

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019696.D
 Acq On : 25 Sep 2024 15:38
 Operator : SY/MD
 Sample : P4178-04
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:01:31 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)

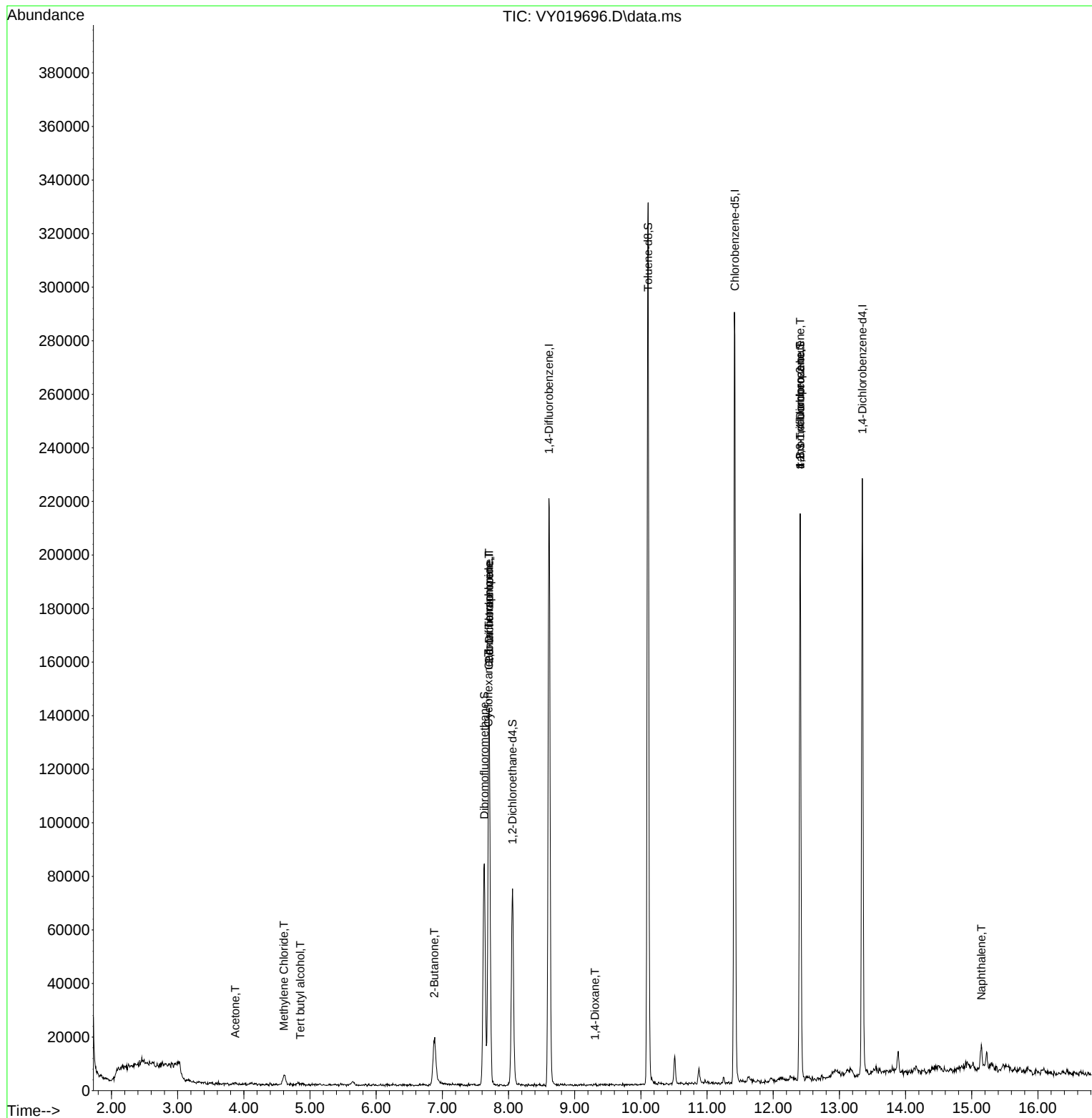
Internal Standards						
1) Pentafluorobenzene	7.707	168	107731	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	192302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	153567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	57255	57.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.780%	
35) Dibromofluoromethane	7.634	113	60777	55.743	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.480%	
50) Toluene-d8	10.109	98	216789	53.756	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.408	95	63908	41.214	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.854	59	229	2.843	ug/l #	88
13) Acrolein	3.659	56	43	Below Cal	#	12
16) Acetone	3.873	43	544	2.289	ug/l #	63
20) Methylene Chloride	4.604	84	2789	2.573	ug/l #	86
25) 2-Butanone	6.878	43	1511	4.470	ug/l #	41
31) Cyclohexane	7.695	56	2792	1.564	ug/l #	33
36) 1,1-Dichloropropene	7.707	75	9404	6.339	ug/l #	51
38) Carbon Tetrachloride	7.701	117	11821	7.066	ug/l #	14
49) 1,4-Dioxane	9.304	88	35	4.867	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	34216	68.421	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	34216	131.348	ug/l #	16
95) Naphthalene	15.145	128	5834	3.218	ug/l #	93

