

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019676.D
 Acq On : 24 Sep 2024 12:47
 Operator : SY/MD
 Sample : P4149-13
 Misc : 2.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:23:56 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)

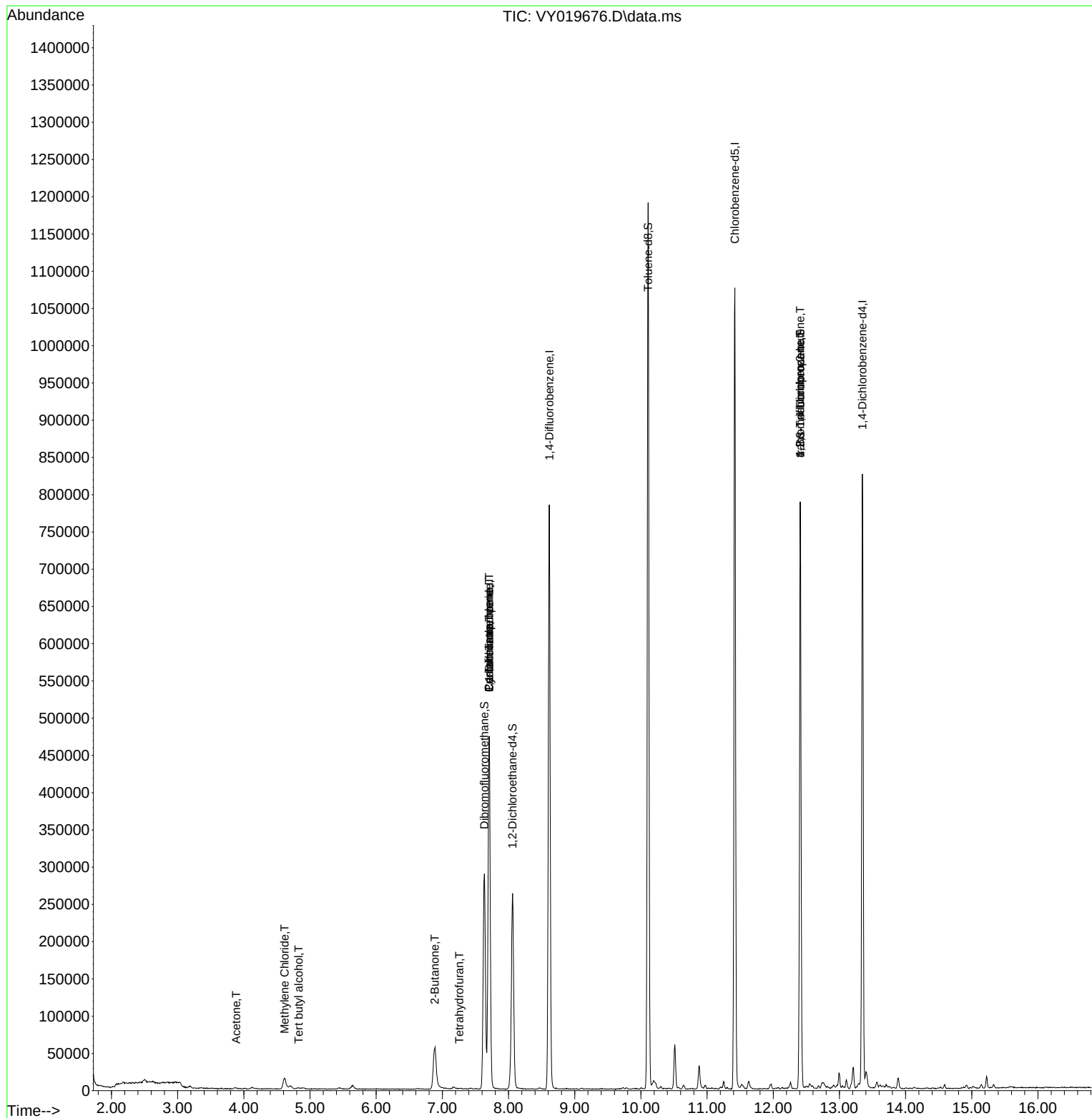
Internal Standards						
1) Pentafluorobenzene	7.707	168	353103	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	656918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	569179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	200763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	201496	61.626	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.260%	
35) Dibromofluoromethane	7.634	113	209168	56.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.320%	
50) Toluene-d8	10.109	98	771967	56.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.080%	
62) 4-Bromofluorobenzene	12.408	95	241862	45.659	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	154	Below Cal	80	
11) Tert butyl alcohol	4.830	59	1179	4.465	ug/l	99
13) Acrolein	3.653	56	21	Below Cal	#	1
16) Acetone	3.885	43	3285	4.217	ug/l	# 64
20) Methylene Chloride	4.616	84	10386	2.924	ug/l	# 84
25) 2-Butanone	6.884	43	3987	3.599	ug/l	# 56
29) Tetrahydrofuran	7.256	42	790	1.173	ug/l	# 45
31) Cyclohexane	7.707	56	8658	1.480	ug/l	# 9
36) 1,1-Dichloropropene	7.707	75	31274	6.171	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	38072	6.661	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	129764	68.960	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	129764	132.383	ug/l	# 16

