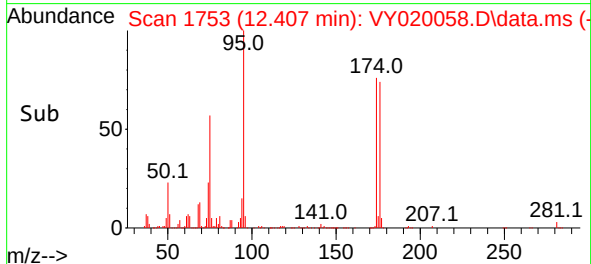
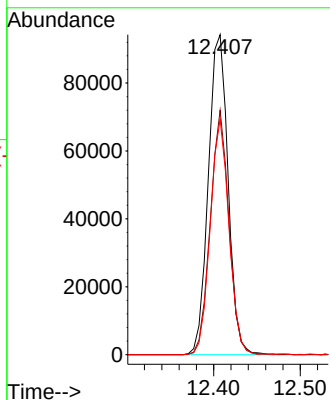
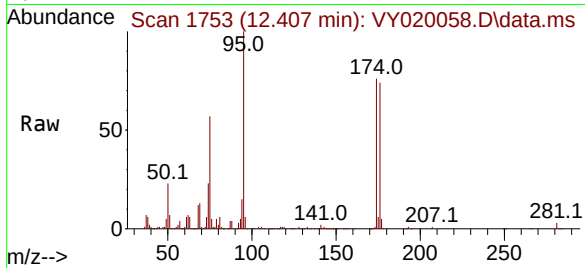




#62
4-Bromofluorobenzene
Concen: 45.048 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

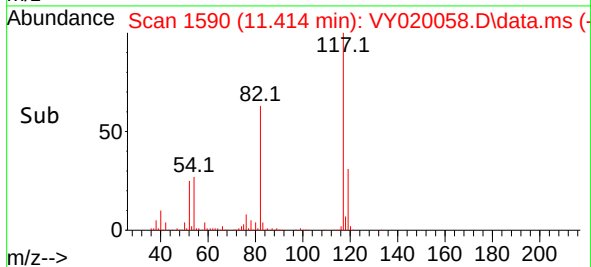
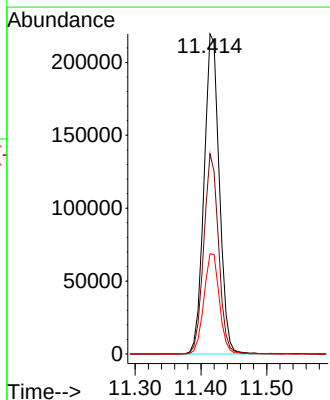
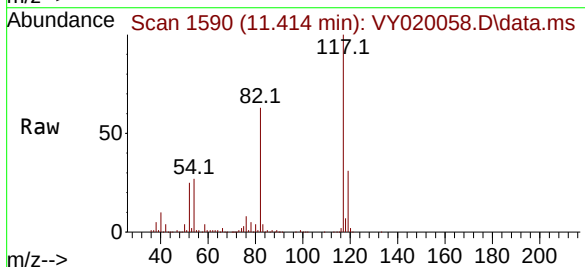
Instrument :
MSVOA_Y
ClientSampleId :

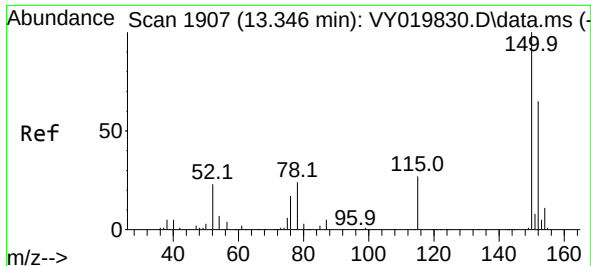
Tgt Ion: 95 Resp: 149081
Ion Ratio Lower Upper
95 100
174 72.3 0.0 175.6
176 69.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020058.D
Acq: 29 Oct 2024 14:02

Tgt Ion: 117 Resp: 354665
Ion Ratio Lower Upper
117 100
82 62.6 42.4 63.6
119 31.3 25.9 38.9