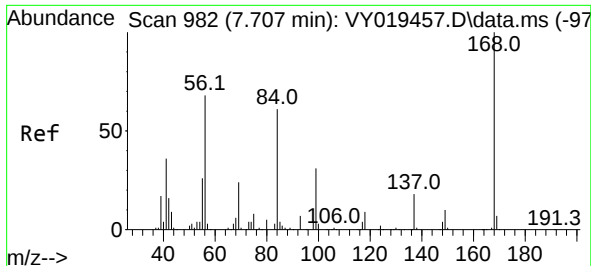
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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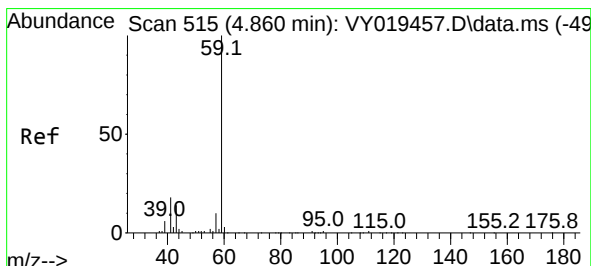
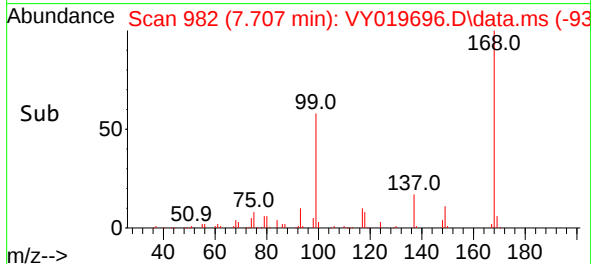
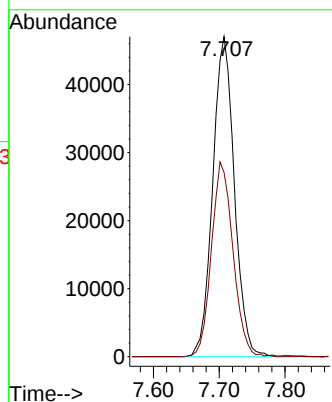
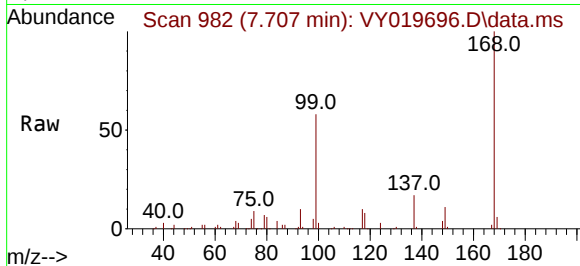




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

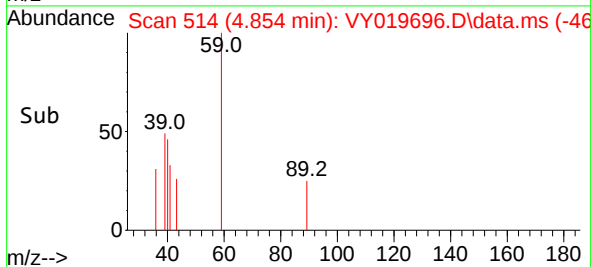
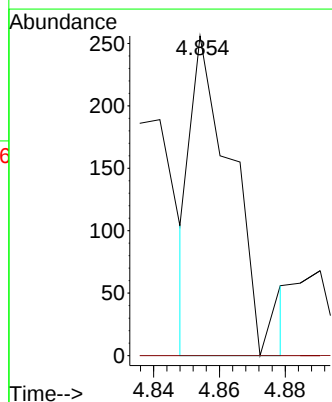
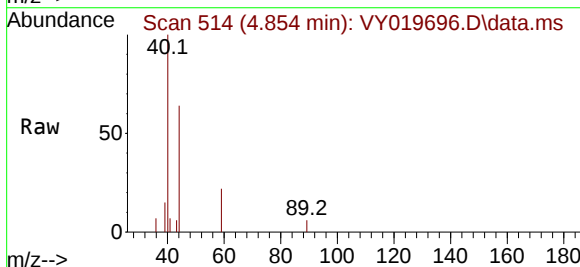
Instrument :
MSVOA_Y
ClientSampleId :

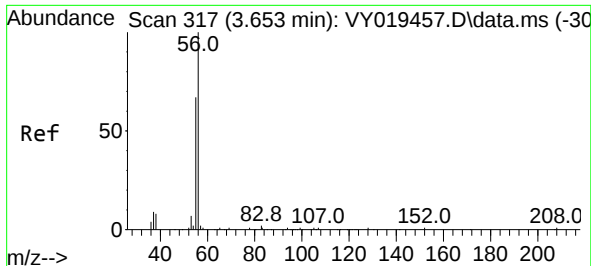
Tgt Ion:168 Resp: 107731
Ion Ratio Lower Upper
168 100
99 57.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.843 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019696.D

Acq: 25 Sep 2024 15:38

Instrument :

MSVOA_Y

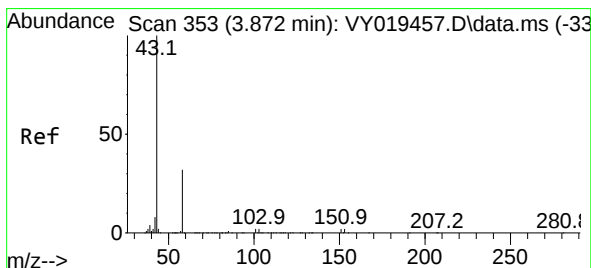
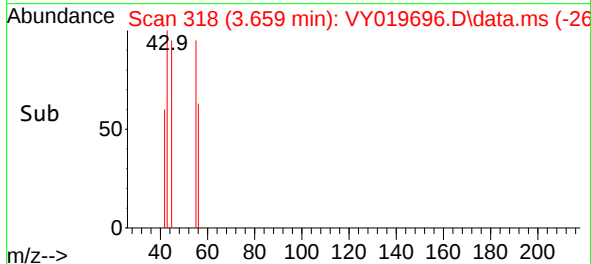
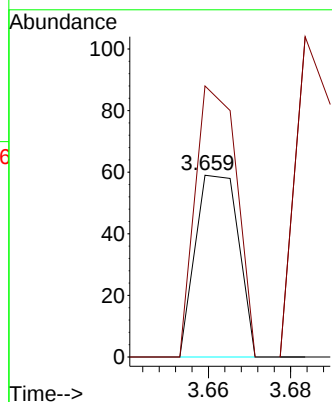
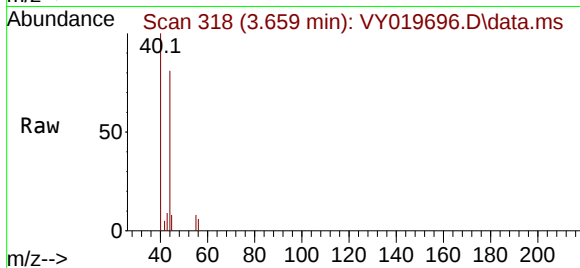
ClientSampleId :