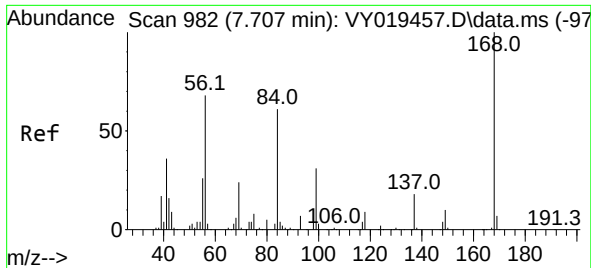
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
Data File : VY019676.D
Acq On : 24 Sep 2024 12:47
Operator : SY/MD
Sample : P4149-13
Misc : 2.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 25 01:23:56 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

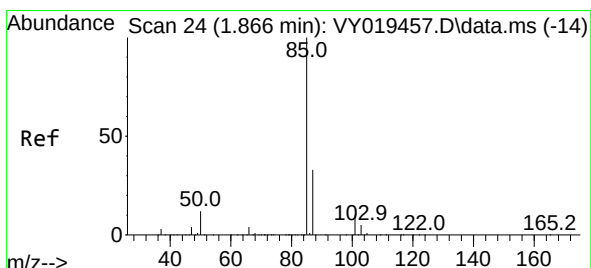
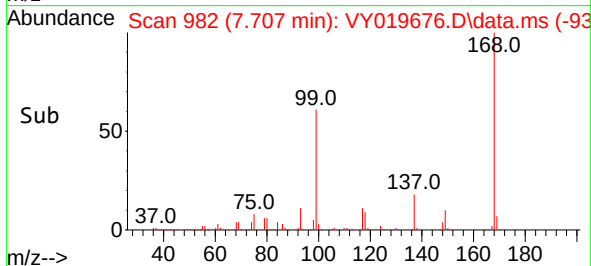
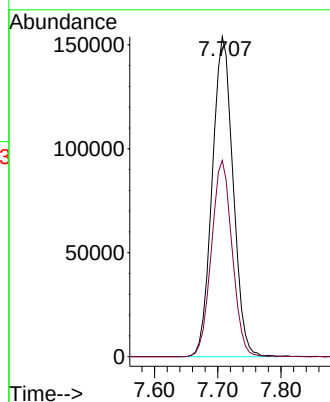
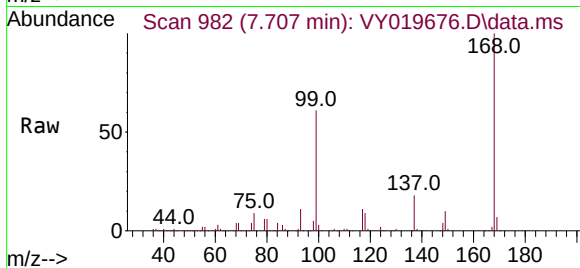