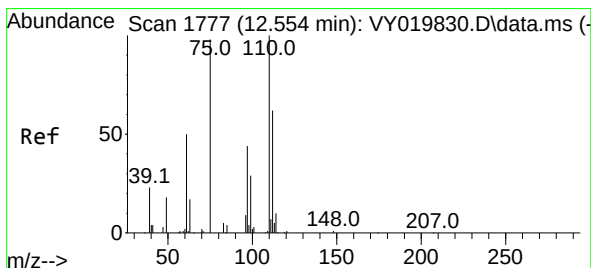
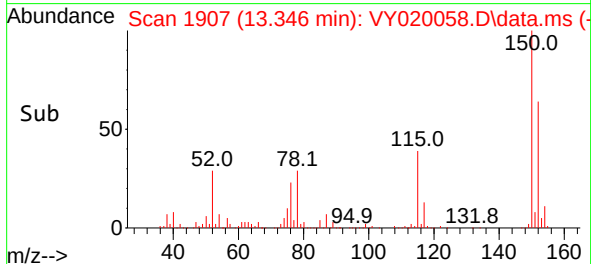
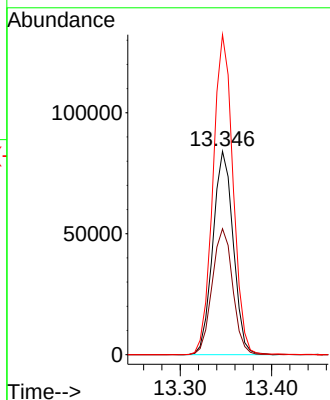
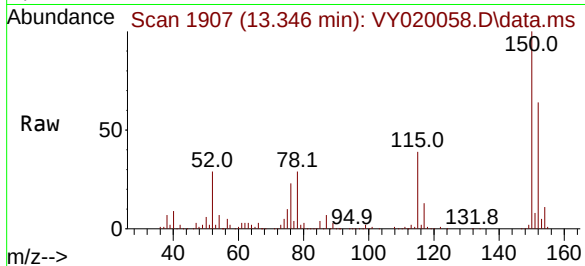




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020058.D
 Acq: 29 Oct 2024 14:02

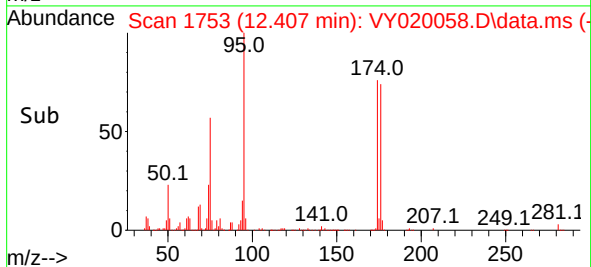
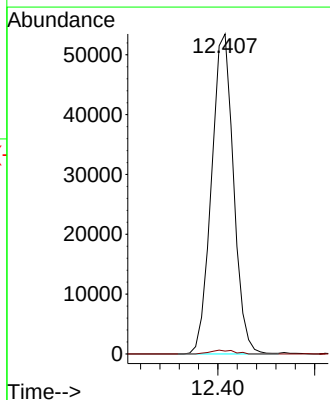
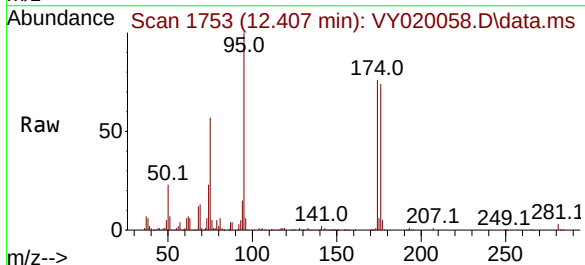
Instrument :
 MSVOA_Y
 ClientSampleId :

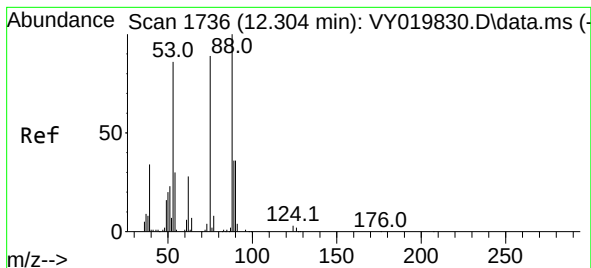
Tgt Ion:152 Resp: 130104
 Ion Ratio Lower Upper
 152 100
 115 62.5 28.2 84.7
 150 155.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 33.222 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020058.D
 Acq: 29 Oct 2024 14:02

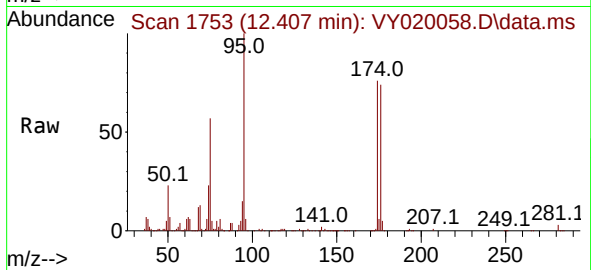
Tgt Ion: 75 Resp: 84674
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.097 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020058.D
 Acq: 29 Oct 2024 14:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