Tgt Ion: 56 Resp: 43

Ion Ratio Lower Upper

56 100

55 141.9 55.7 83.5#



#16

Acetone

Concen: 2.289 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY019696.D

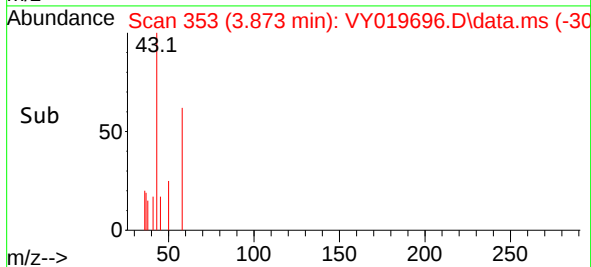
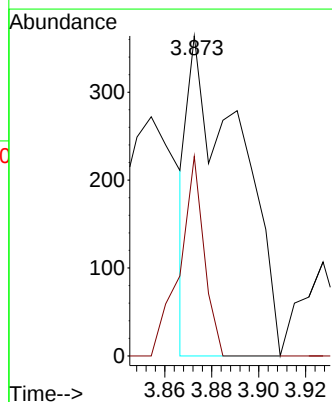
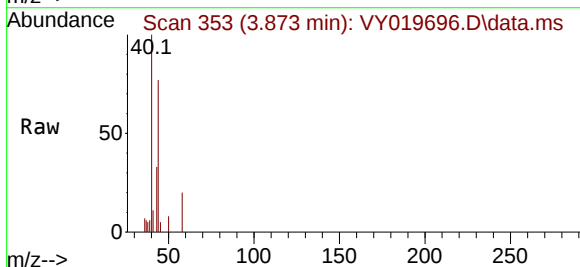
Acq: 25 Sep 2024 15:38

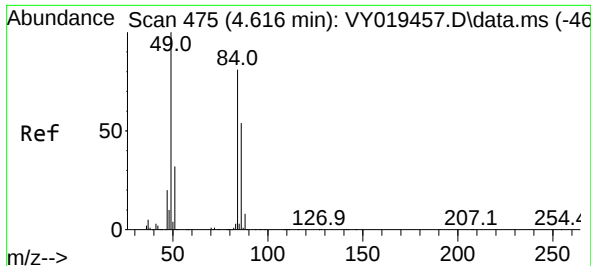
Tgt Ion: 43 Resp: 544

Ion Ratio Lower Upper

43 100

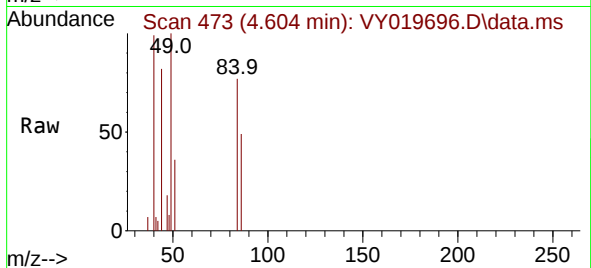
58 62.4 31.7 47.5#



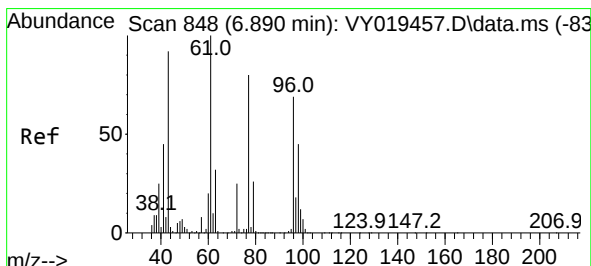
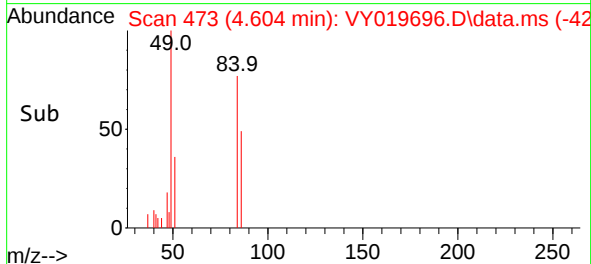
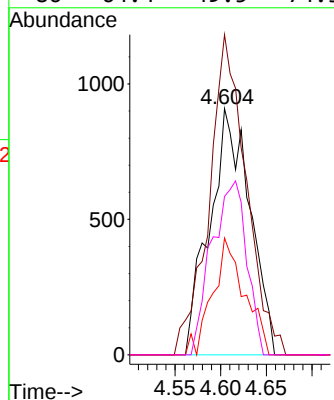


#20
Methylene Chloride
Concen: 2.573 ug/l
RT: 4.604 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

Instrument :
MSVOA_Y
ClientSampleId :

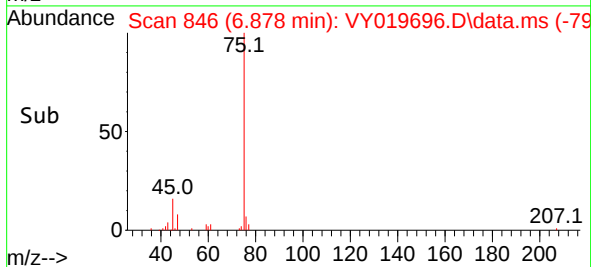
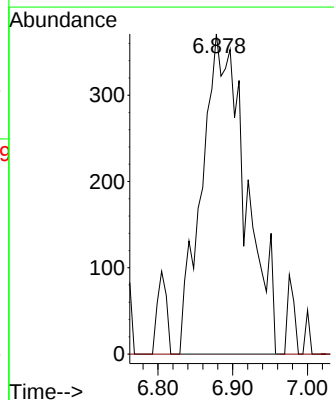
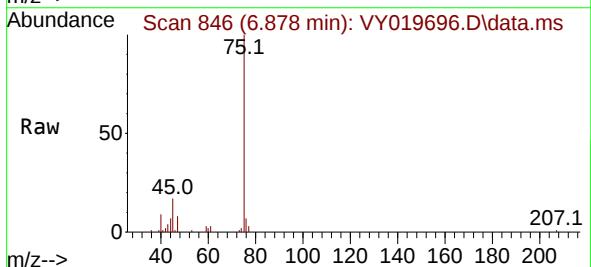


