

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091924\
 Data File : VY019632.D
 Acq On : 19 Sep 2024 14:24
 Operator : SY/MD
 Sample : VIBLK
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 01:29:01 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)

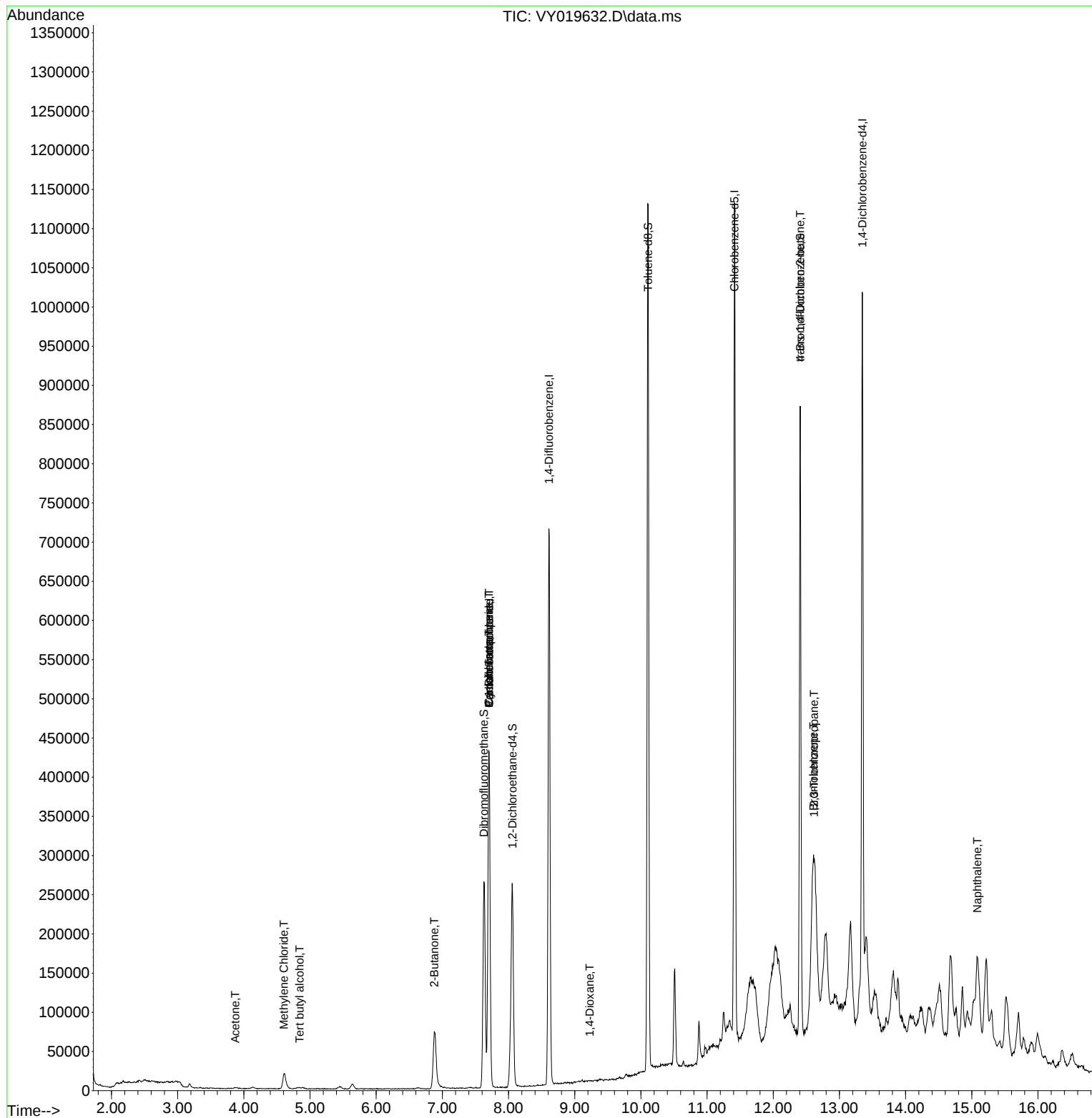
Internal Standards						
1) Pentafluorobenzene	7.707	168	326968	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	611785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	549602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	222757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	176573	58.320	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.640%	
35) Dibromofluoromethane	7.628	113	190220	54.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.680%	
50) Toluene-d8	10.109	98	725783	56.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.140%	
62) 4-Bromofluorobenzene	12.408	95	242921	49.242	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.480%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.855	85	146	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	3302	13.505	ug/l	# 90
13) Acrolein	3.665	56	111	Below Cal	#	1
16) Acetone	3.872	43	2242	3.108	ug/l	# 76
20) Methylene Chloride	4.604	84	13700	4.165	ug/l	91
25) 2-Butanone	6.878	43	4115	4.011	ug/l	# 51
31) Cyclohexane	7.701	56	7875	1.453	ug/l	# 42
36) 1,1-Dichloropropene	7.701	75	27783	5.886	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	35238	6.620	ug/l	# 16
49) 1,4-Dioxane	9.225	88	32	1.399	ug/l	# 20
76) 1,2,3-Trichloropropane	12.615	75	9923	4.753	ug/l	# 100
77) Bromobenzene	12.609	156	297604	83.034	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.408	75	129275	118.862	ug/l	# 16
95) Naphthalene	15.084	128	14405	1.903	ug/l	# 64