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

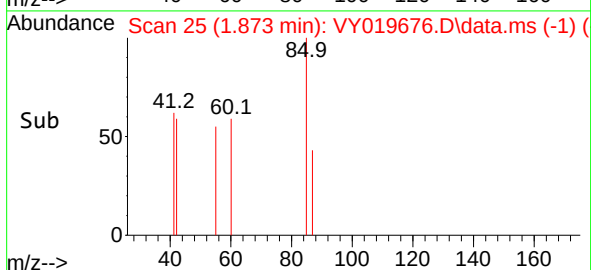
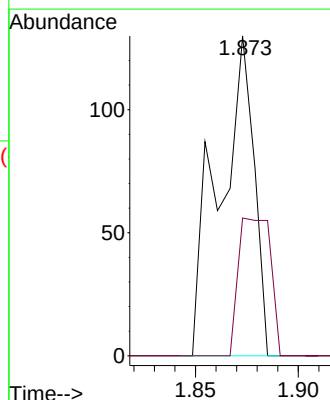
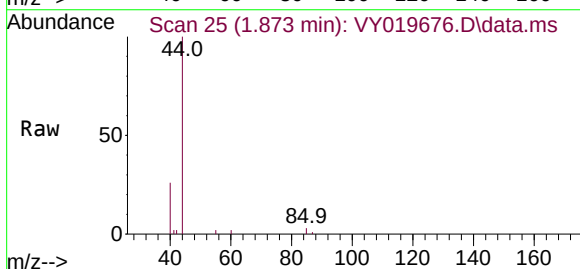
Instrument :
MSVOA_Y
ClientSampleId :

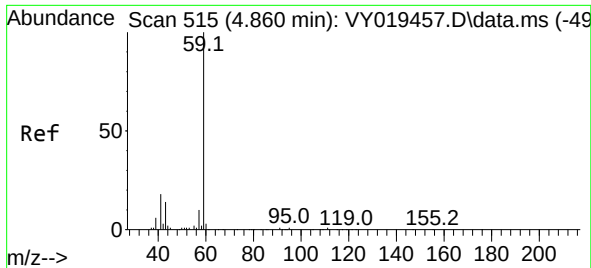
Tgt Ion:168 Resp: 353103
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

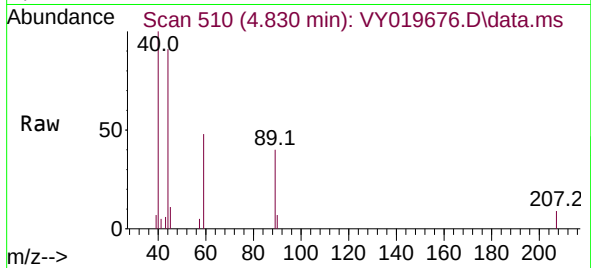
Tgt Ion: 85 Resp: 154
Ion Ratio Lower Upper
85 100
87 43.1 16.0 48.0



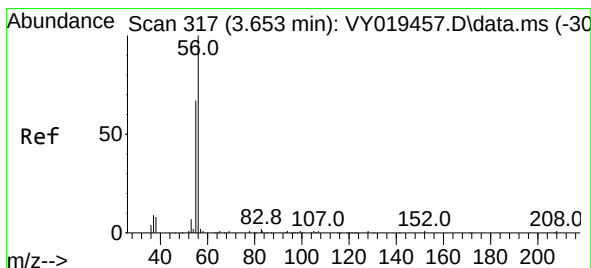
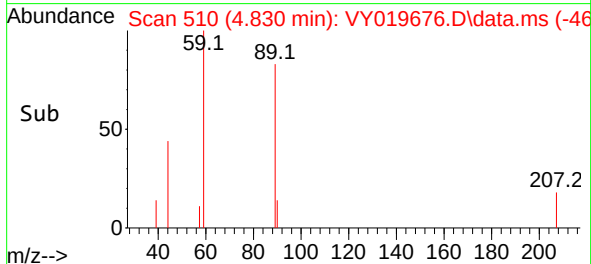
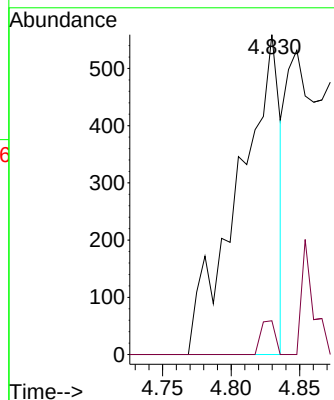