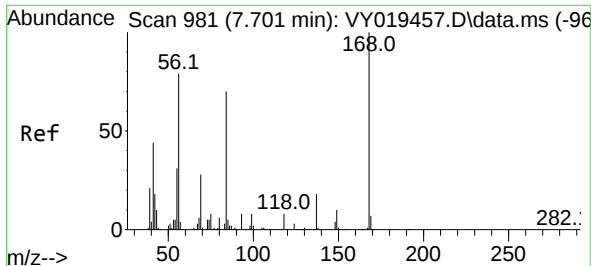
Tgt Ion:	84	Resp:	2789
Ion	Ratio	Lower	Upper
84	100		
49	122.0	84.4	126.6
51	47.4	26.0	39.0#
86	64.4	49.5	74.3



#25
2-Butanone
Concen: 4.470 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

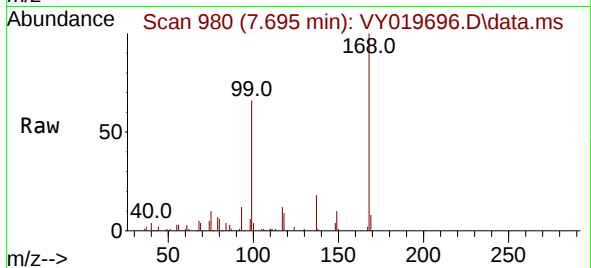
Tgt Ion:	43	Resp:	1511
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



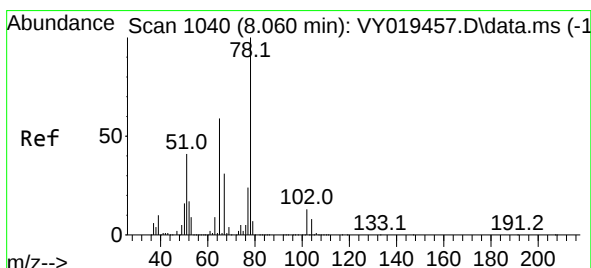
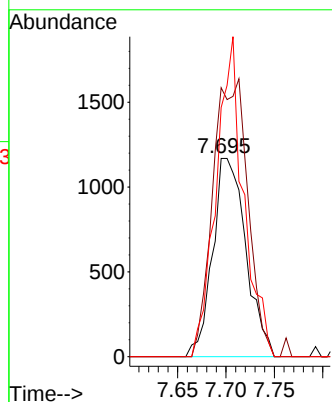
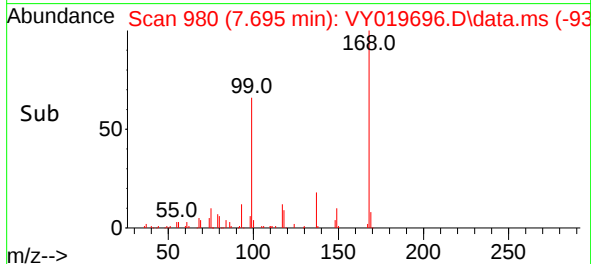


#31
Cyclohexane
Concen: 1.564 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

Instrument :
MSVOA_Y
ClientSampleId :

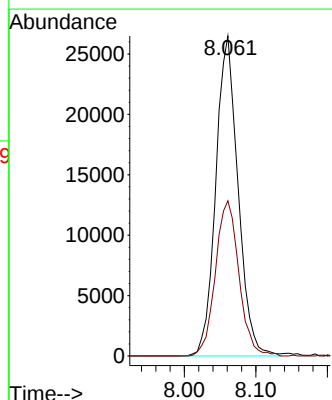
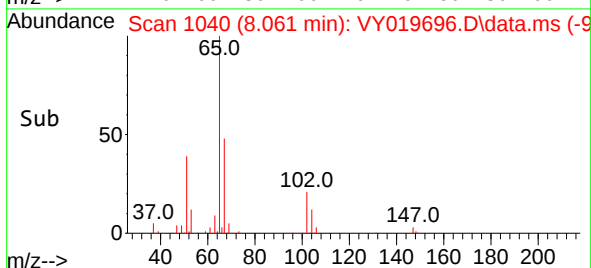
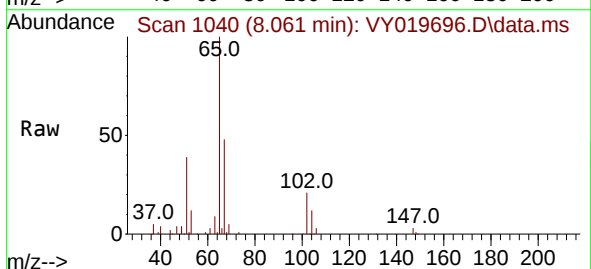


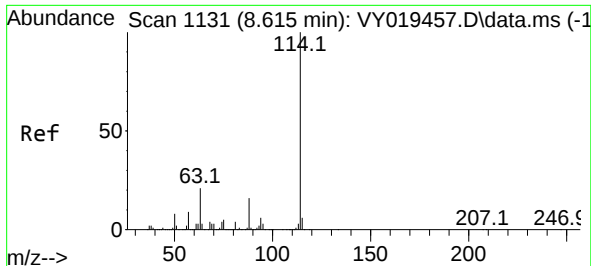
Tgt Ion: 56 Resp: 2792
Ion Ratio Lower Upper
56 100
69 135.7 28.7 43.1#
84 125.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.395 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

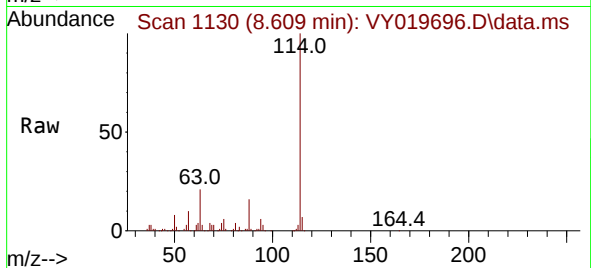
Tgt Ion: 65 Resp: 57255
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.6



