

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020099.D
 Acq On : 31 Oct 2024 16:59
 Operator : SY/MD
 Sample : P4618-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:49:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

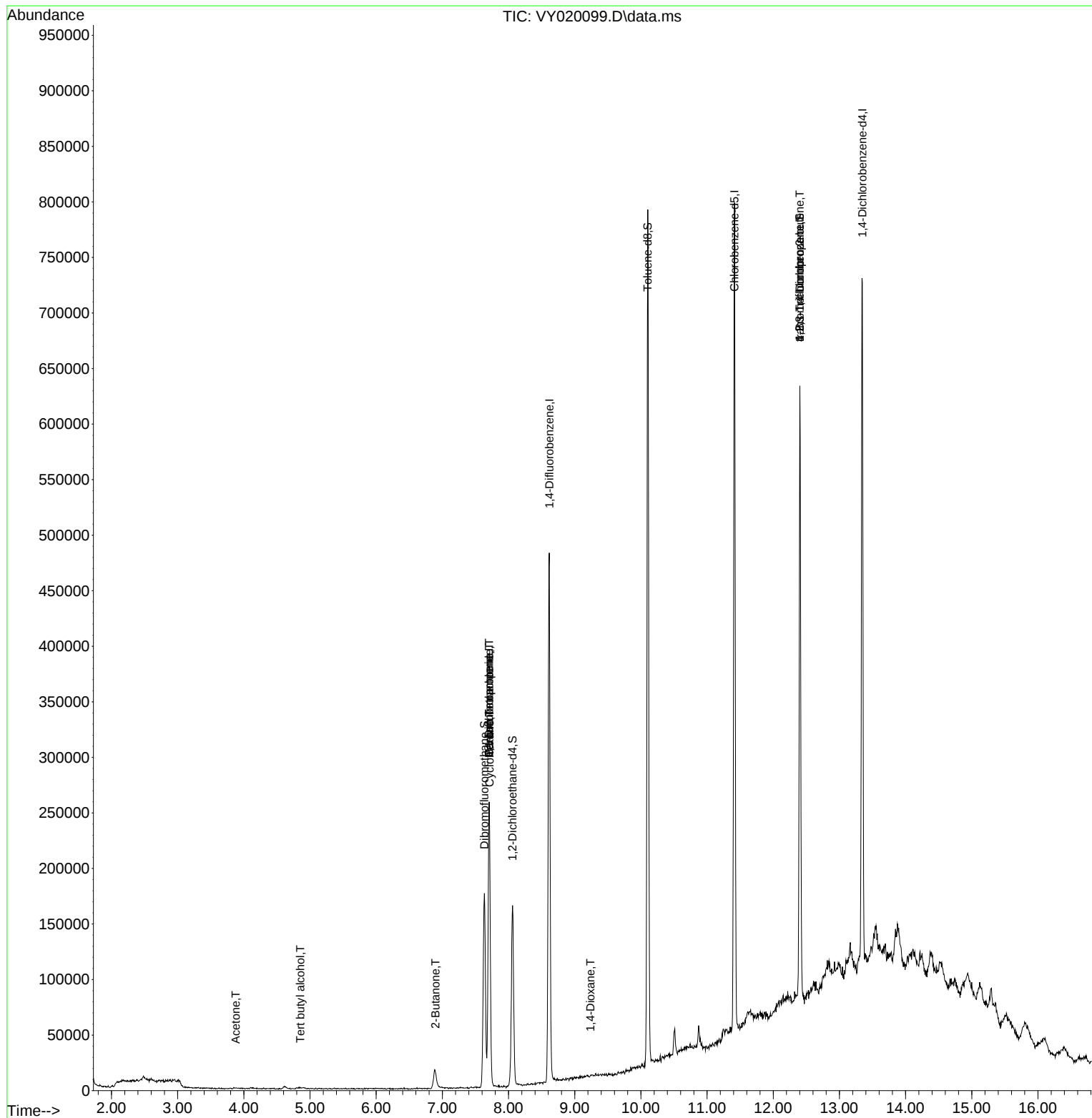
Internal Standards						
1) Pentafluorobenzene	7.707	168	177376	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	376948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	357844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	141247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	122121	55.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.320%	
35) Dibromofluoromethane	7.634	113	121698	50.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.103	98	479853	50.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.402	95	161283	52.050	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	557	3.498	ug/l	# 85
16) Acetone	3.879	43	1182	2.296	ug/l	# 74
25) 2-Butanone	6.896	43	891	1.277	ug/l	# 41
31) Cyclohexane	7.713	56	5956	1.483	ug/l	# 51
36) 1,1-Dichloropropene	7.707	75	18749	5.064	ug/l	# 45
38) Carbon Tetrachloride	7.707	117	19663	5.282	ug/l	# 15
49) 1,4-Dioxane	9.237	88	45	3.120	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	92477	69.844	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	92477	150.233	ug/l	# 16

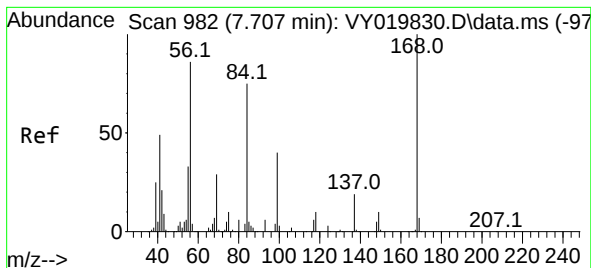
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020099.D

