

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100224\
 Data File : VY019768.D
 Acq On : 02 Oct 2024 16:33
 Operator : SY/MD
 Sample : P4255-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 03 02:04:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

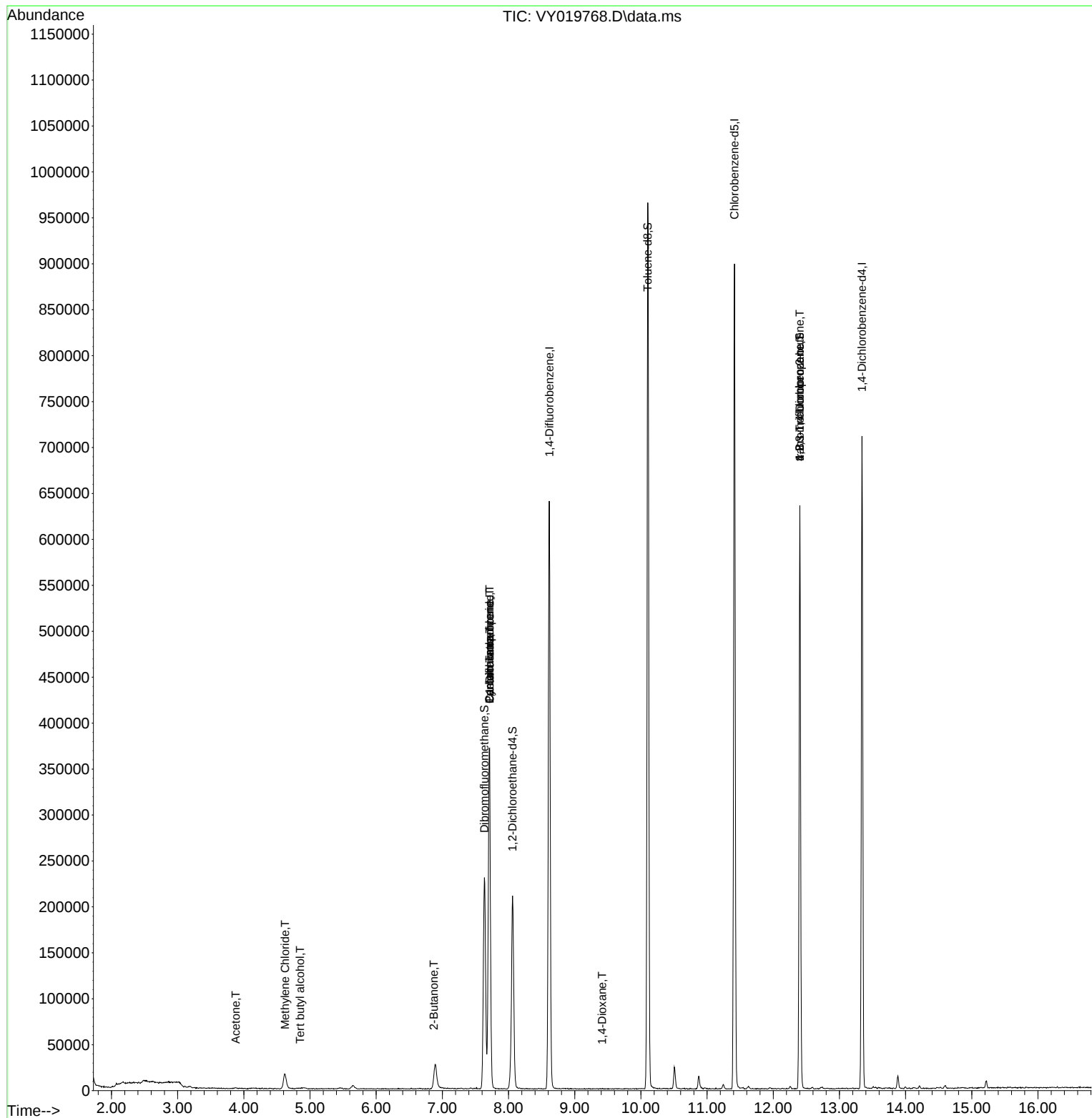
Internal Standards						
1) Pentafluorobenzene	7.713	168	270607	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	530815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	463024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	165800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	155642	62.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.220%	
35) Dibromofluoromethane	7.634	113	166328	55.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.540%	
50) Toluene-d8	10.103	98	625794	56.216	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.440%	
62) 4-Bromofluorobenzene	12.401	95	195827	45.751	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	135	Below Cal	#	43
11) Tert butyl alcohol	4.848	59	244	1.206	ug/l #	88
13) Acrolein	3.659	56	38	Below Cal	#	1
16) Acetone	3.879	43	1892	3.169	ug/l #	80
20) Methylene Chloride	4.622	84	11594	4.259	ug/l	95
25) 2-Butanone	6.872	43	1854	2.184	ug/l #	61
31) Cyclohexane	7.713	56	6469	1.443	ug/l #	8
36) 1,1-Dichloropropene	7.713	75	24340	5.943	ug/l #	48
38) Carbon Tetrachloride	7.713	117	28710	6.217	ug/l #	17
49) 1,4-Dioxane	9.414	88	44	2.216	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	107187	68.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	107187	132.409	ug/l #	16