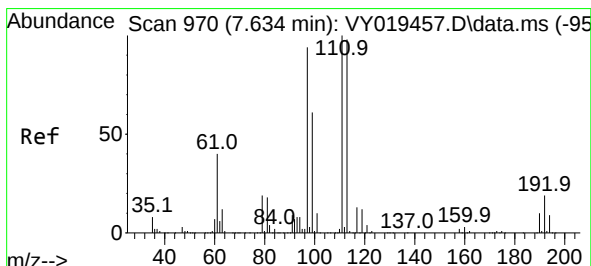
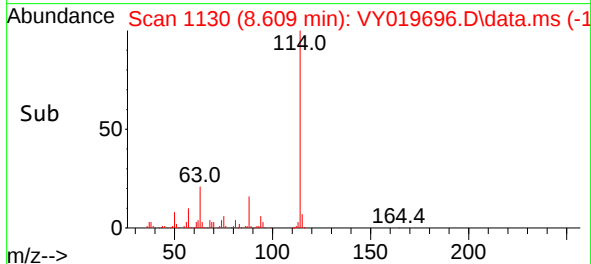
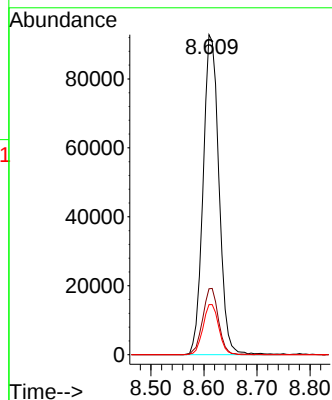


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

Instrument :
MSVOA_Y
ClientSampleId :

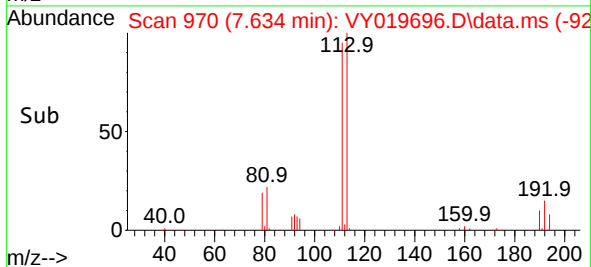
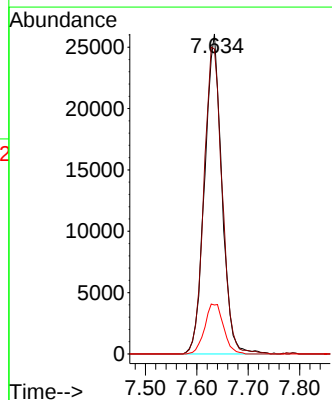
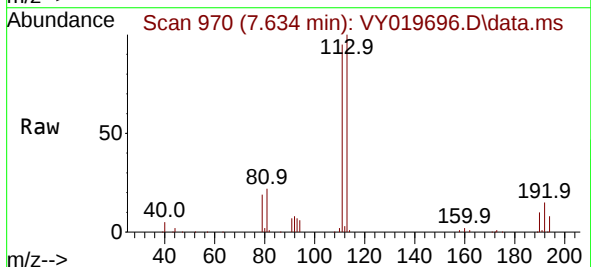


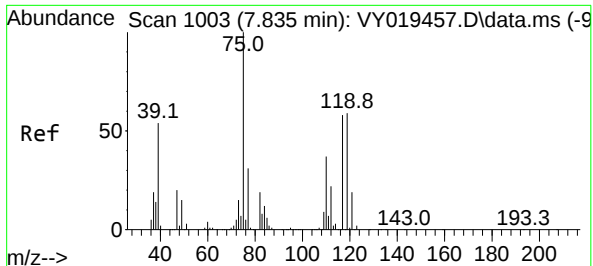
Tgt Ion:114 Resp: 192302
Ion Ratio Lower Upper
114 100
63 20.6 0.0 35.0
88 15.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.743 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

Tgt Ion:113 Resp: 60777
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 17.1 15.9 23.9

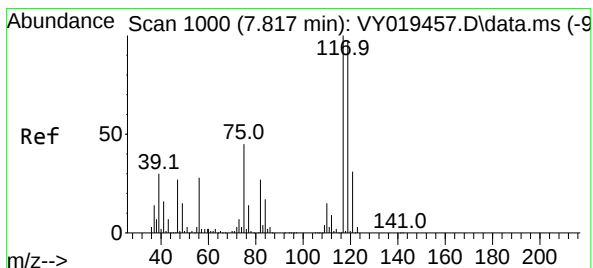
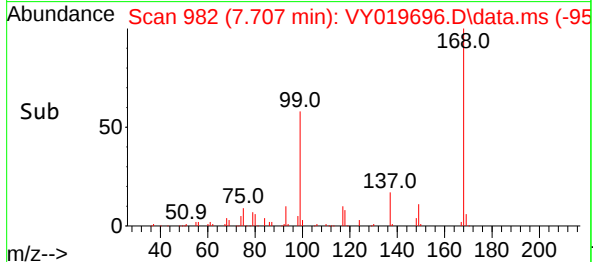
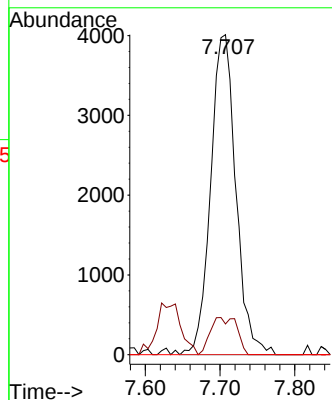
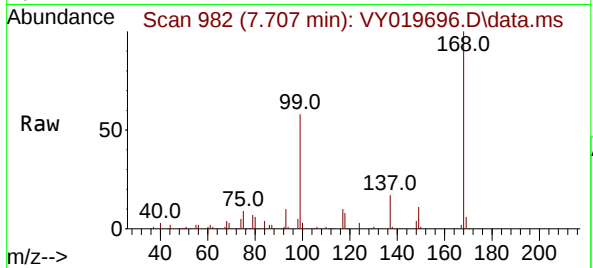




#36
1,1-Dichloropropene
Concen: 6.339 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