Acq: 31 Oct 2024 16:59

Instrument :

MSVOA_Y

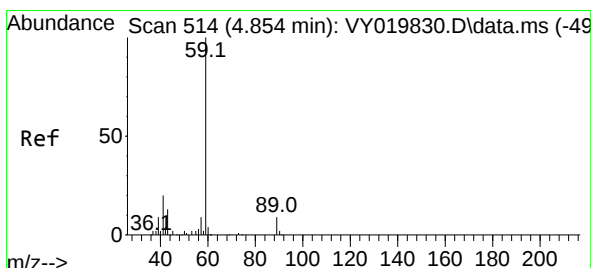
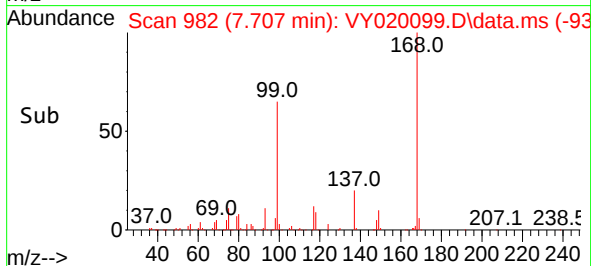
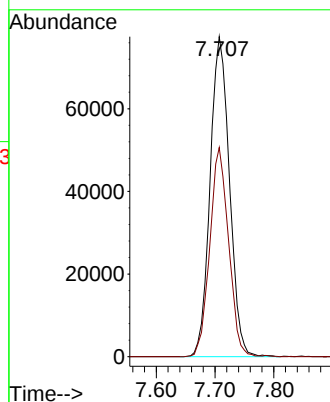
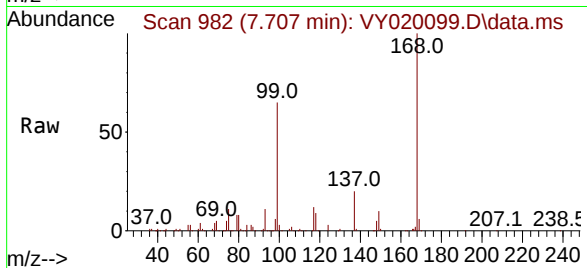
ClientSampleId :

Tgt Ion:168 Resp: 177376

Ion Ratio Lower Upper

168 100

99 65.4 39.1 58.7#



#11

Tert butyl alcohol

Concen: 3.498 ug/l

RT: 4.854 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY020099.D

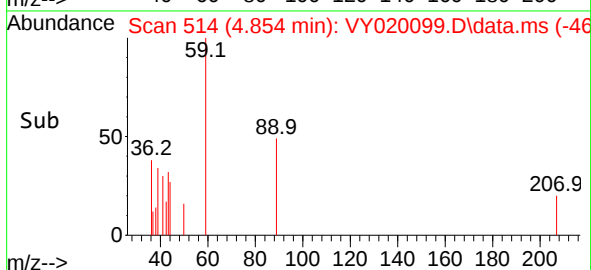
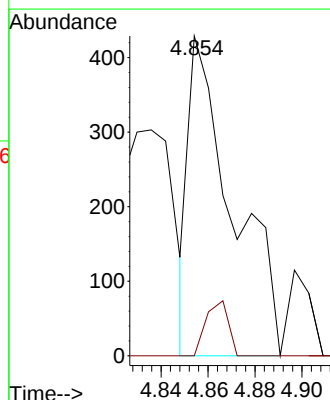
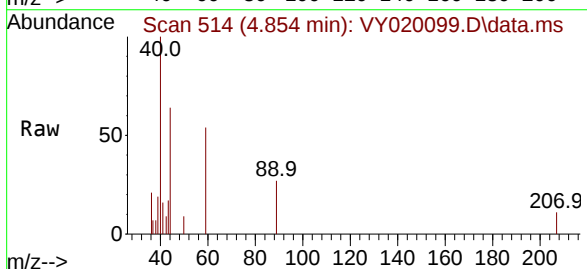
Acq: 31 Oct 2024 16:59