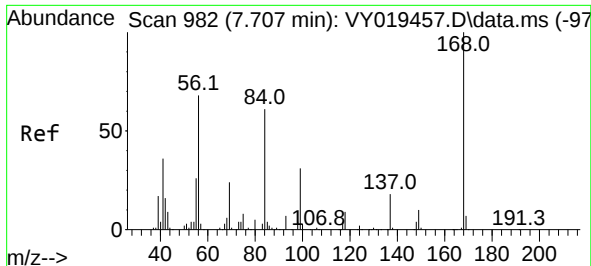
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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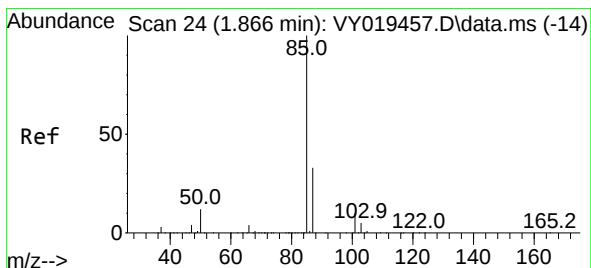
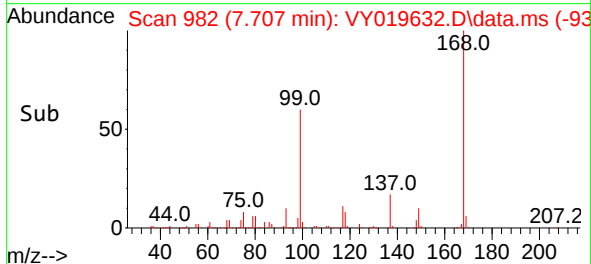
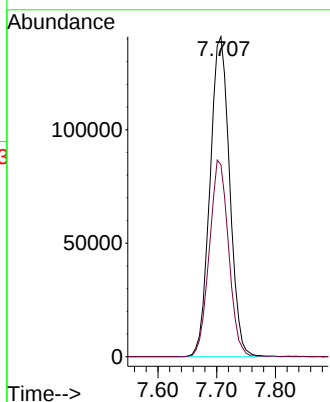
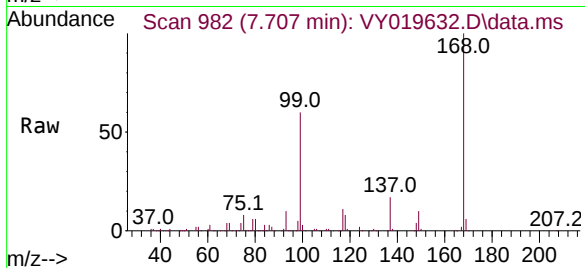




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

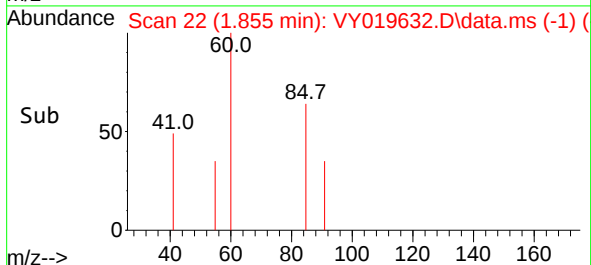
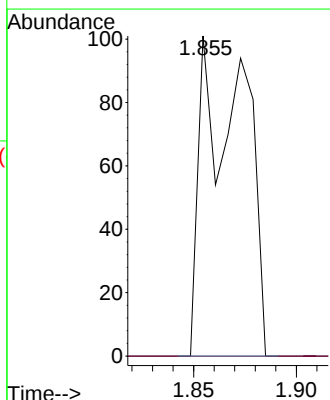
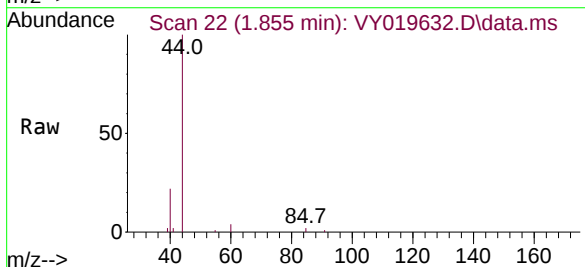
Instrument :
MSVOA_Y
ClientSampleId :

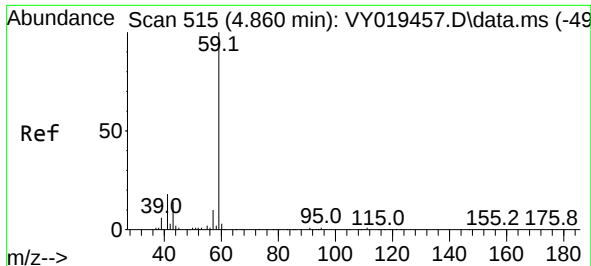
Tgt Ion:168 Resp: 326968
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.855 min Scan# 22
Delta R.T. -0.011 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Tgt Ion: 85 Resp: 146
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

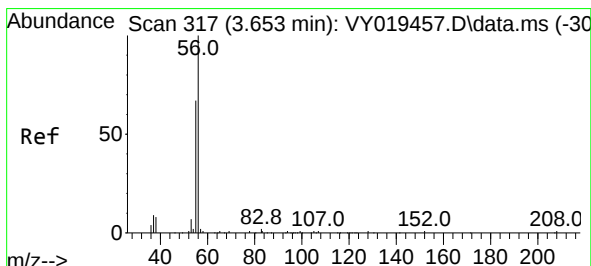
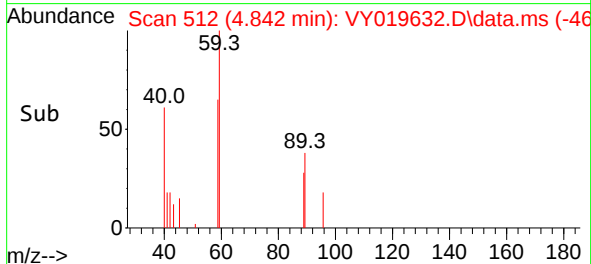
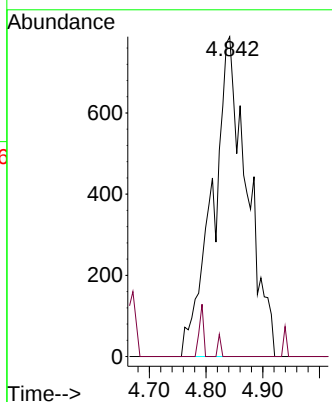
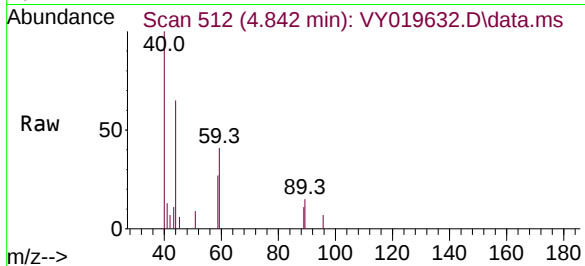




#11
Tert butyl alcohol
Concen: 13.505 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