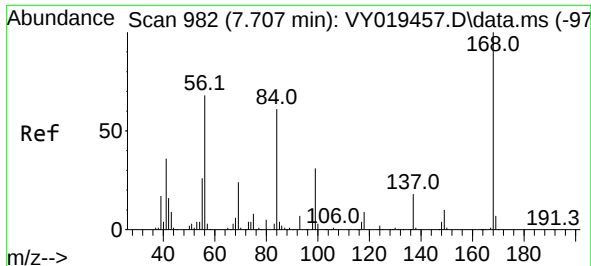
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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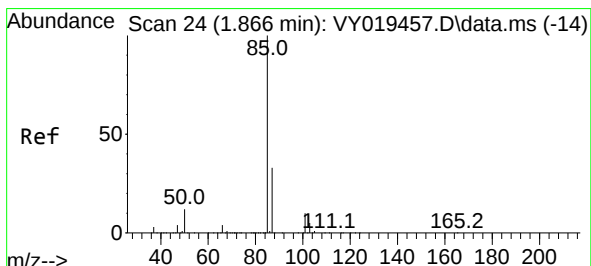
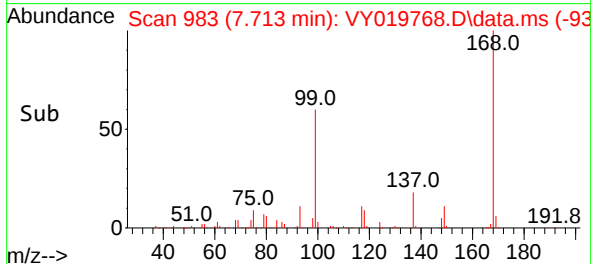
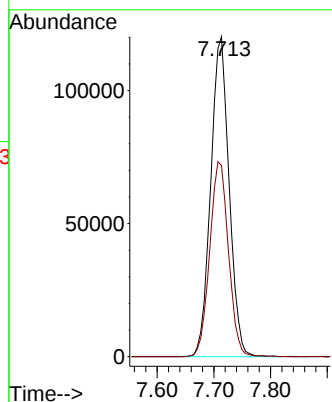
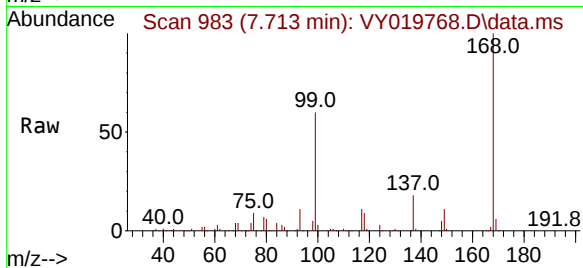




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

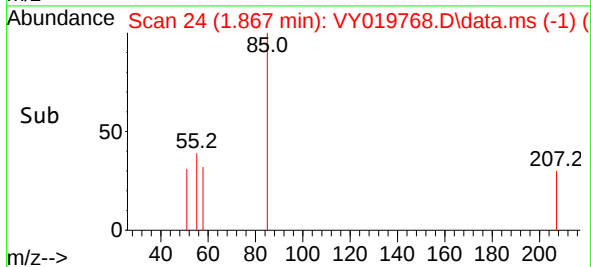
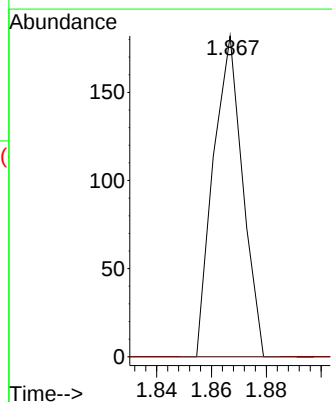
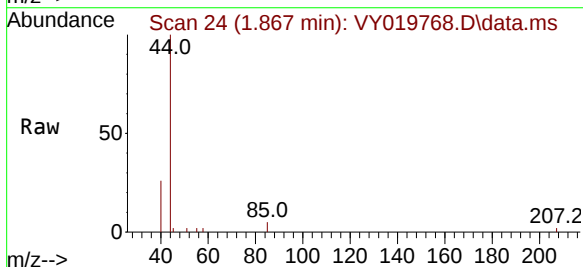
Instrument :
MSVOA_Y
ClientSampleId :

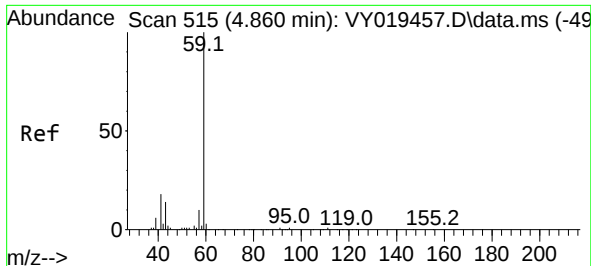
Tgt Ion:168 Resp: 270607
Ion Ratio Lower Upper
168 100
99 59.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

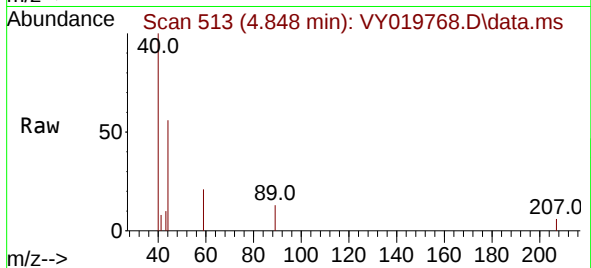
Tgt Ion: 85 Resp: 135
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



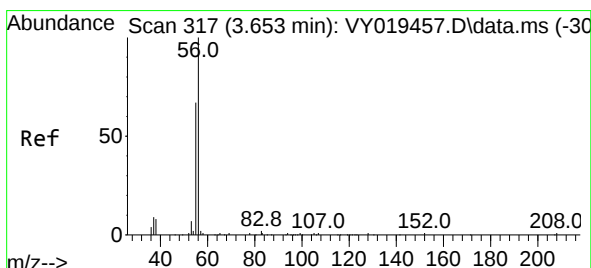
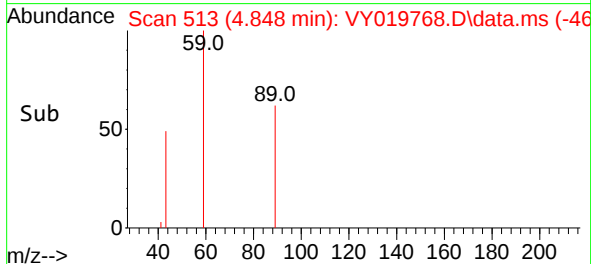
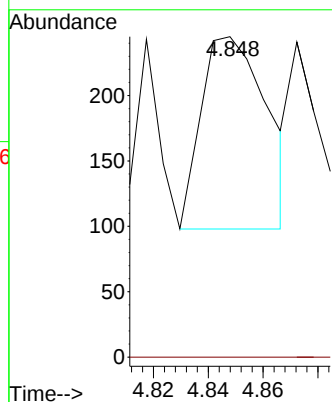