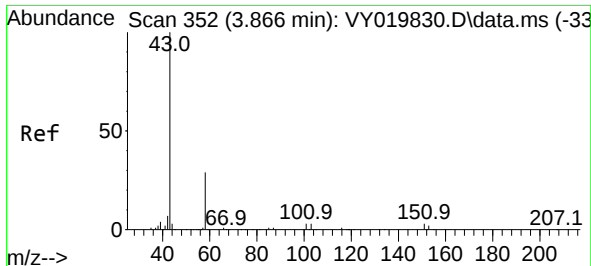
Tgt Ion: 59 Resp: 557

Ion Ratio Lower Upper

59 100

57 8.8 3.0 4.6#

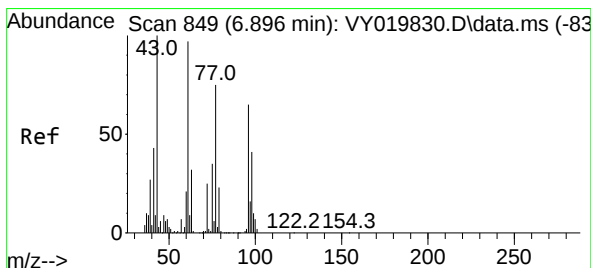
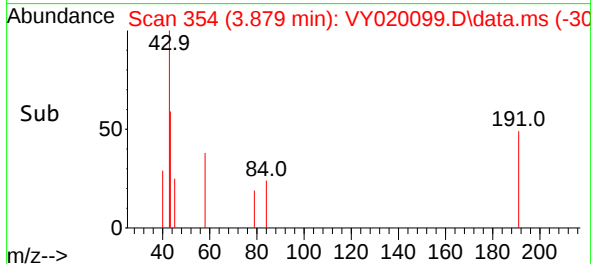
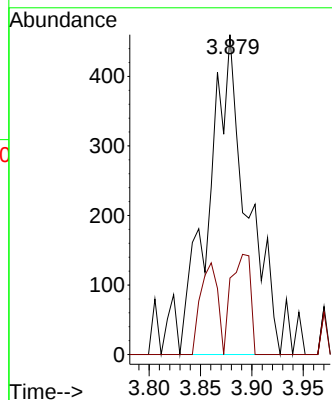
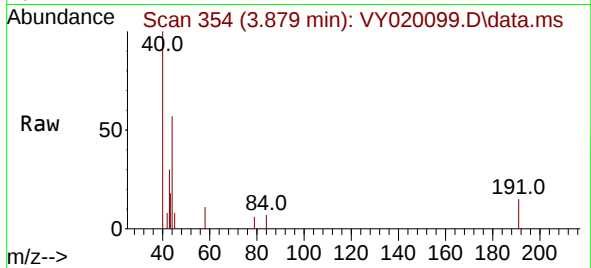




#16
Acetone
Concen: 2.296 ug/l
RT: 3.879 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

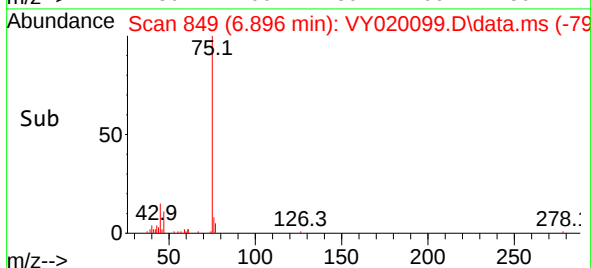
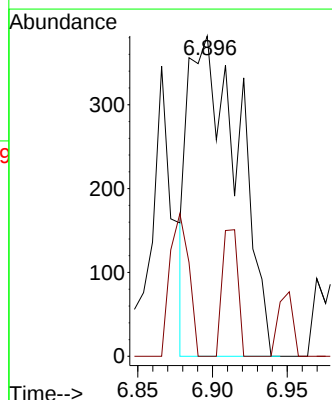
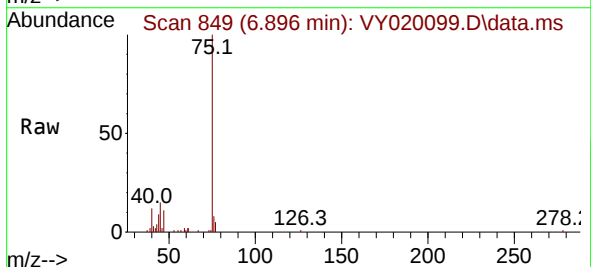
Instrument :
MSVOA_Y
ClientSampleId :

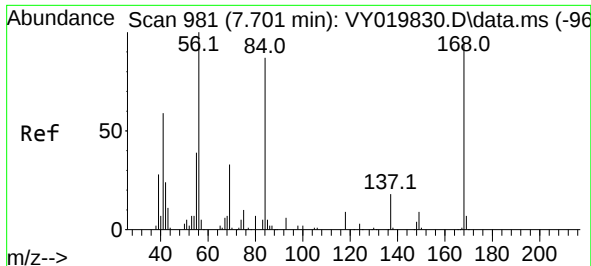
Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
58 23.9 31.7 47.5#



#25
2-Butanone
Concen: 1.277 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

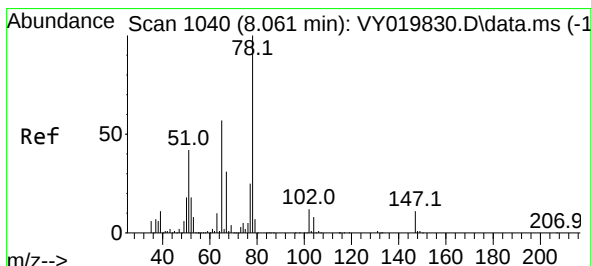
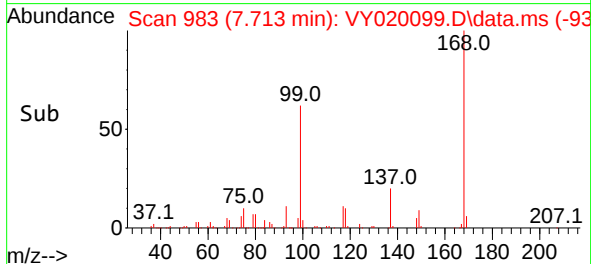
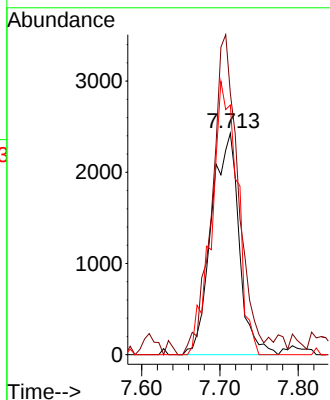
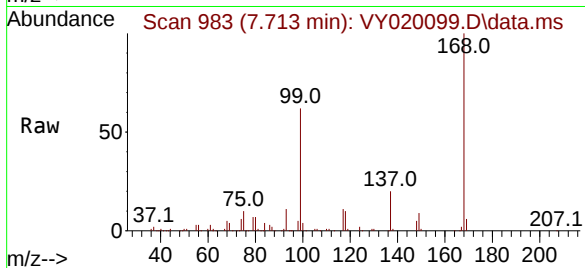