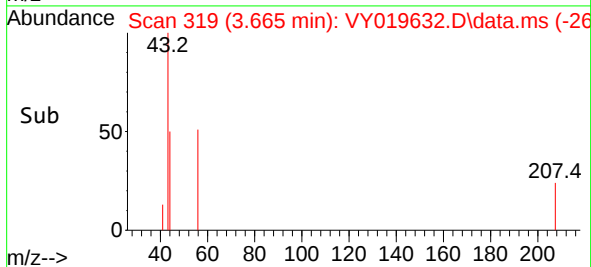
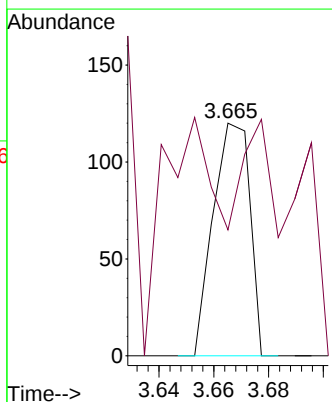
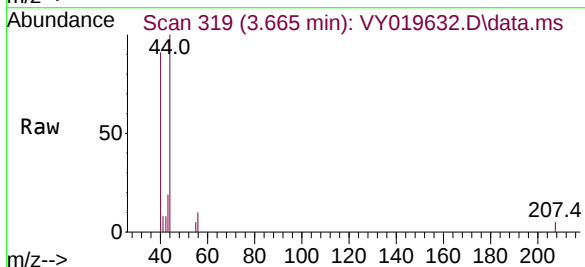
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 3302
Ion Ratio Lower Upper
59 100
57 0.6 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
55 156.8 55.7 83.5#

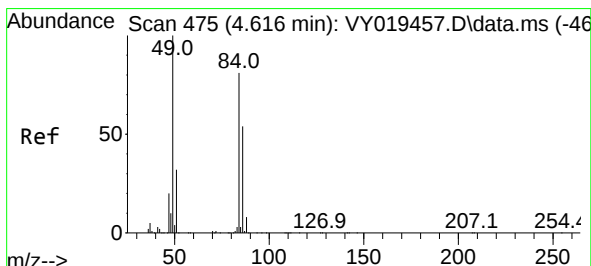
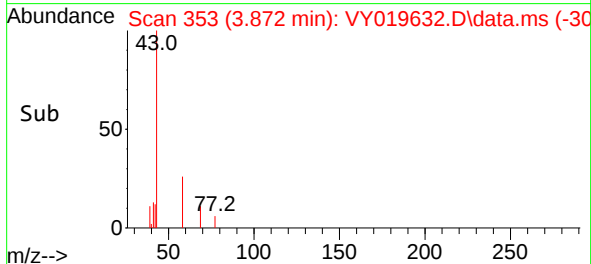
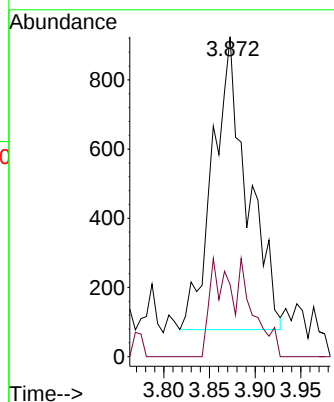
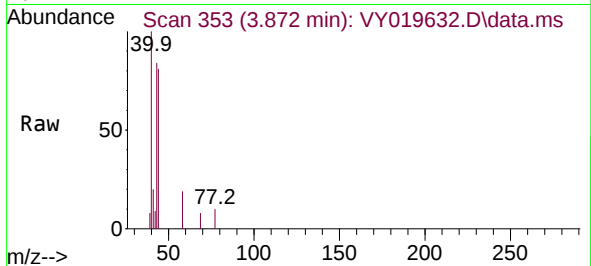




#16
Acetone
Concen: 3.108 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

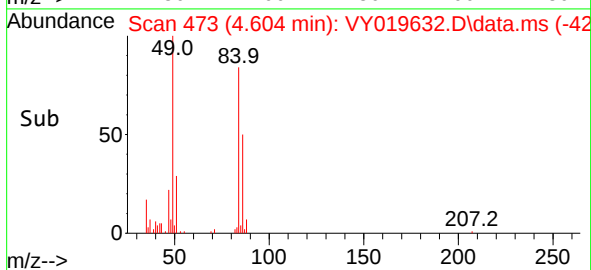
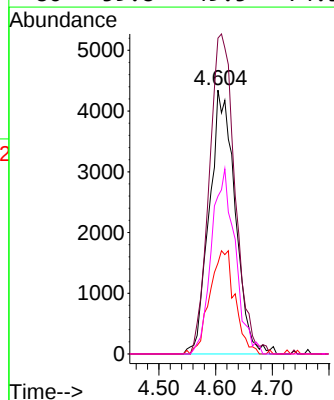
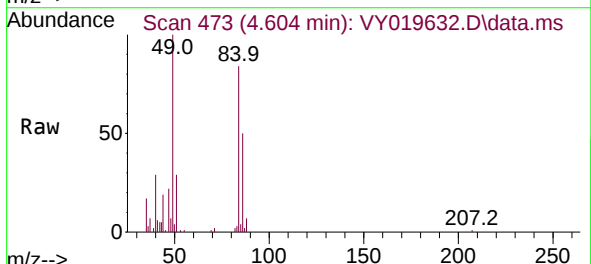
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 2242
Ion Ratio Lower Upper
43 100
58 24.6 31.7 47.5#



#20
Methylene Chloride
Concen: 4.165 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

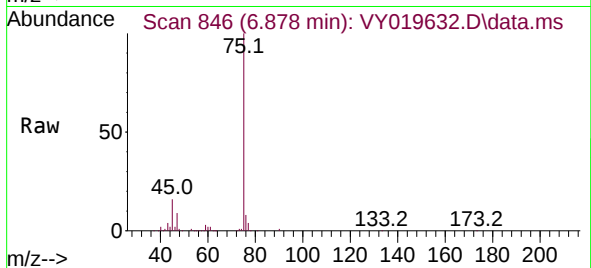
Tgt Ion: 84 Resp: 13700
Ion Ratio Lower Upper
84 100
49 119.7 84.4 126.6
51 34.5 26.0 39.0
86 59.8 49.5 74.3



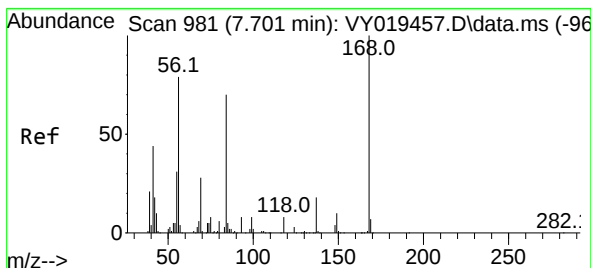
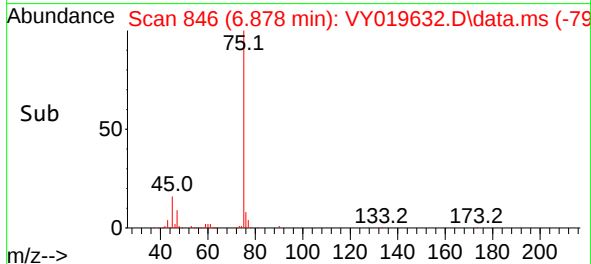
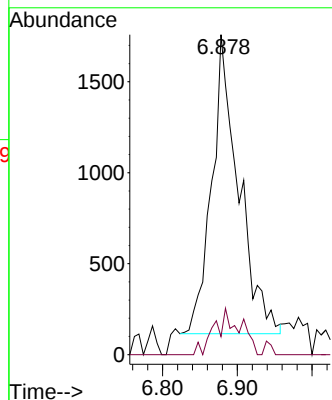