#11
Tert butyl alcohol
Concen: 1.206 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

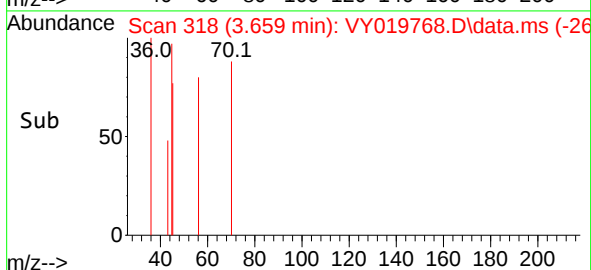
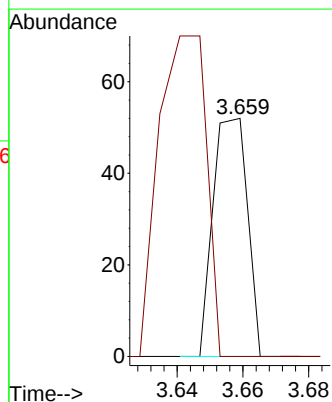
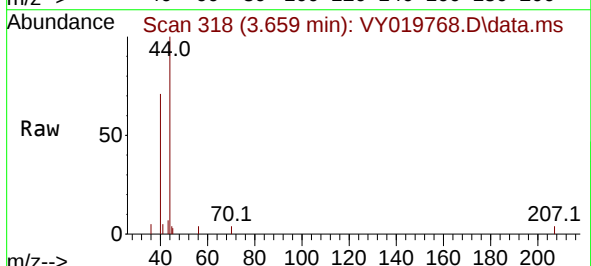


Tgt Ion: 59 Resp: 244
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 186.8 55.7 83.5#

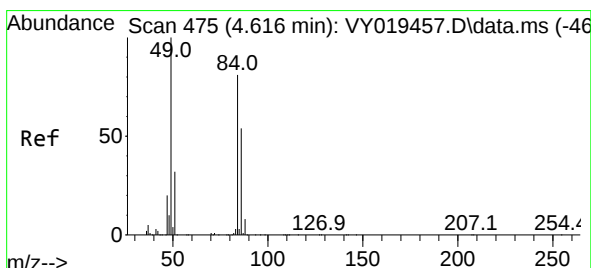
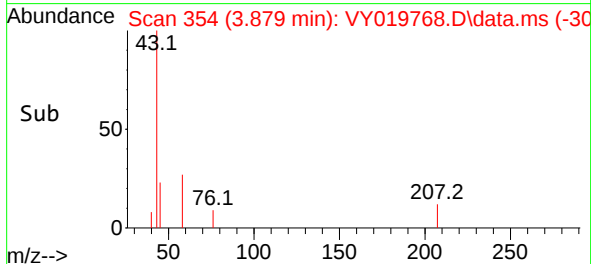
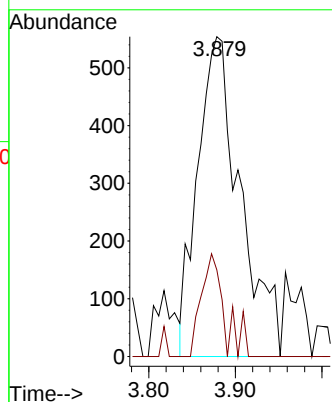
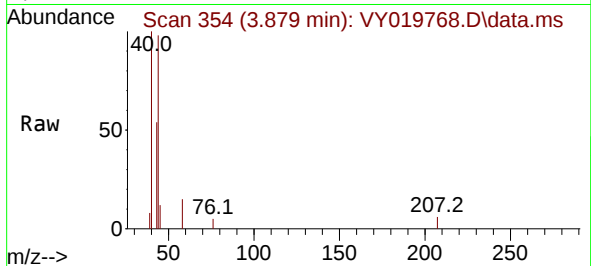




#16
Acetone
Concen: 3.169 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

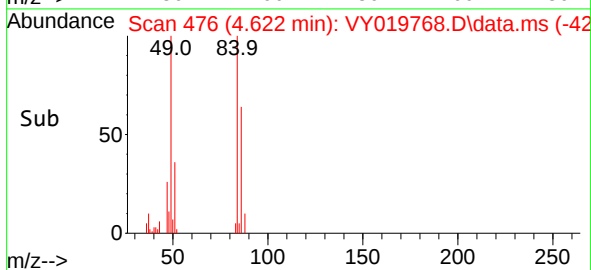
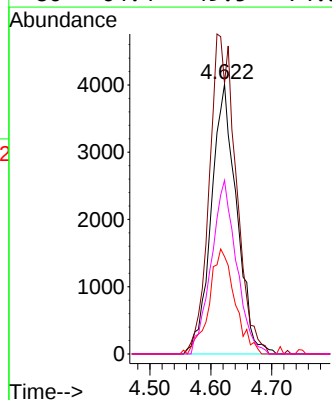
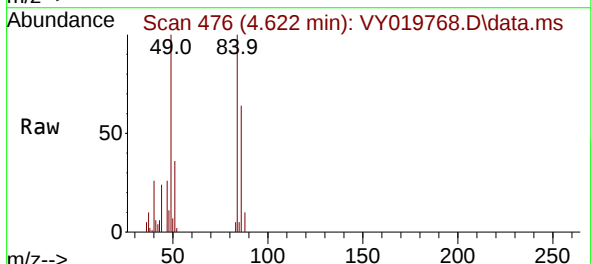
Instrument :
MSVOA_Y
ClientSampleId :