#31
Cyclohexane
Concen: 1.483 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.013 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

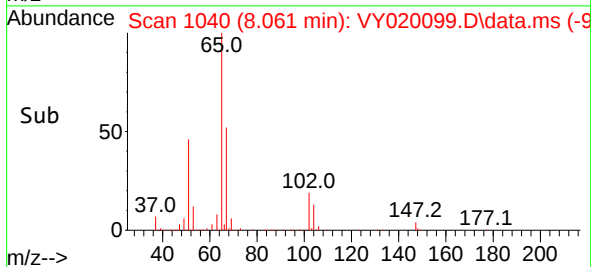
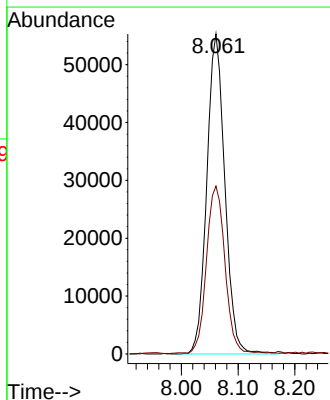
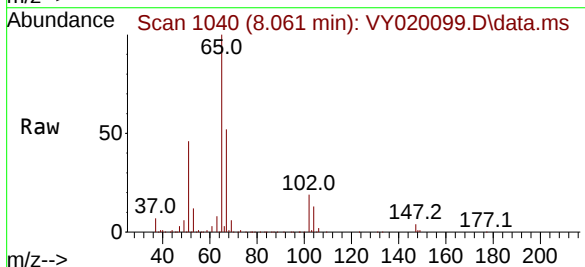
Instrument :
MSVOA_Y
ClientSampleId :

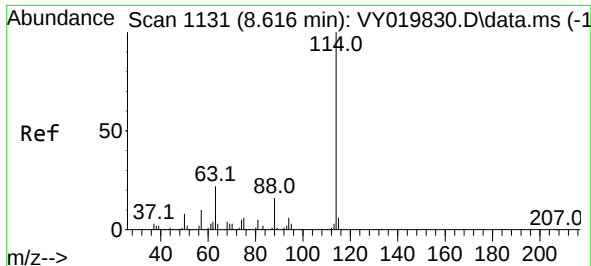
Tgt Ion: 56 Resp: 5956
Ion Ratio Lower Upper
56 100
69 118.0 28.7 43.1#
84 112.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.164 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

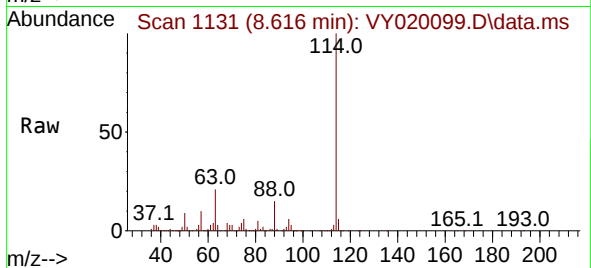
Tgt Ion: 65 Resp: 122121
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



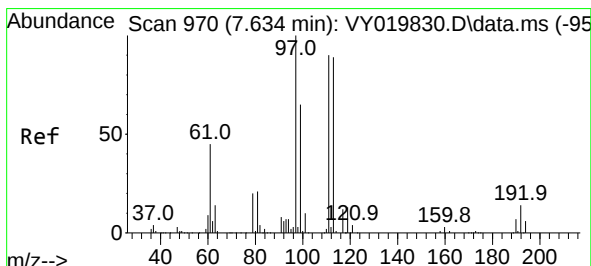
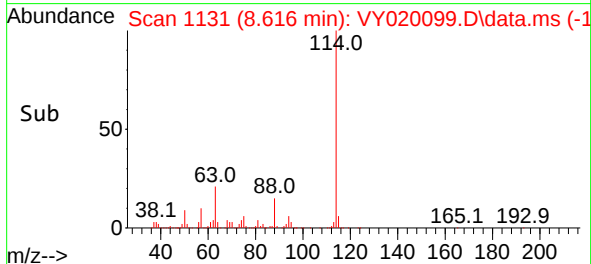
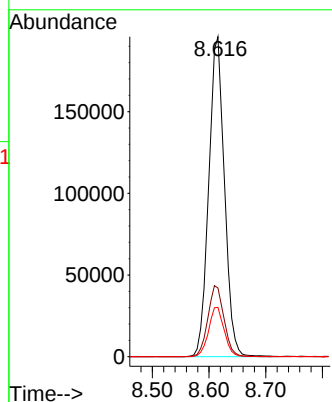


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020099.D
 Acq: 31 Oct 2024 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :

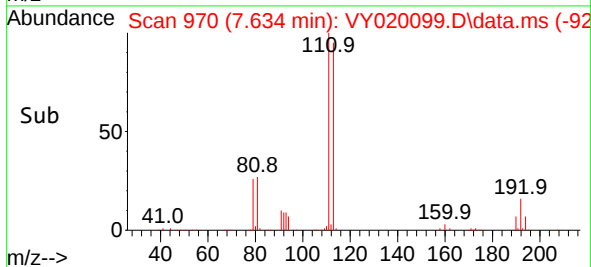
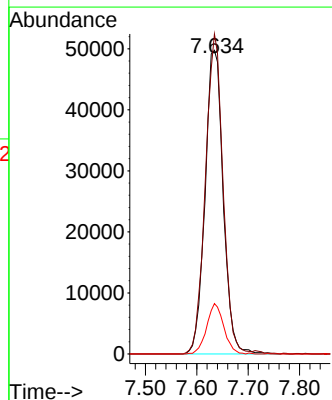
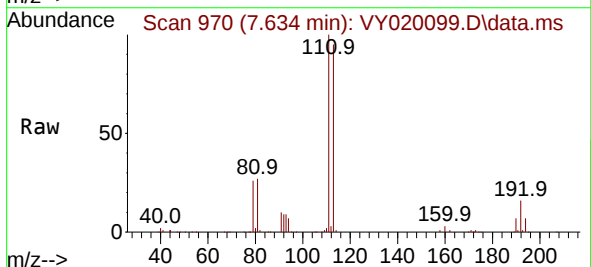


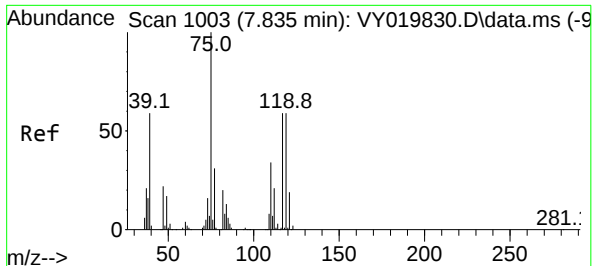
Tgt Ion:114 Resp: 376948
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 35.0
 88 15.4 0.0 27.2



#35
 Dibromofluoromethane
 Concen: 50.779 ug/l
 RT: 7.634 min Scan# 970
 Delta R.T. 0.000 min
 Lab File: VY020099.D
 Acq: 31 Oct 2024 16:59

Tgt Ion:113 Resp: 121698
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 15.7 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

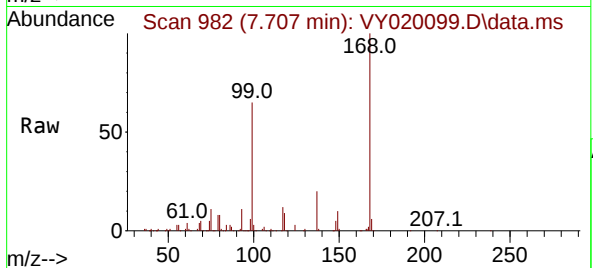
Lab File: VY020099.D

Acq: 31 Oct 2024 16:59

Instrument :

MSVOA_Y

ClientSampleId :



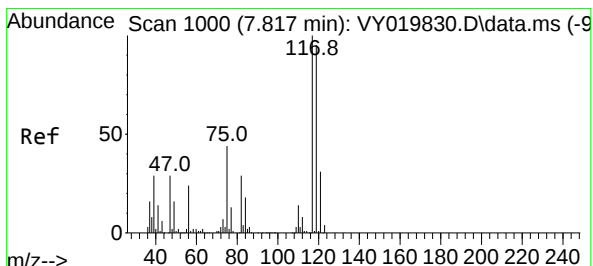
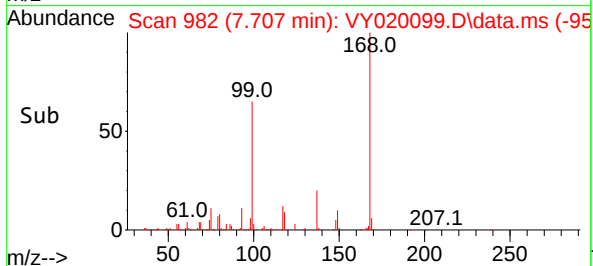
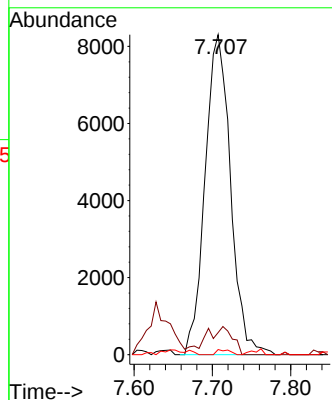
Tgt Ion: 75 Resp: 18749