#25
2-Butanone
Concen: 4.011 ug/l
RT: 6.878 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Instrument :
MSVOA_Y
ClientSampleId :

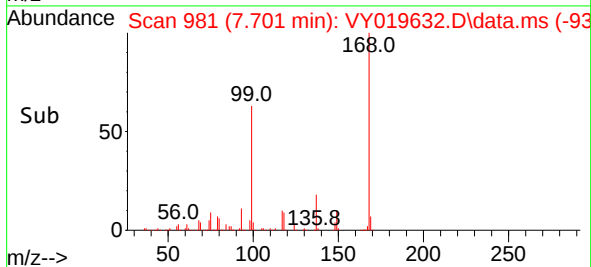
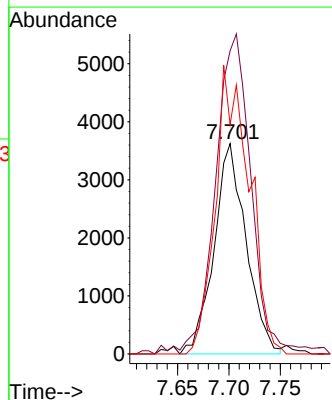
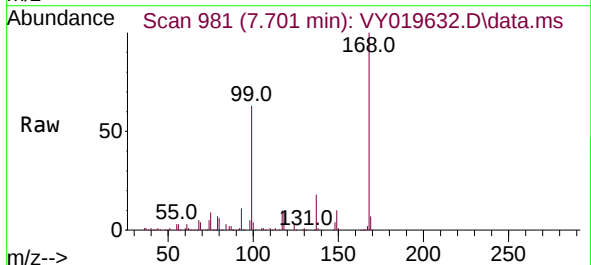


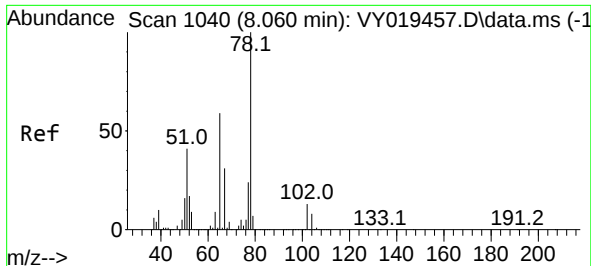
Tgt Ion: 43 Resp: 4115
Ion Ratio Lower Upper
43 100
72 6.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Tgt Ion: 56 Resp: 7875
Ion Ratio Lower Upper
56 100
69 142.3 28.7 43.1#
84 109.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.320 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019632.D

Acq: 19 Sep 2024 14:24

Instrument :

MSVOA_Y

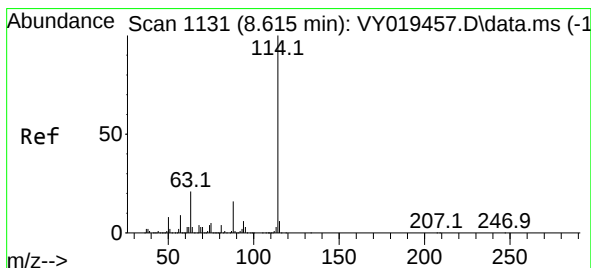
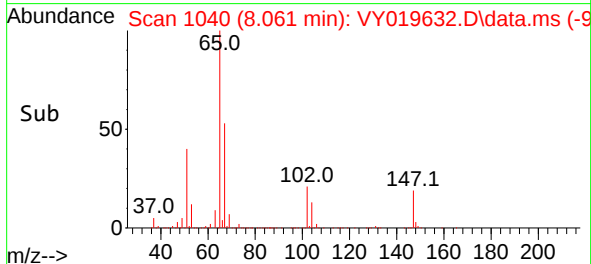
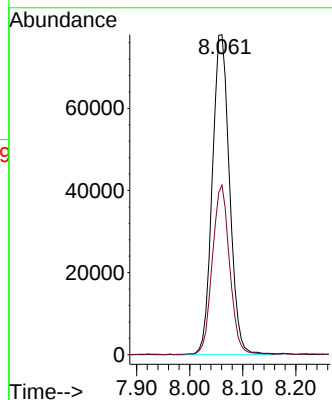
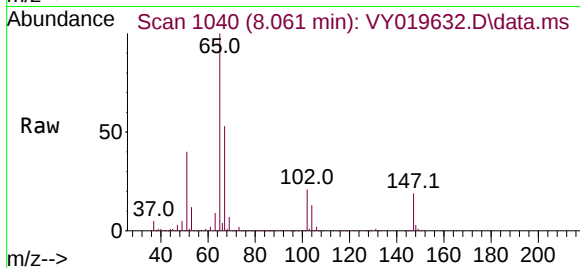
ClientSampleId :

Tgt Ion: 65 Resp: 176573

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019632.D

Acq: 19 Sep 2024 14:24

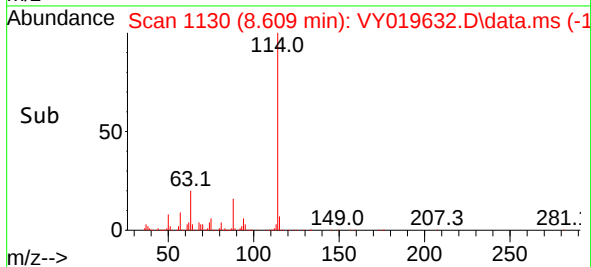
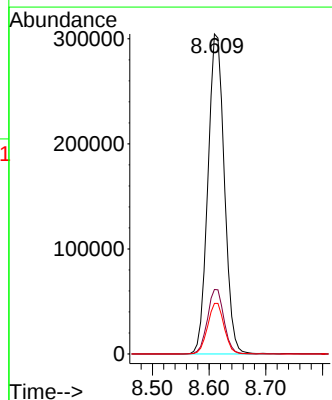
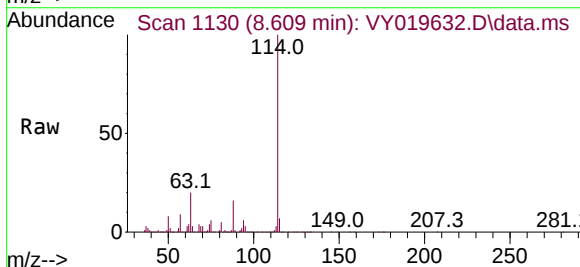
Tgt Ion:114 Resp: 611785