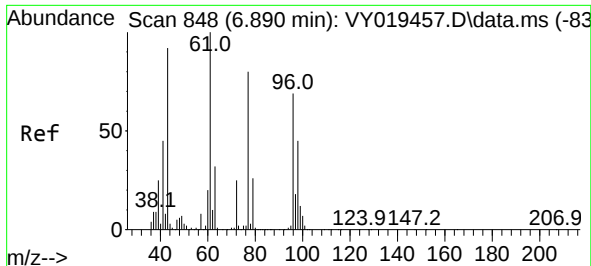
Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
58 27.1 31.7 47.5#



#20
Methylene Chloride
Concen: 4.259 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

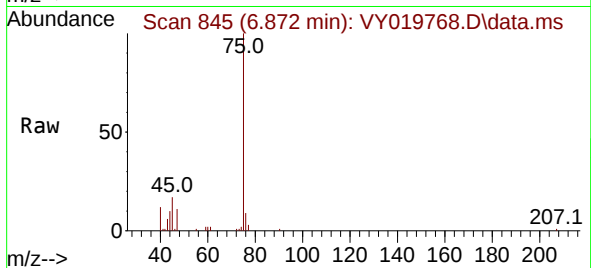
Tgt Ion: 84 Resp: 11594
Ion Ratio Lower Upper
84 100
49 100.3 84.4 126.6
51 36.1 26.0 39.0
86 64.4 49.5 74.3



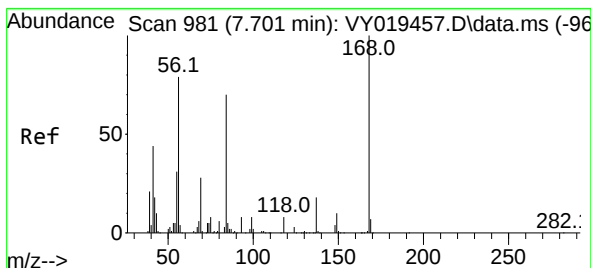
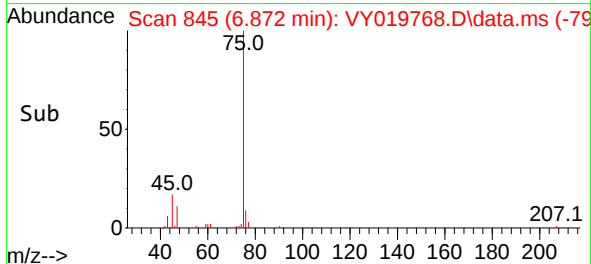
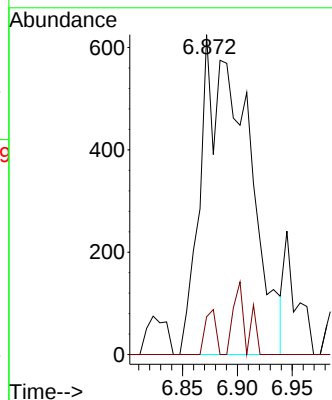


#25
2-Butanone
Concen: 2.184 ug/l
RT: 6.872 min Scan# 84
Delta R.T. -0.018 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

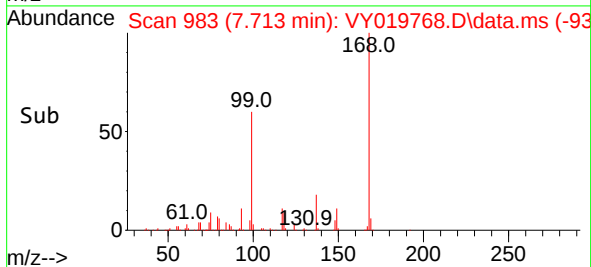
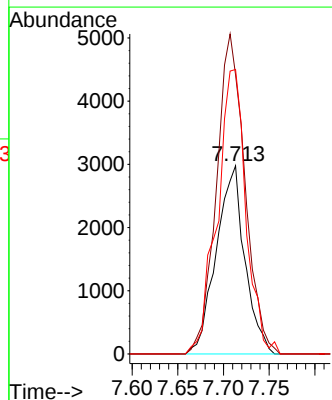
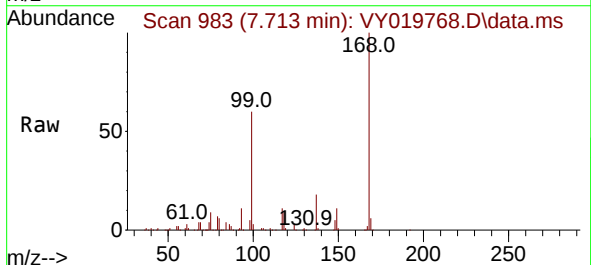


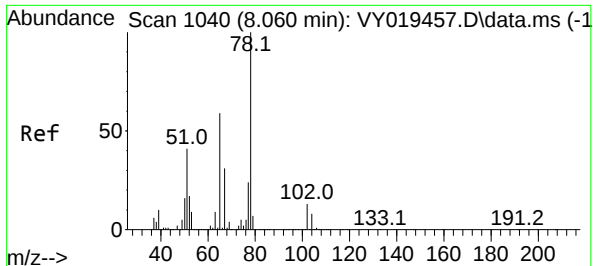
Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
72 11.8 27.3 40.9#



#31
Cyclohexane
Concen: 1.443 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 56 Resp: 6469
Ion Ratio Lower Upper
56 100
69 148.4 28.7 43.1#
84 151.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 62.114 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019768.D

Acq: 02 Oct 2024 16:33

Instrument :