#11
Tert butyl alcohol
Concen: 4.465 ug/l
RT: 4.830 min Scan# 515
Delta R.T. -0.030 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

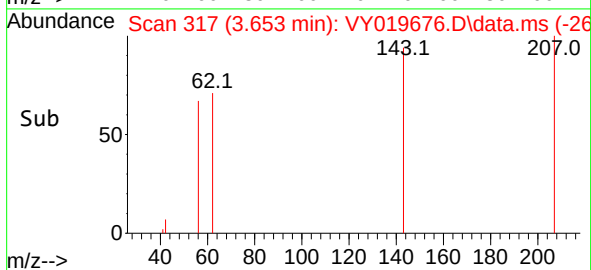
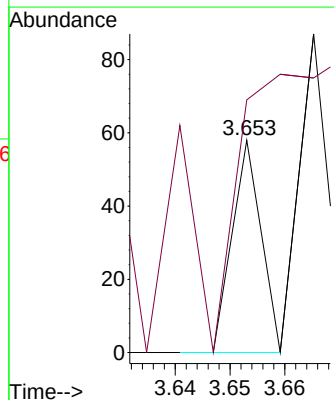
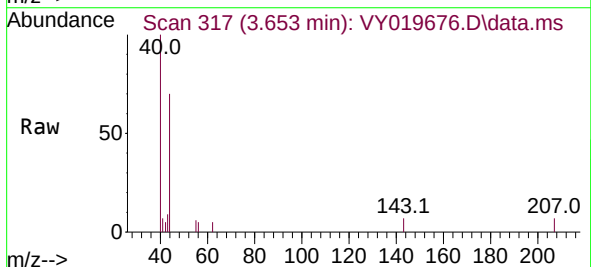


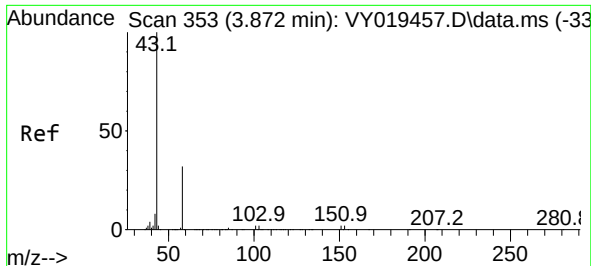
Tgt Ion: 59 Resp: 1179
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.6



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 638.1 55.7 83.5#





#16

Acetone

Concen: 4.217 ug/l

RT: 3.885 min Scan# 31

Delta R.T. 0.013 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

Instrument :

MSVOA_Y

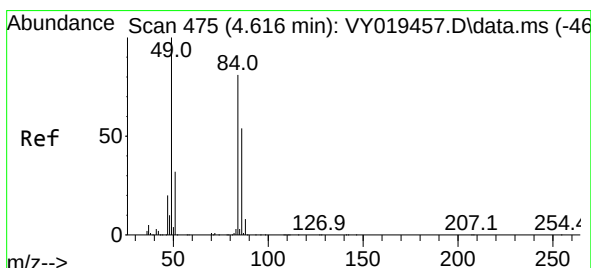
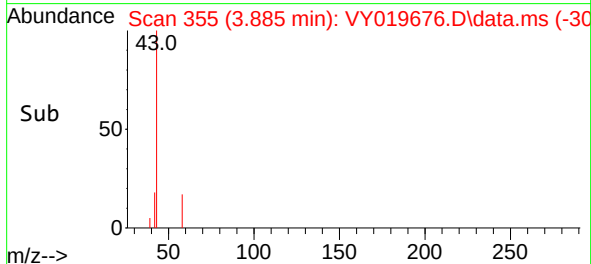
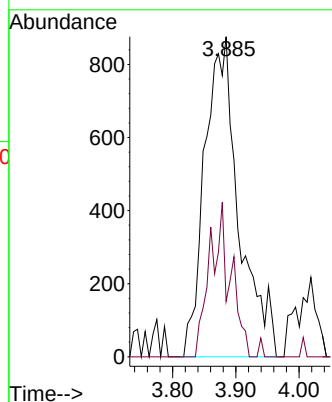
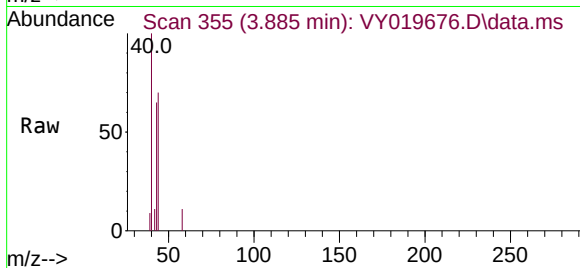
ClientSampleId :