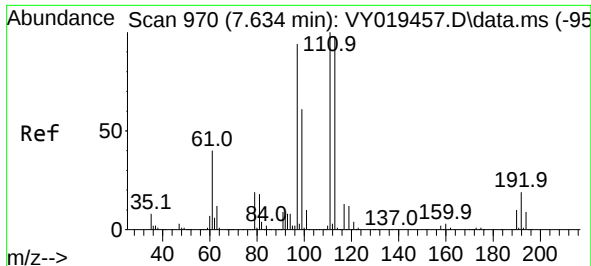
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

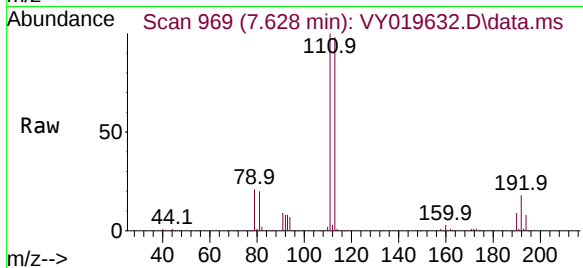
88 15.8 0.0 27.2



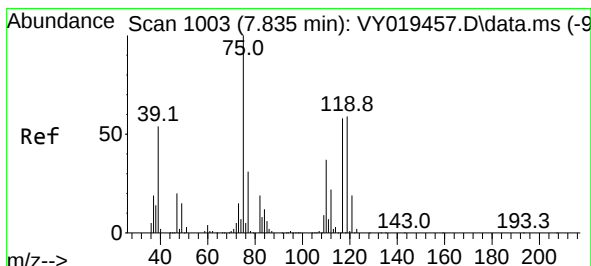
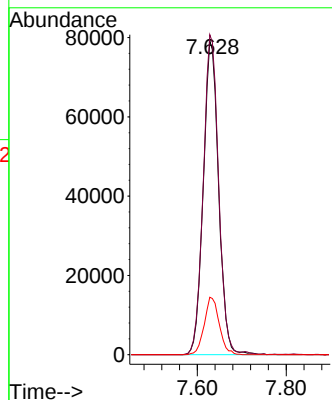
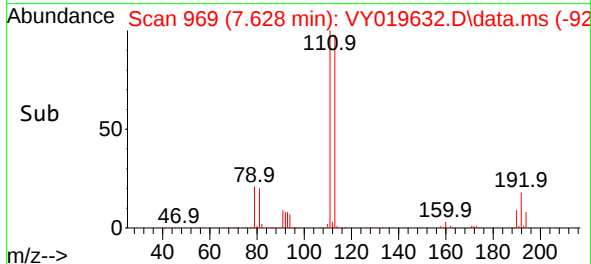


#35
Dibromofluoromethane
Concen: 54.839 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

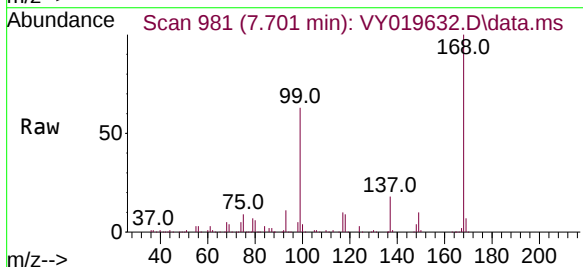
Instrument :
MSVOA_Y
ClientSampleId :



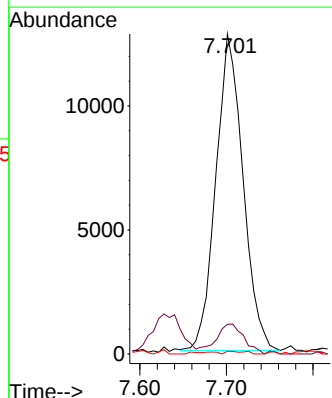
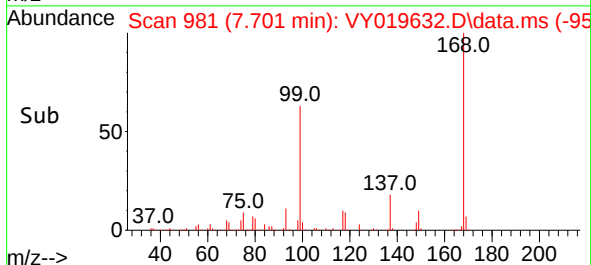
Tgt Ion:113 Resp: 190220
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.0 15.9 23.9

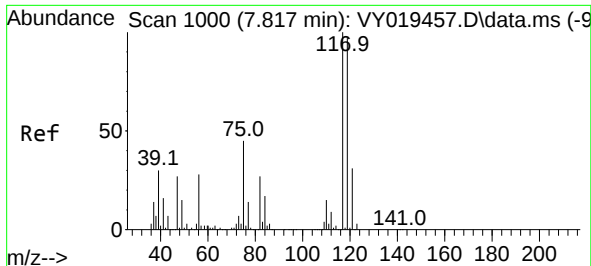


#36
1,1-Dichloropropene
Concen: 5.886 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24



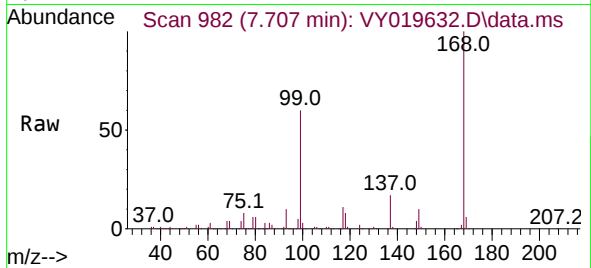
Tgt Ion: 75 Resp: 27783
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.6 25.3 37.9#