MSVOA_Y

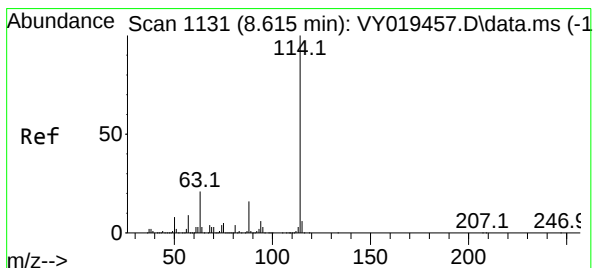
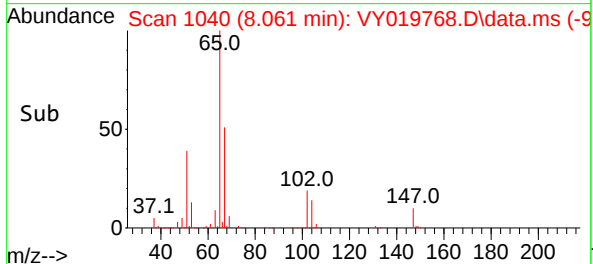
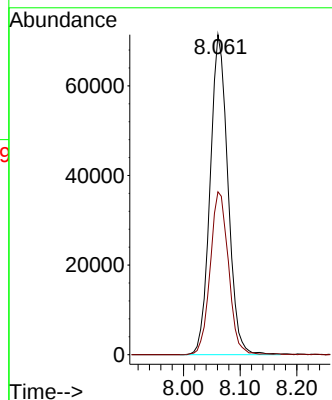
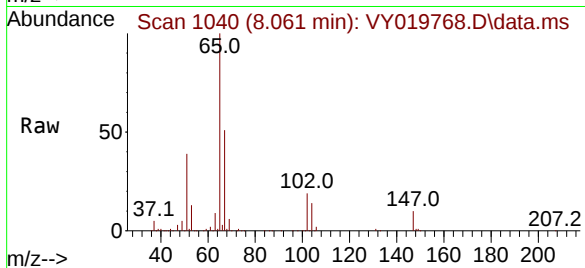
ClientSampleId :

Tgt Ion: 65 Resp: 155642

Ion Ratio Lower Upper

65 100

67 52.3 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: VY019768.D

Acq: 02 Oct 2024 16:33

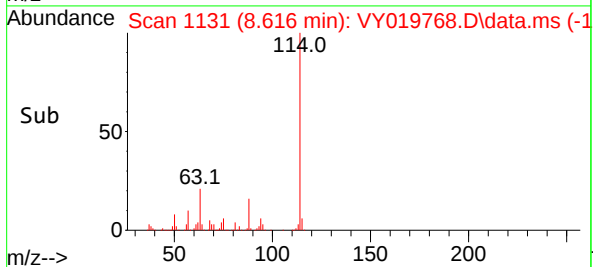
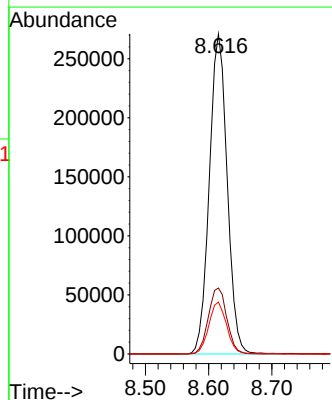
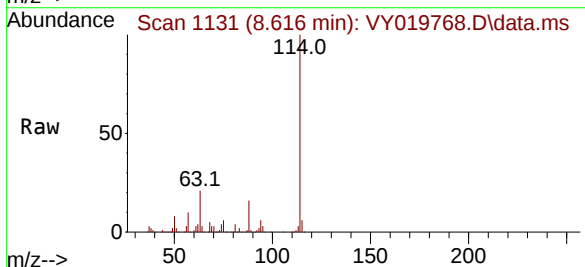
Tgt Ion: 114 Resp: 530815

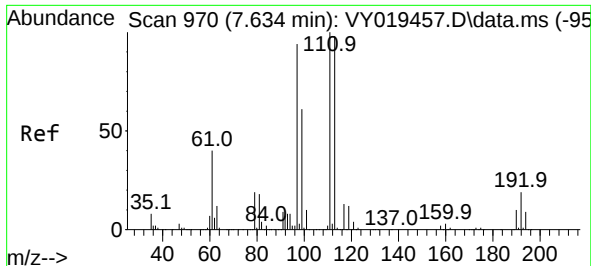
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

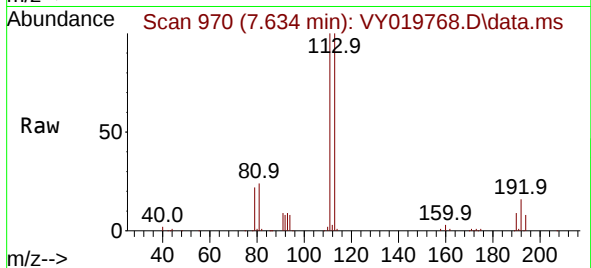
88 16.2 0.0 27.2



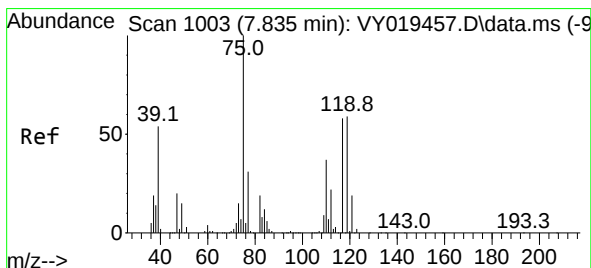
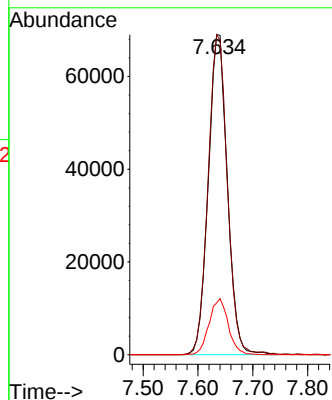
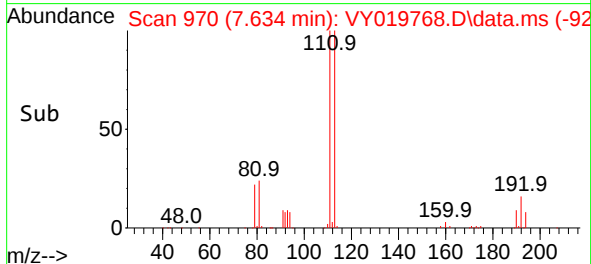


#35
Dibromofluoromethane
Concen: 55.265 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