Ion Ratio Lower Upper

75 100

110 5.3 19.0 57.0#

77 0.8 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020099.D

Acq: 31 Oct 2024 16:59

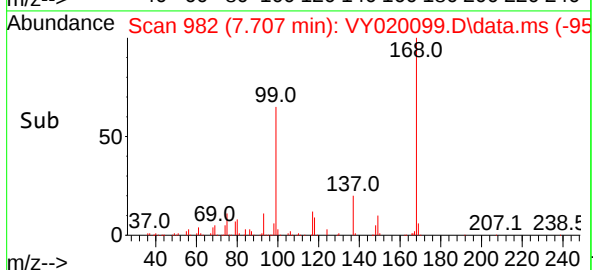
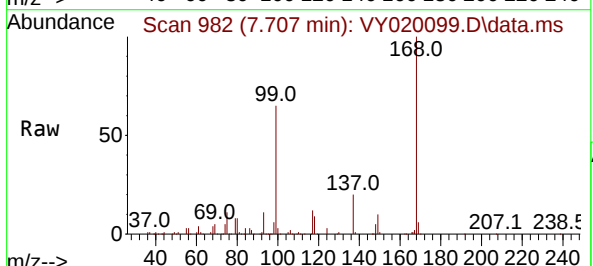
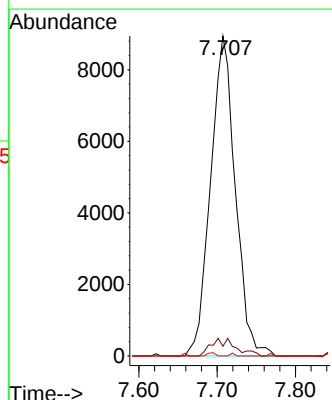
Tgt Ion: 117 Resp: 19663

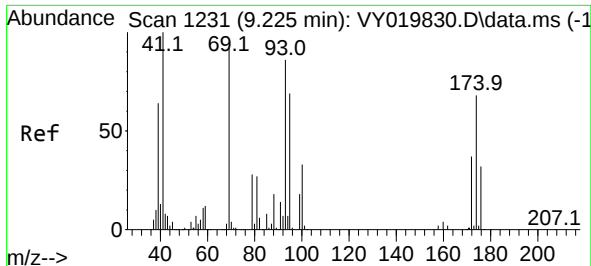
Ion Ratio Lower Upper

117 100

119 3.1 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 3.120 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

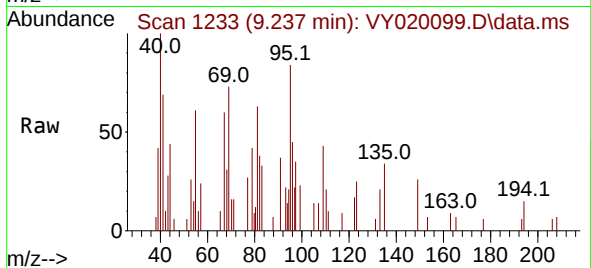
Lab File: VY020099.D

Acq: 31 Oct 2024 16:59

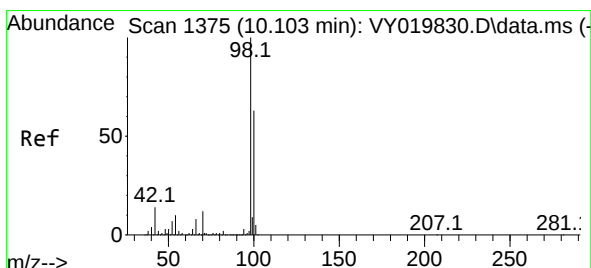
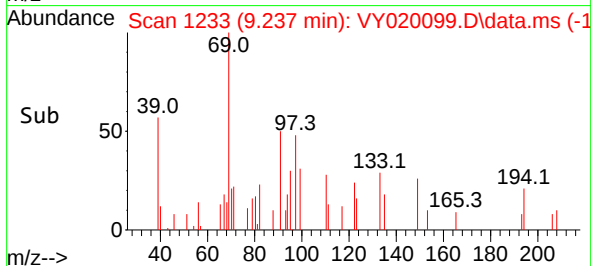
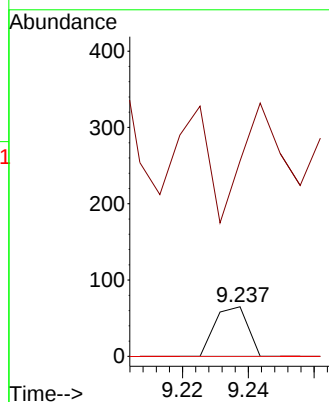
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	45
Ion	Ratio	Lower	Upper
88	100		
43	306.7	0.0	0.0#
58	0.0	49.3	73.9#



#50

Toluene-d8

Concen: 50.301 ug/l

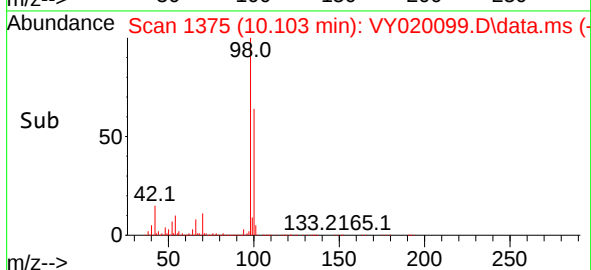
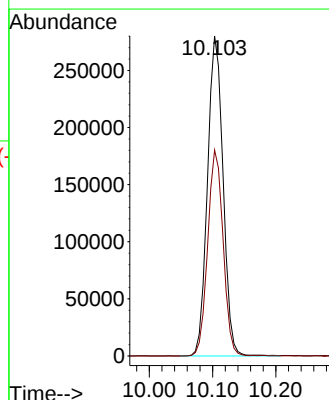
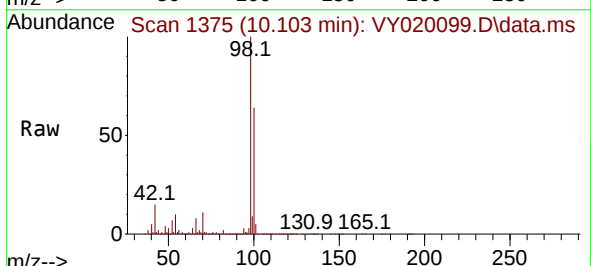
RT: 10.103 min Scan# 1375