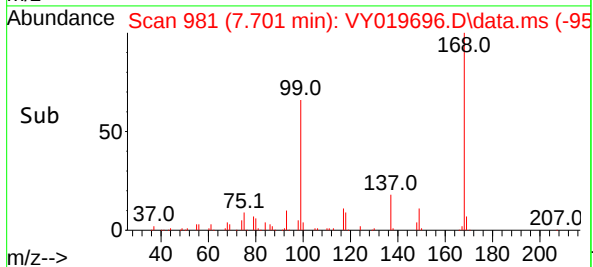
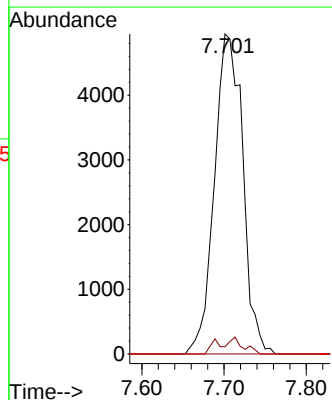
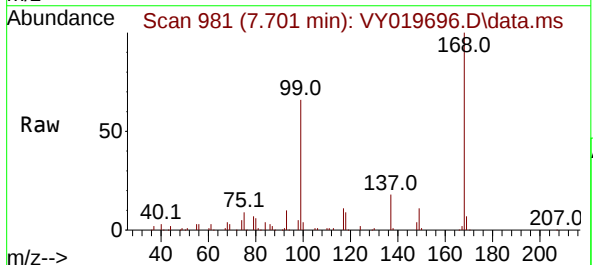
Instrument :
MSVOA_Y
ClientSampleId :

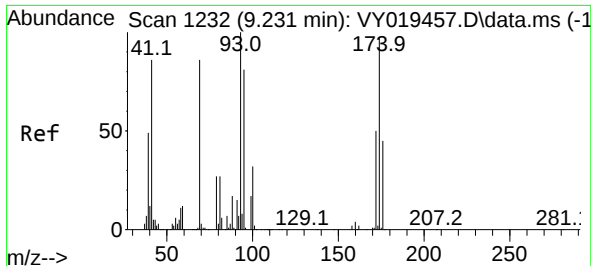
Tgt Ion: 75 Resp: 9404
Ion Ratio Lower Upper
75 100
110 12.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.066 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

Tgt Ion: 117 Resp: 11821
Ion Ratio Lower Upper
117 100
119 2.2 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 4.867 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.073 min

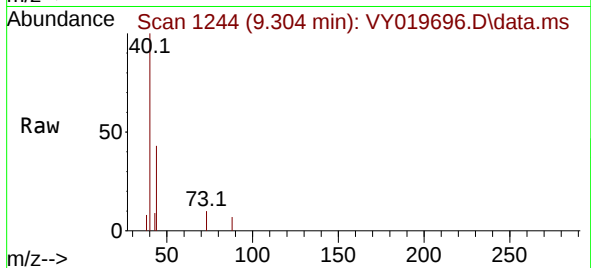
Lab File: VY019696.D

Acq: 25 Sep 2024 15:38

Instrument :

MSVOA_Y

ClientSampleId :



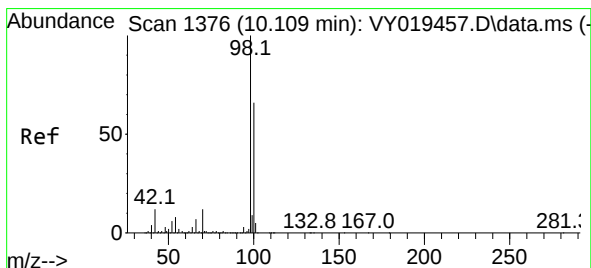
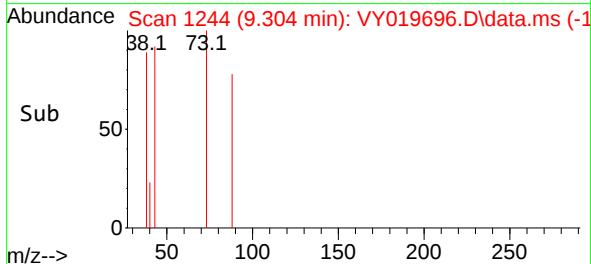
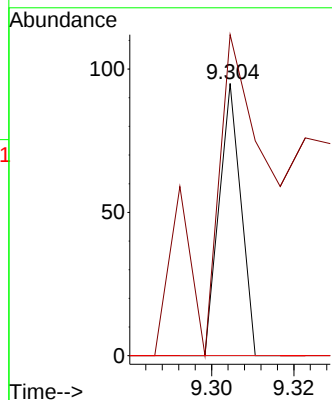
Tgt Ion: 88 Resp: 35

Ion Ratio Lower Upper

88 100

43 474.3 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 53.756 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019696.D

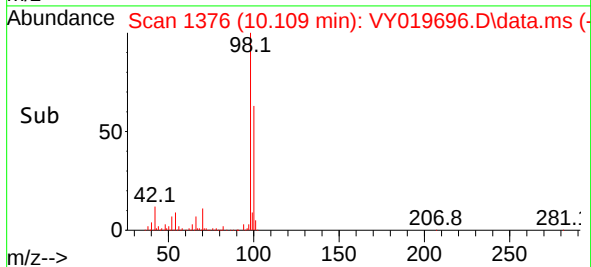
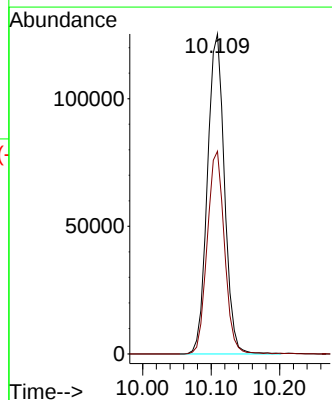
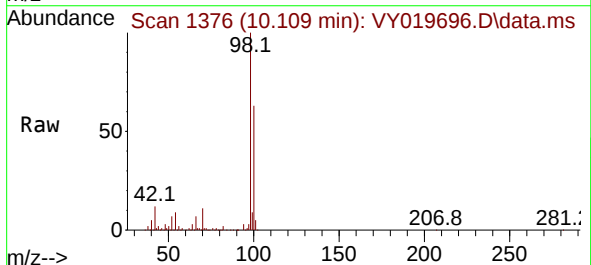
Acq: 25 Sep 2024 15:38