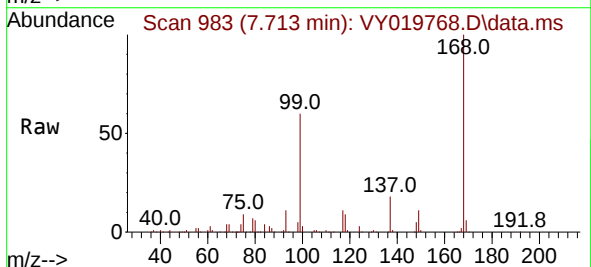
Instrument :
MSVOA_Y
ClientSampleId :



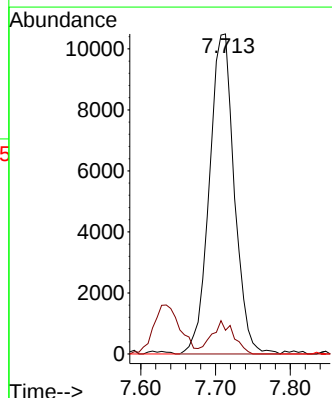
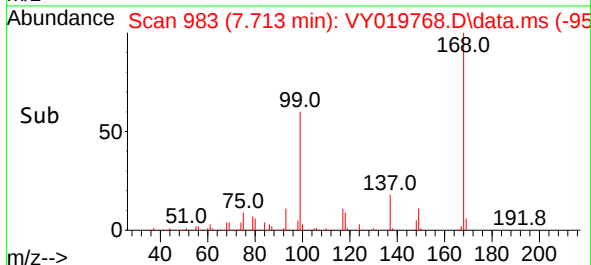
Tgt Ion:113 Resp: 166328
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 17.6 15.9 23.9

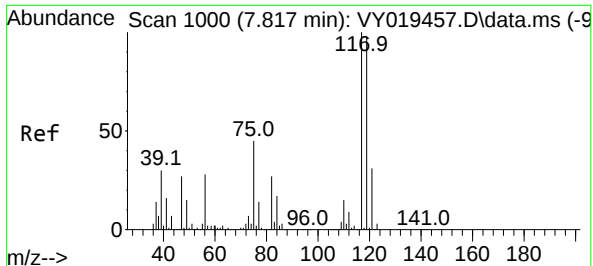


#36
1,1-Dichloropropene
Concen: 5.943 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33



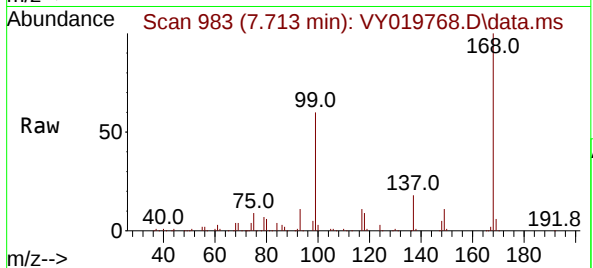
Tgt Ion: 75 Resp: 24340
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



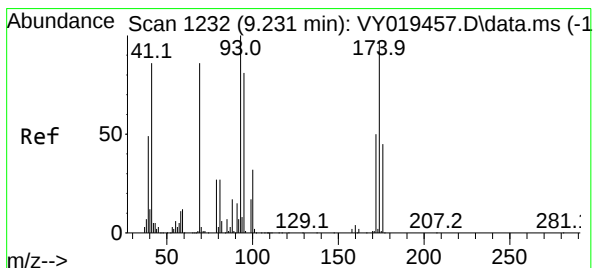
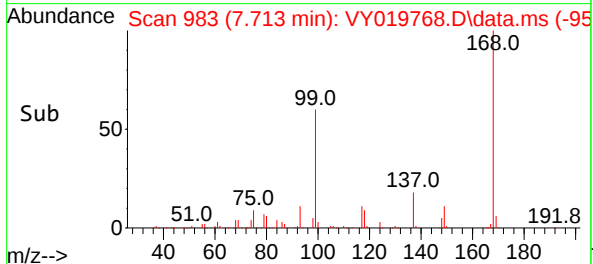
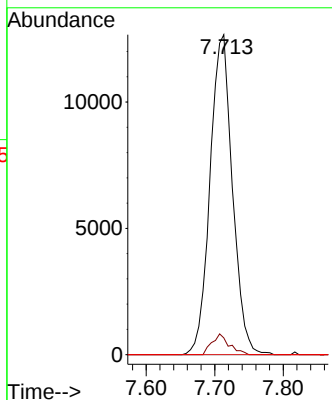


#38
Carbon Tetrachloride
Concen: 6.217 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

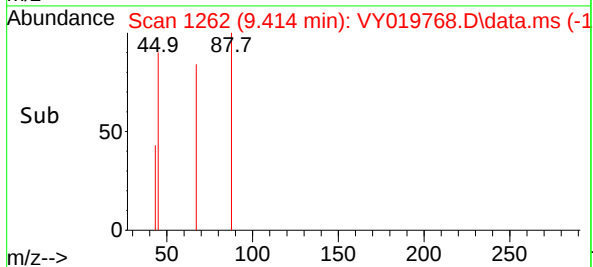
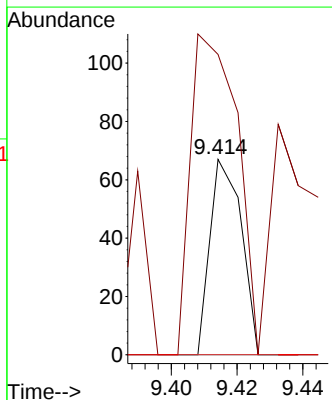
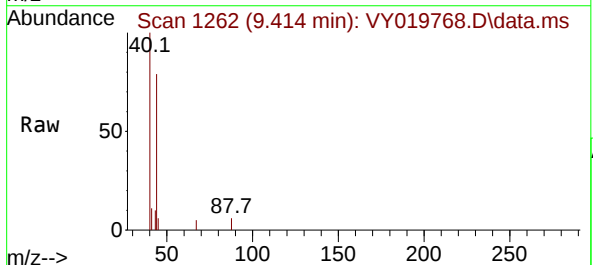