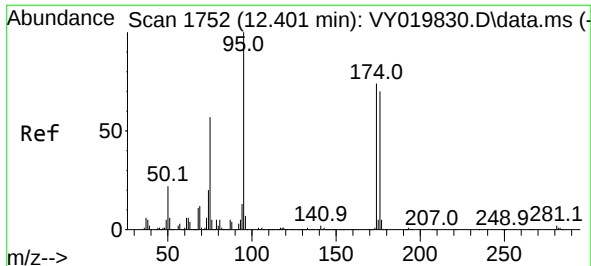
Delta R.T. -0.006 min

Lab File: VY020099.D

Acq: 31 Oct 2024 16:59

Tgt Ion:	98	Resp:	479853
Ion	Ratio	Lower	Upper
98	100		
100	63.6	52.0	78.0

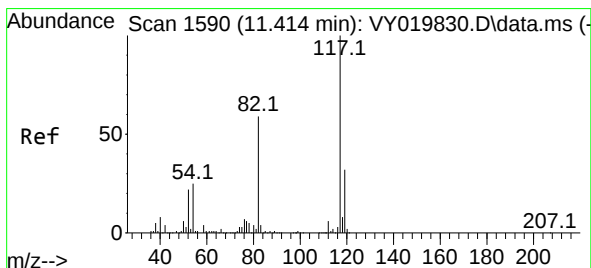
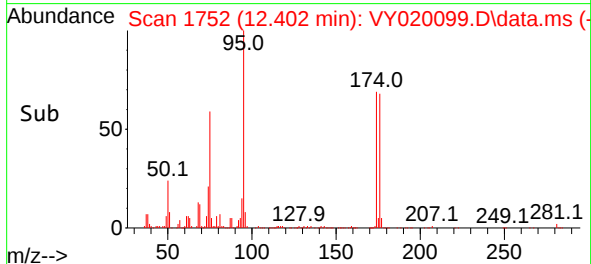
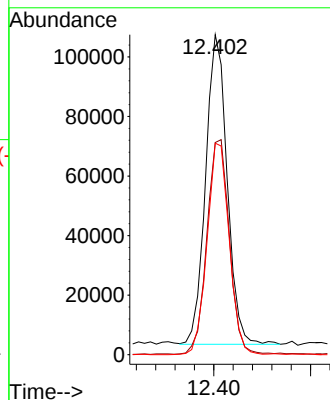
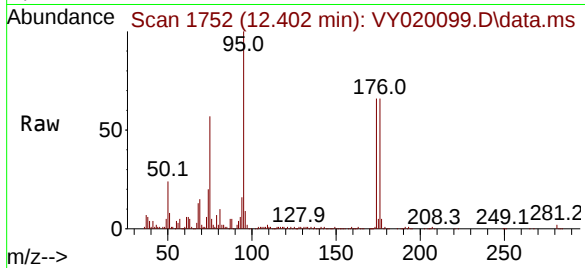




#62
4-Bromofluorobenzene
Concen: 52.050 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

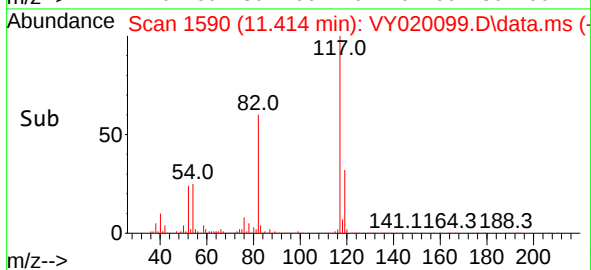
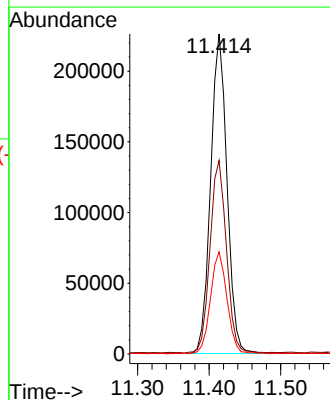
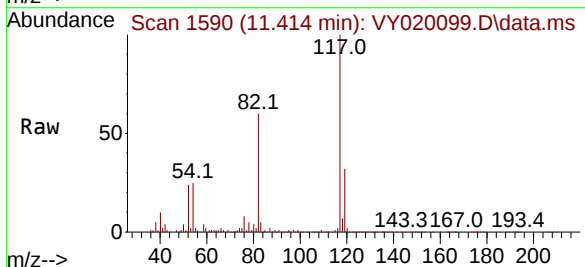
Instrument :
MSVOA_Y
ClientSampleId :

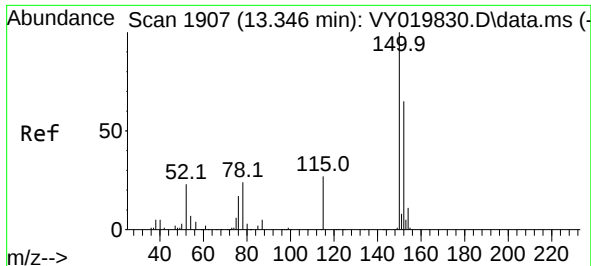
Tgt Ion: 95 Resp: 161283
Ion Ratio Lower Upper
95 100
174 72.3 0.0 175.6
176 69.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