Tgt Ion: 43 Resp: 3285

Ion Ratio Lower Upper

43 100

58 17.4 31.7 47.5#



#20

Methylene Chloride

Concen: 2.924 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

Tgt Ion: 84 Resp: 10386

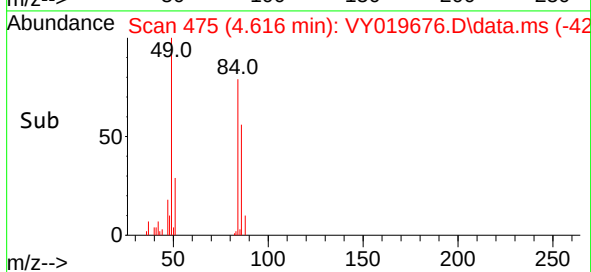
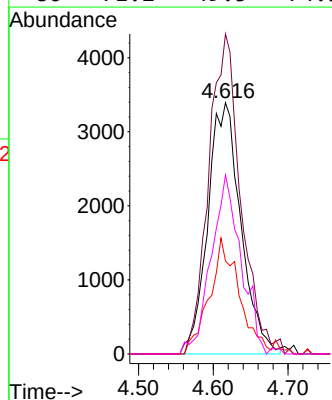
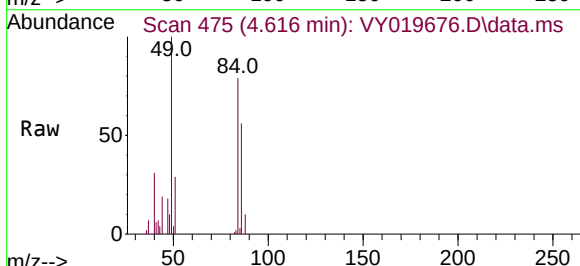
Ion Ratio Lower Upper

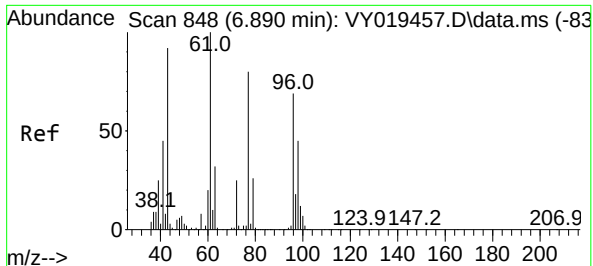
84 100

49 127.4 84.4 126.6#

51 37.0 26.0 39.0

86 71.2 49.5 74.3





#25

2-Butanone

Concen: 3.599 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

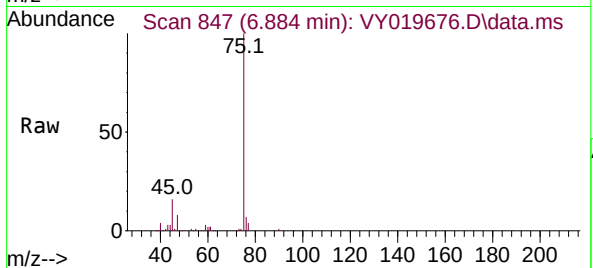
Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