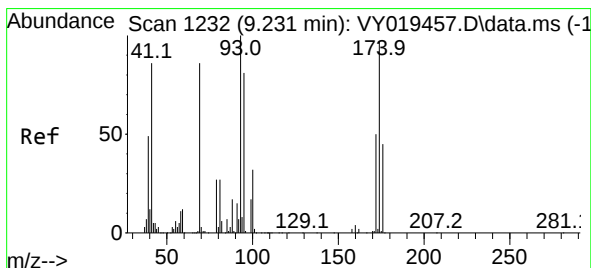
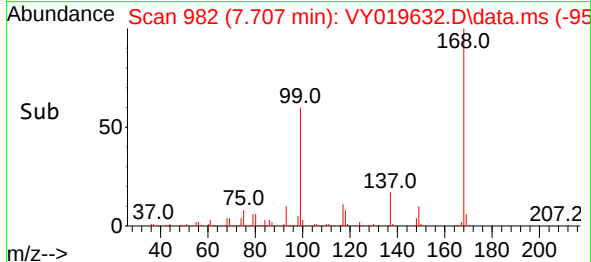
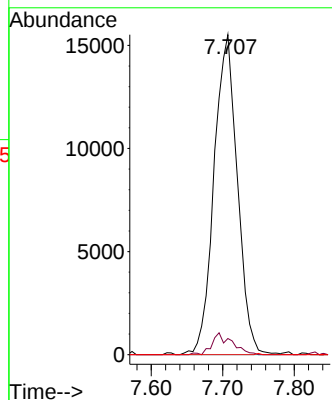


#38
Carbon Tetrachloride
Concen: 6.620 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Instrument :
MSVOA_Y
ClientSampleId :

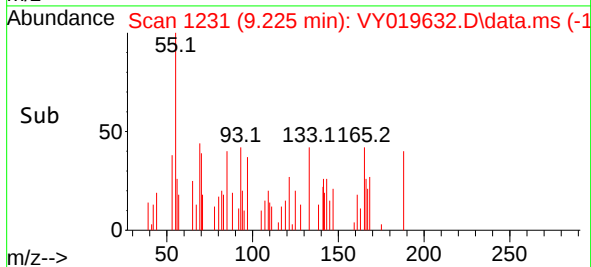
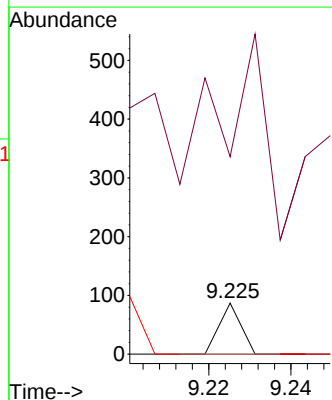
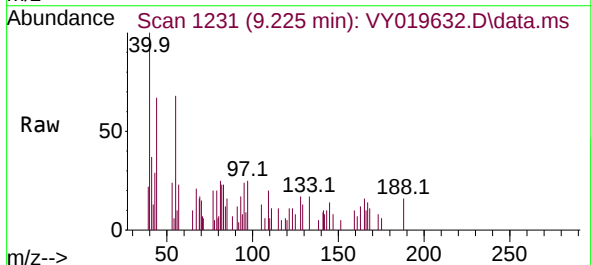


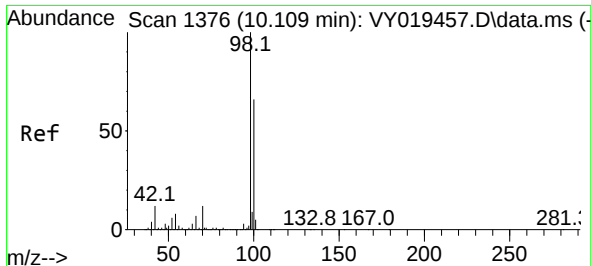
Tgt Ion:117 Resp: 35238
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.399 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.006 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 771.9 0.0 0.0#
58 0.0 49.3 73.9#

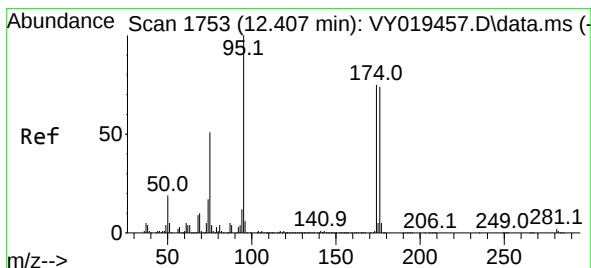
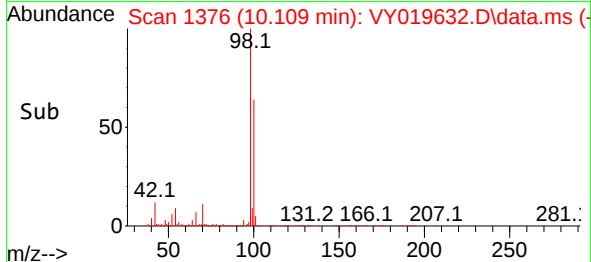
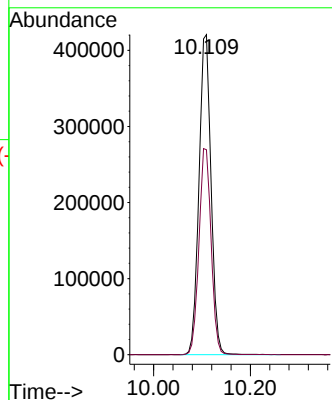
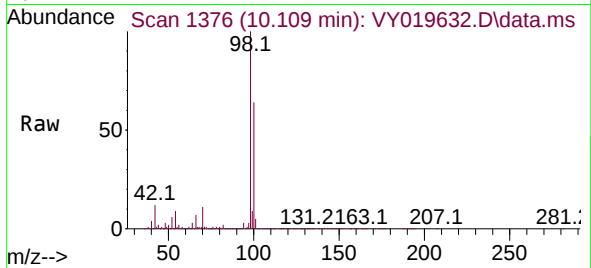




#50
Toluene-d8
Concen: 56.569 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

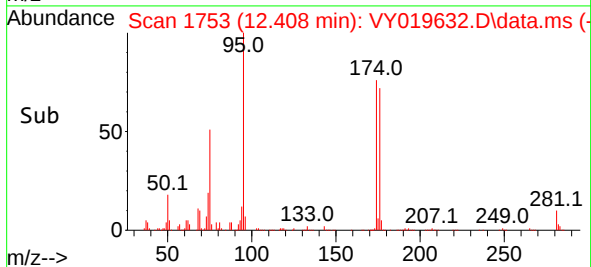
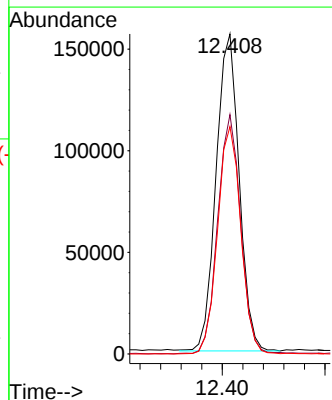
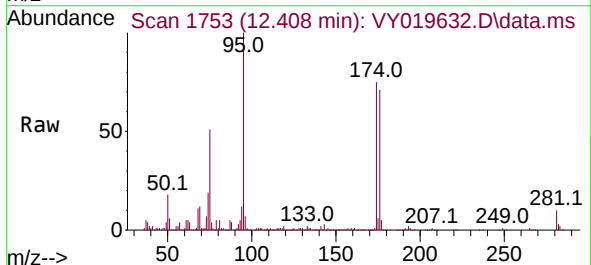
Instrument :
MSVOA_Y
ClientSampleId :