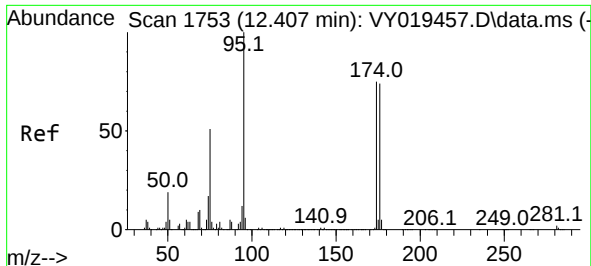
Tgt Ion: 98 Resp: 216789

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

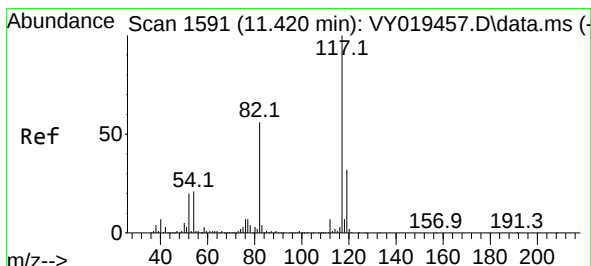
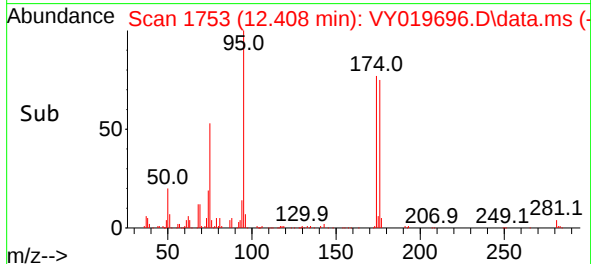
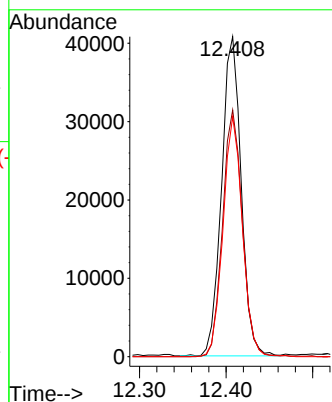
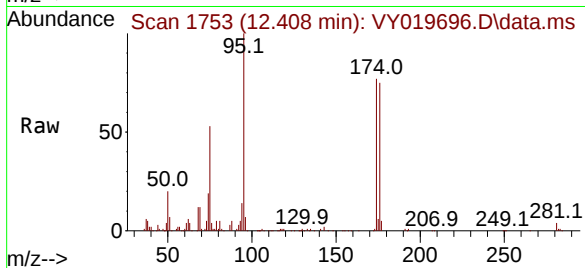




#62
4-Bromofluorobenzene
Concen: 41.214 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

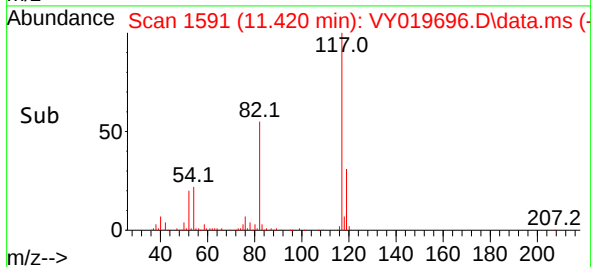
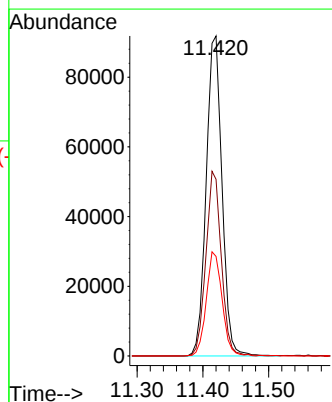
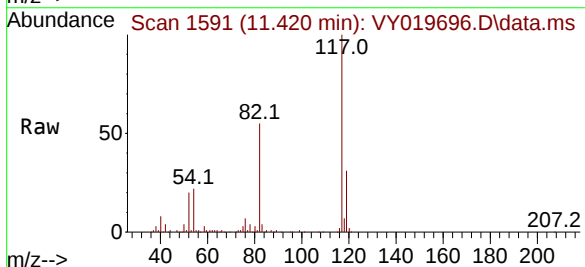
Instrument :
MSVOA_Y
ClientSampleId :

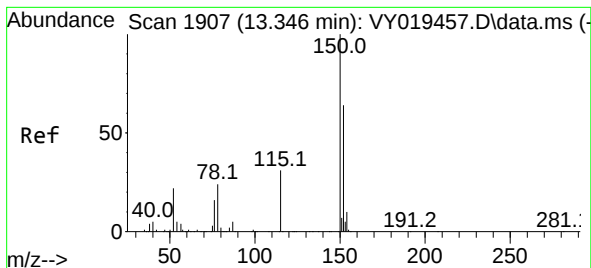
Tgt Ion: 95 Resp: 63908
Ion Ratio Lower Upper
95 100
174 78.0 0.0 175.6
176 74.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019696.D
Acq: 25 Sep 2024 15:38

Tgt Ion: 117 Resp: 153567
Ion Ratio Lower Upper
117 100
82 55.2 42.4 63.6
119 31.1 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: VY019696.D

Acq: 25 Sep 2024 15:38

Instrument :

MSVOA_Y

ClientSampleId :