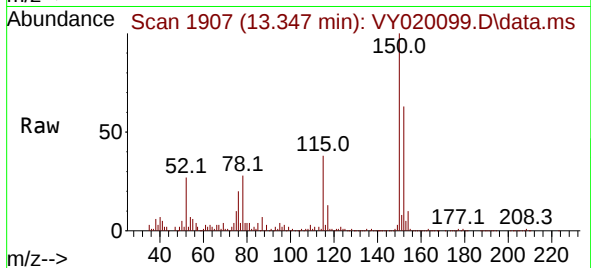
Tgt Ion: 117 Resp: 357844
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 31.8 25.9 38.9



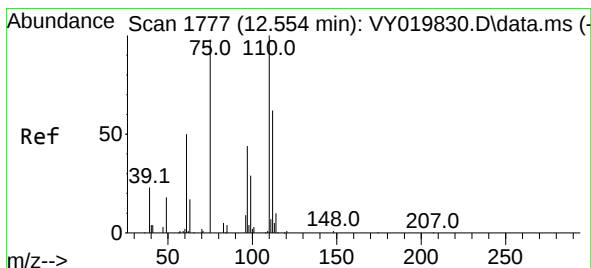
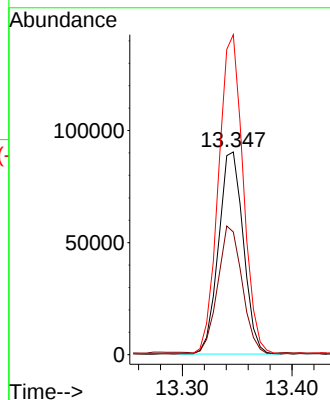
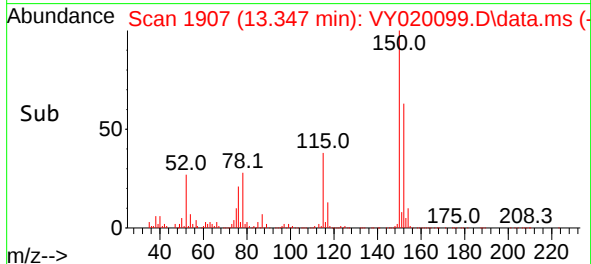


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VY020099.D
 Acq: 31 Oct 2024 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :

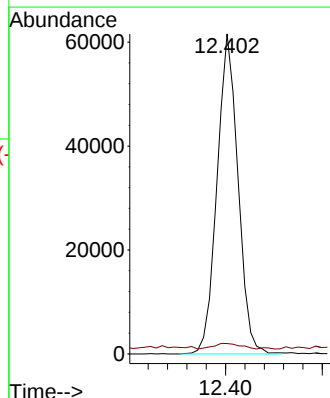
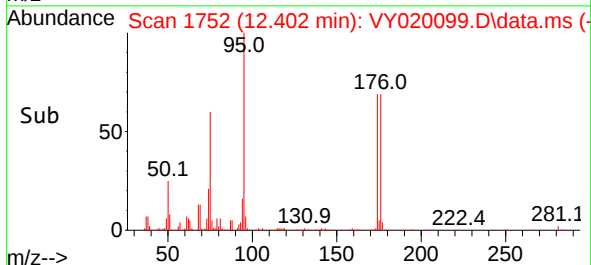
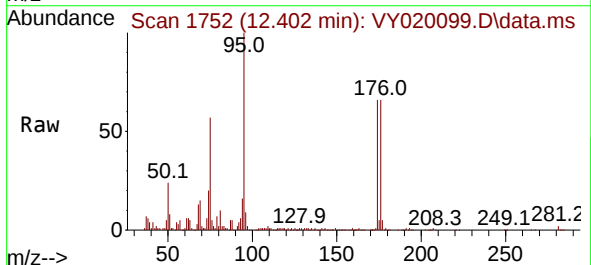


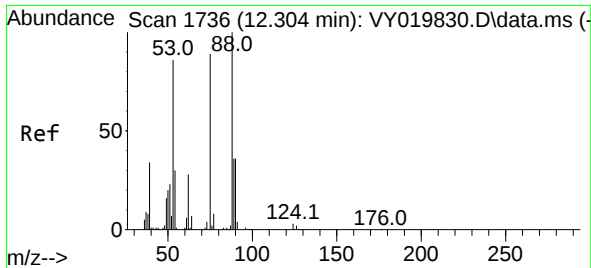
Tgt Ion:152 Resp: 141247
 Ion Ratio Lower Upper
 152 100
 115 61.9 28.2 84.7
 150 157.4 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 69.844 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020099.D
 Acq: 31 Oct 2024 16:59

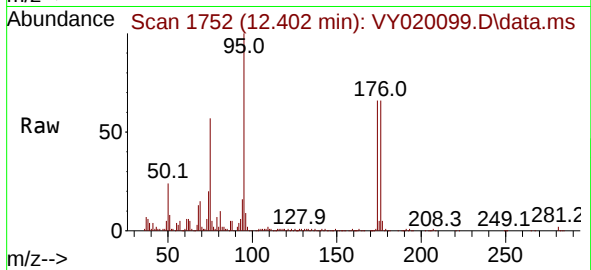
Tgt Ion: 75 Resp: 92477
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 150.233 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020099.D
Acq: 31 Oct 2024 16:59

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	92477
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.6	35.8	53.6#