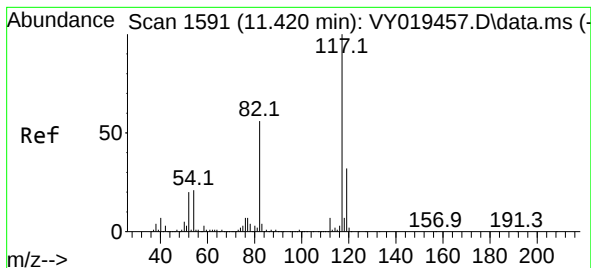
Tgt Ion: 98 Resp: 725783
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.242 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Tgt Ion: 95 Resp: 242921
Ion Ratio Lower Upper
95 100
174 75.1 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: VY019632.D

Acq: 19 Sep 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

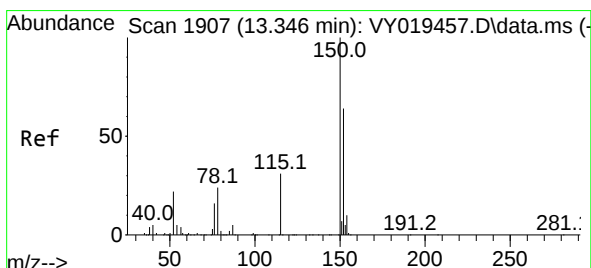
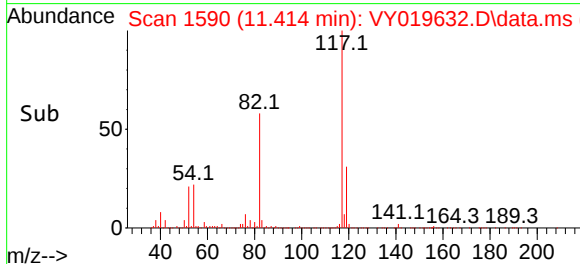
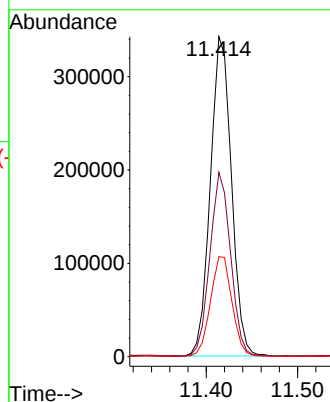
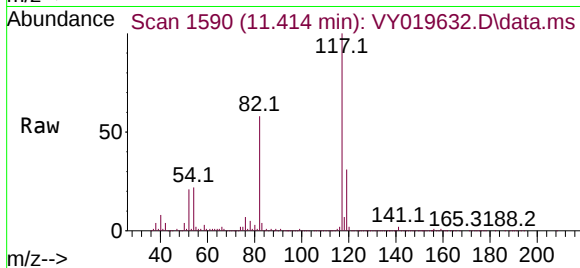
Tgt Ion:117 Resp: 549602

Ion Ratio Lower Upper

117 100

82 57.6 42.4 63.6

119 31.2 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: VY019632.D

Acq: 19 Sep 2024 14:24

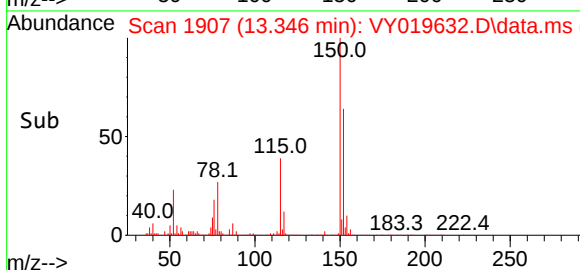
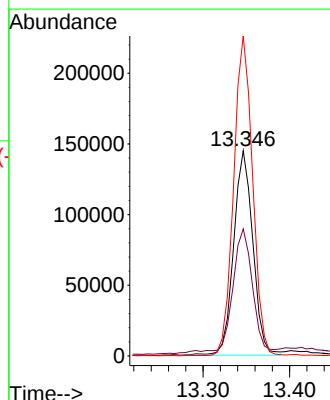
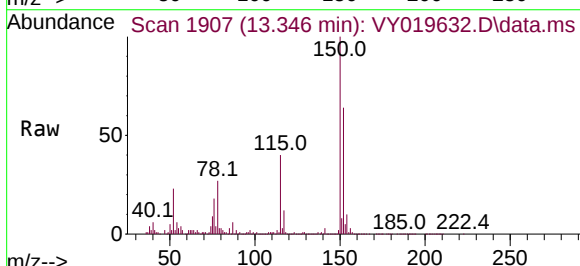
Tgt Ion:152 Resp: 222757