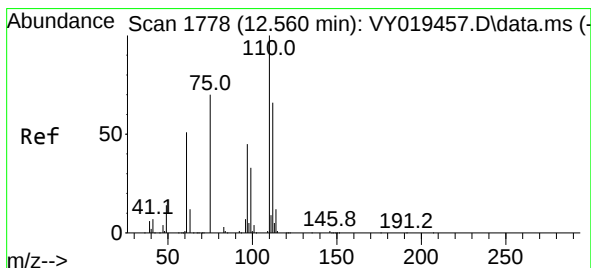
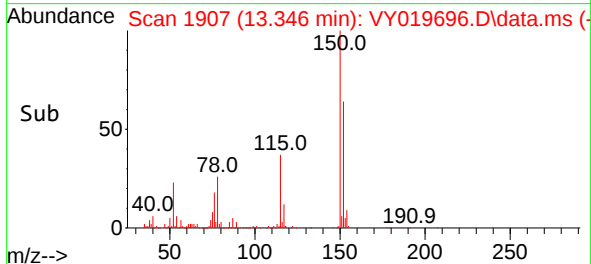
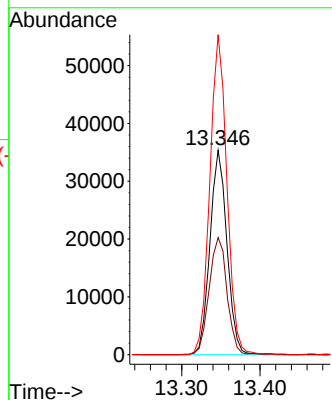
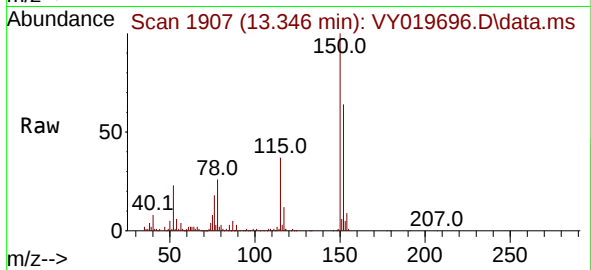
Tgt Ion:152 Resp: 53354

Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 68.421 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019696.D

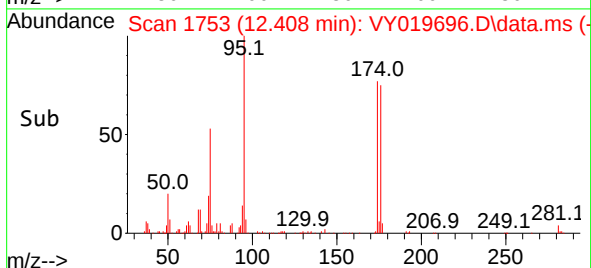
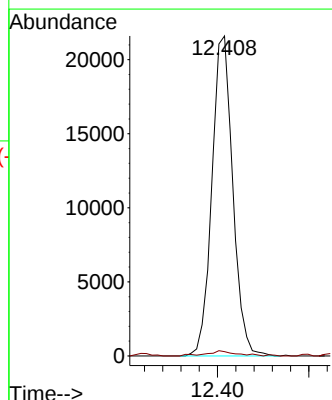
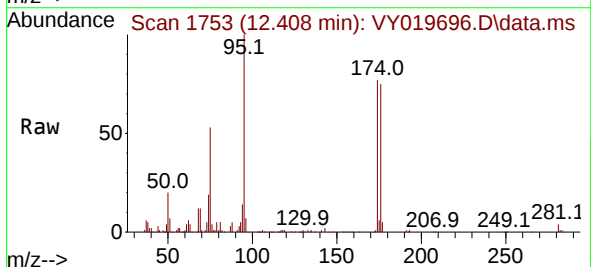
Acq: 25 Sep 2024 15:38

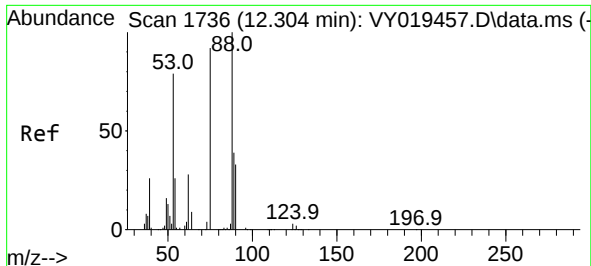
Tgt Ion: 75 Resp: 34216

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#

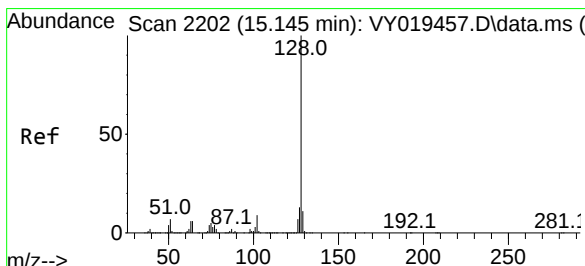
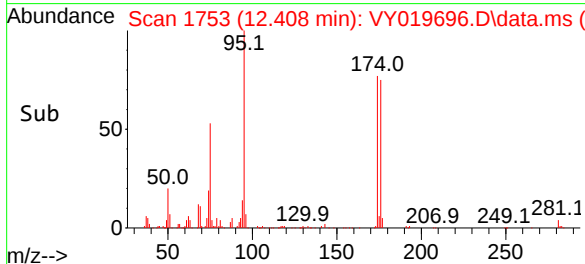
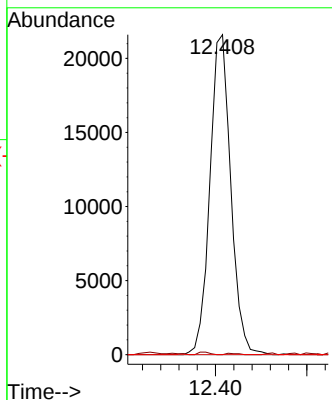
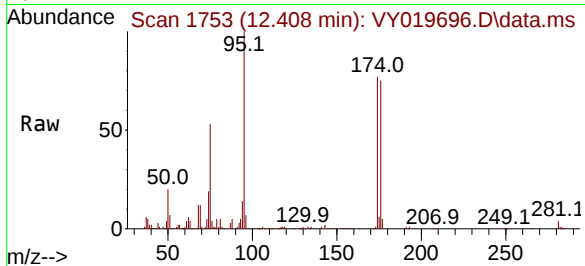




#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.348 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019696.D
 Acq: 25 Sep 2024 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 34216
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.0 35.8 53.6#



#95
 Naphthalene
 Concen: 3.218 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: VY019696.D
 Acq: 25 Sep 2024 15:38

Tgt Ion: 128 Resp: 5834
 Ion Ratio Lower Upper
 128 100
 127 14.7 10.6 16.0
 129 15.4 8.6 13.0#