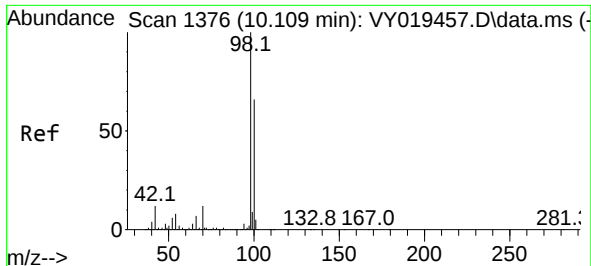
Tgt Ion:117 Resp: 28710
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.216 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. 0.183 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 245.5 0.0 0.0#
58 0.0 49.3 73.9#

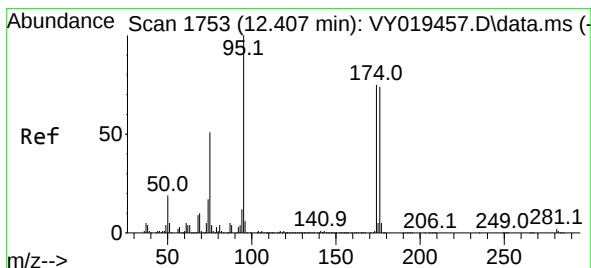
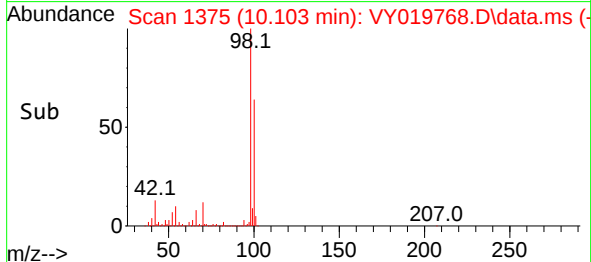
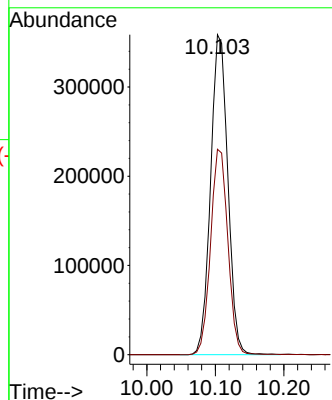
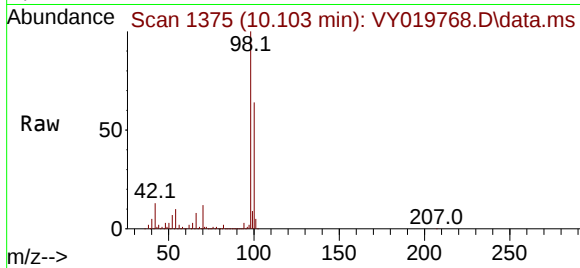




#50
Toluene-d8
Concen: 56.216 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

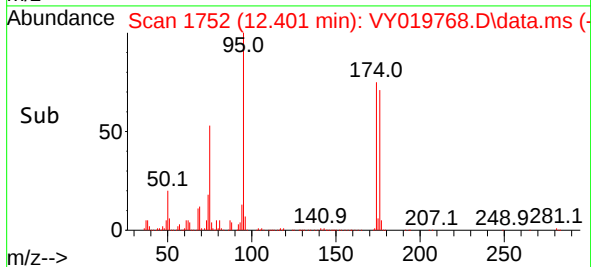
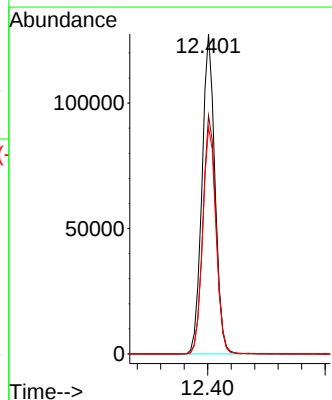
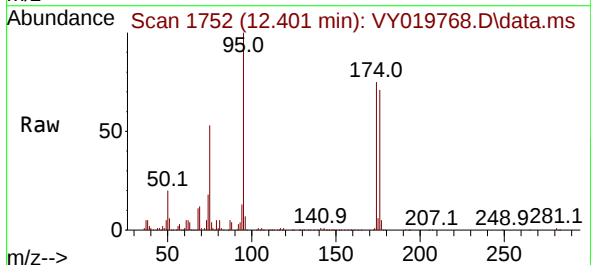
Instrument :
MSVOA_Y
ClientSampleId :

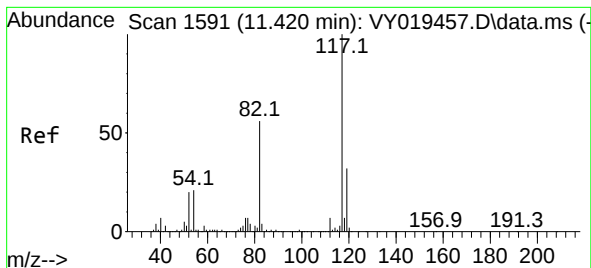
Tgt Ion: 98 Resp: 625794
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.751 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 95 Resp: 195827
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 72.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019768.D

Acq: 02 Oct 2024 16:33

Instrument :

MSVOA_Y

ClientSampleId :