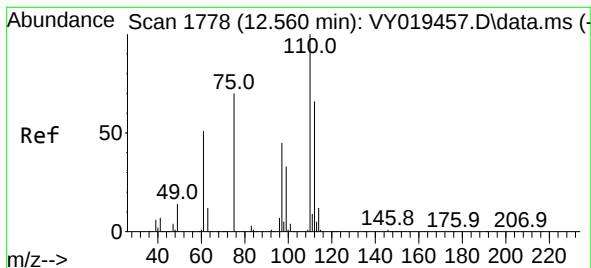
Ion Ratio Lower Upper

152 100

115 65.8 28.2 84.7

150 154.3 0.0 345.6

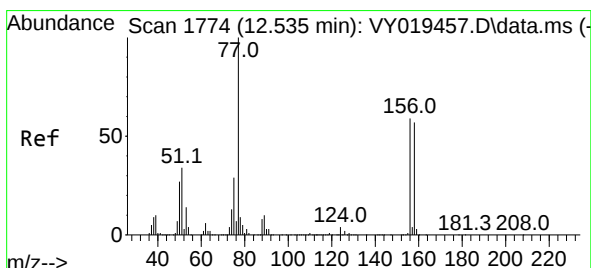
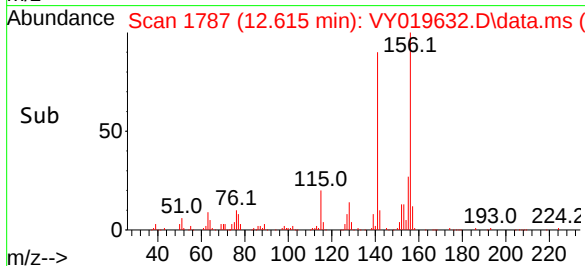
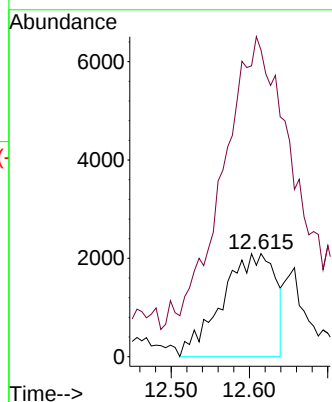
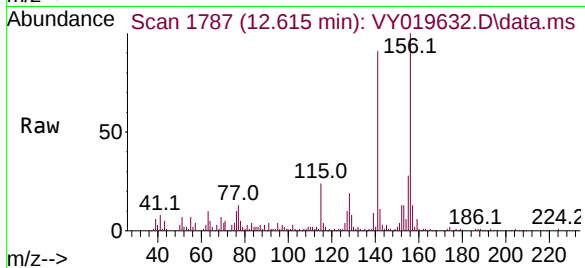




#76
1,2,3-Trichloropropane
Concen: 4.753 ug/l
RT: 12.615 min Scan# 1785
Delta R.T. 0.055 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

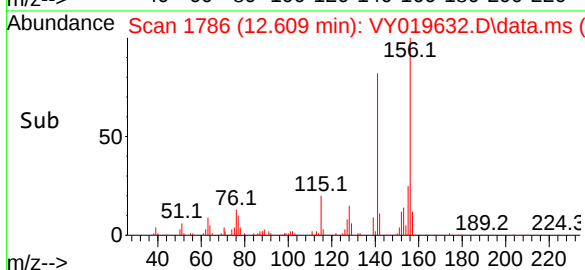
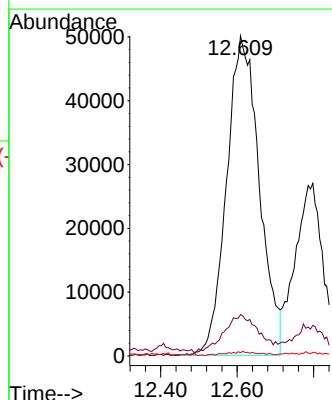
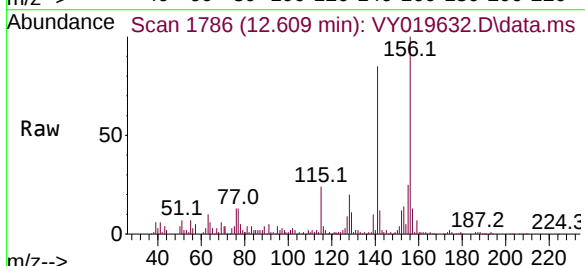
Instrument :
MSVOA_Y
ClientSampleId :

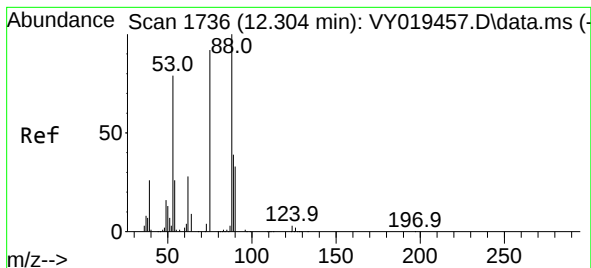
Tgt Ion: 75 Resp: 9923
Ion Ratio Lower Upper
75 100
77 378.7 0.0 0.0#



#77
Bromobenzene
Concen: 83.034 ug/l
RT: 12.609 min Scan# 1786
Delta R.T. 0.073 min
Lab File: VY019632.D
Acq: 19 Sep 2024 14:24

Tgt Ion:156 Resp: 297604
Ion Ratio Lower Upper
156 100
77 12.6 87.1 261.3#
158 0.7 48.6 145.9#

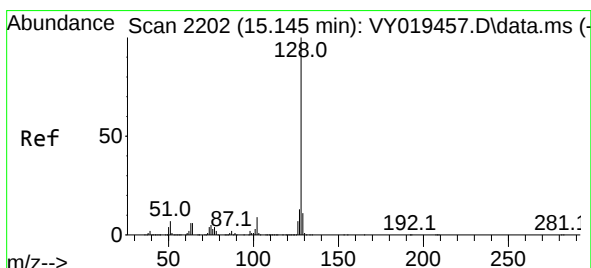
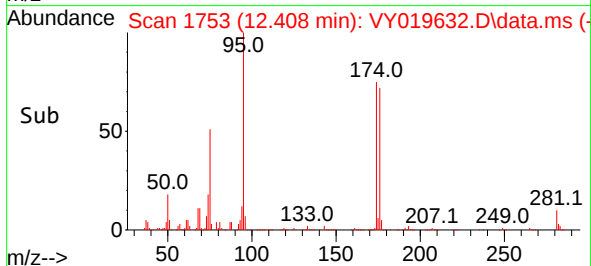
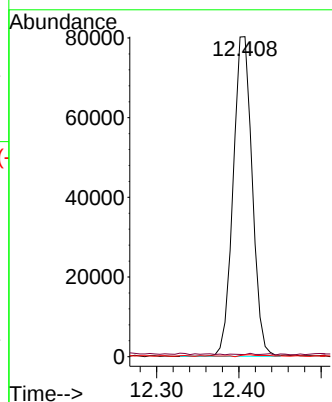
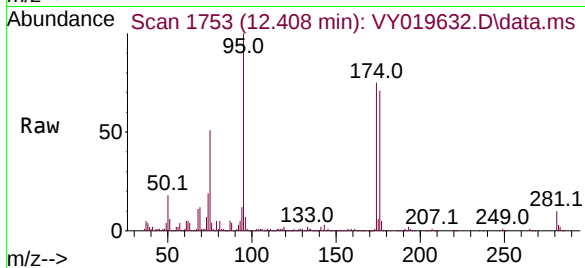




#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.862 ug/l
 RT: 12.408 min Scan# 1
 Delta R.T. 0.104 min
 Lab File: VY019632.D
 Acq: 19 Sep 2024 14:24

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 129275
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.9 35.8 53.6#



#95
 Naphthalene
 Concen: 1.903 ug/l
 RT: 15.084 min Scan# 2192
 Delta R.T. -0.061 min
 Lab File: VY019632.D
 Acq: 19 Sep 2024 14:24

Tgt Ion: 128 Resp: 14405
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.6 16.0
 129 39.4 8.6 13.0#