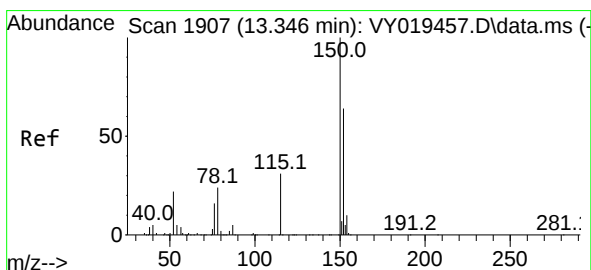
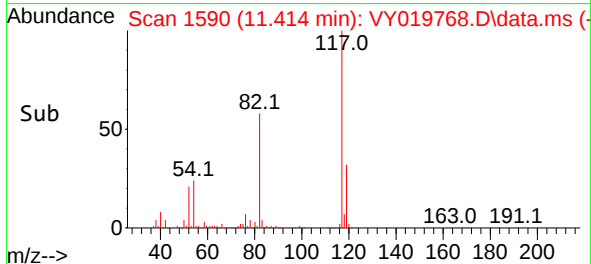
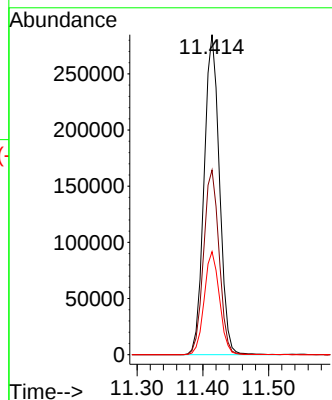
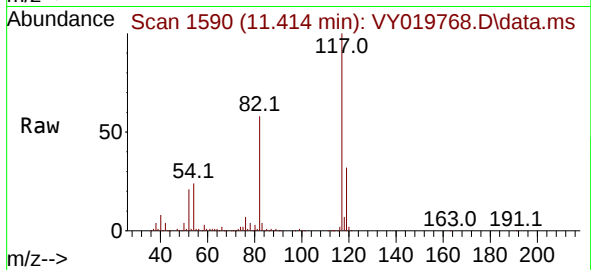
Tgt Ion:117 Resp: 463024

Ion Ratio Lower Upper

117 100

82 57.7 42.4 63.6

119 32.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019768.D

Acq: 02 Oct 2024 16:33

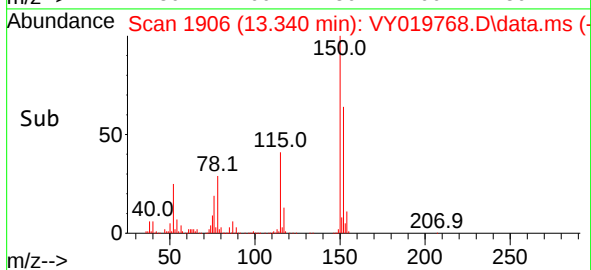
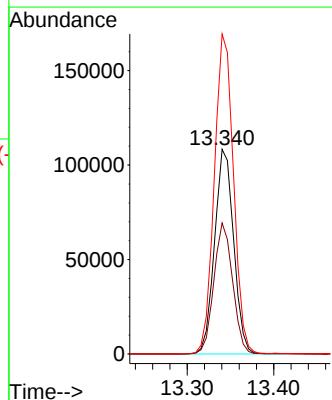
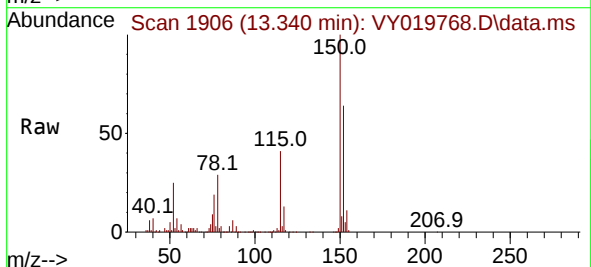
Tgt Ion:152 Resp: 165800

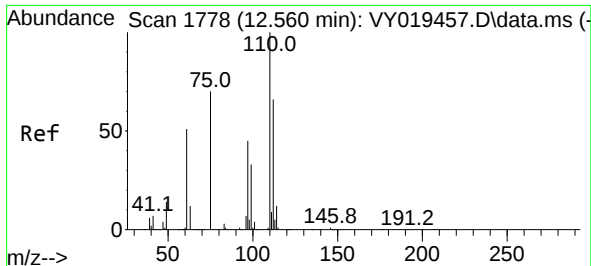
Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 157.0 0.0 345.6

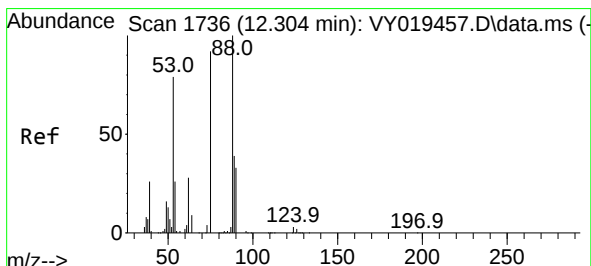
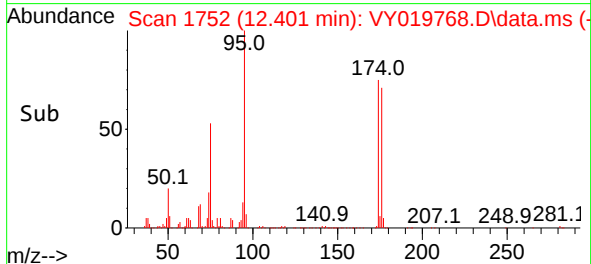
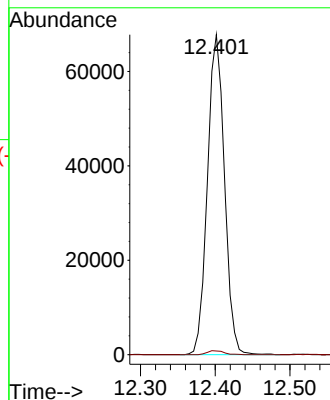
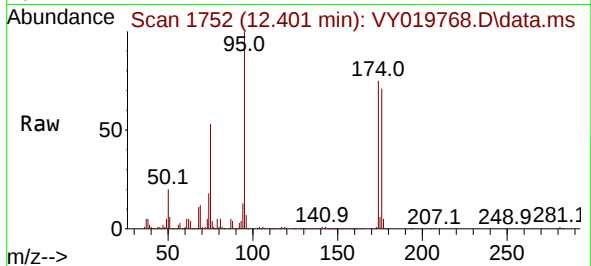




#76
1,2,3-Trichloropropane
Concen: 68.974 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 107187
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.409 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019768.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 75 Resp: 107187
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