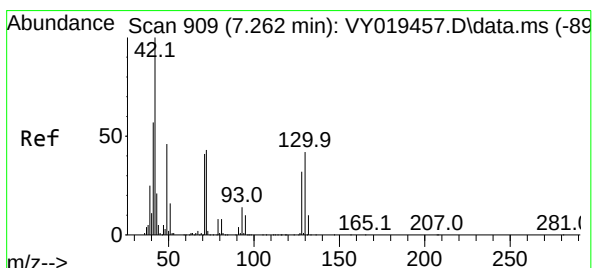
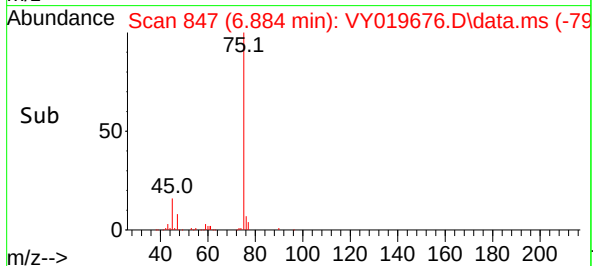
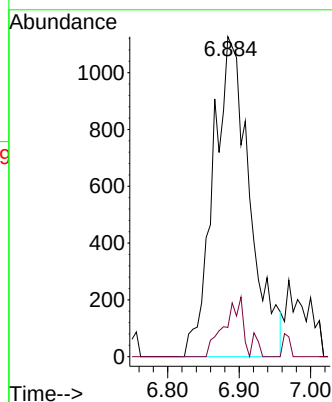


Tgt Ion: 43 Resp: 3987

Ion Ratio Lower Upper

43 100

72 9.1 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.173 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

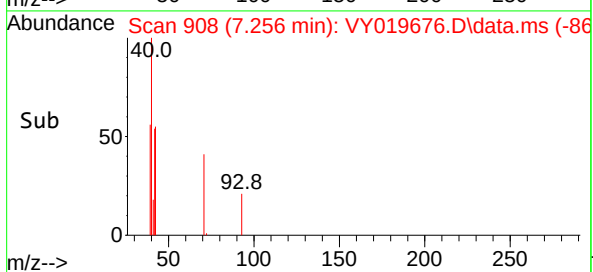
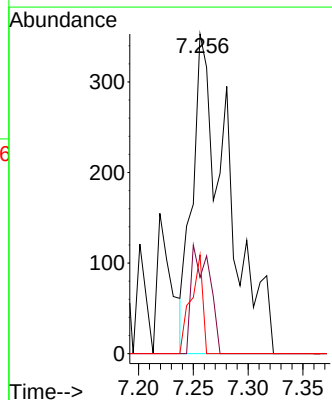
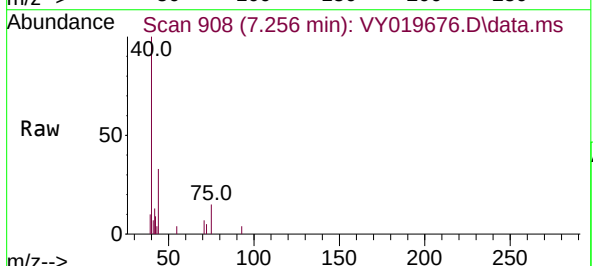
Tgt Ion: 42 Resp: 790

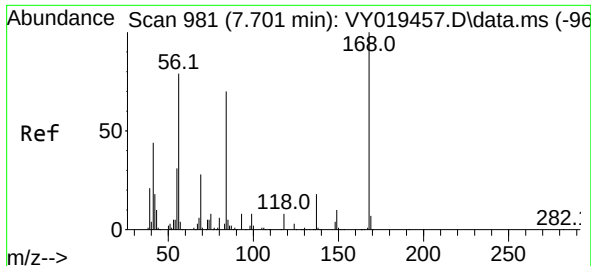
Ion Ratio Lower Upper

42 100

72 17.3 43.0 64.4#

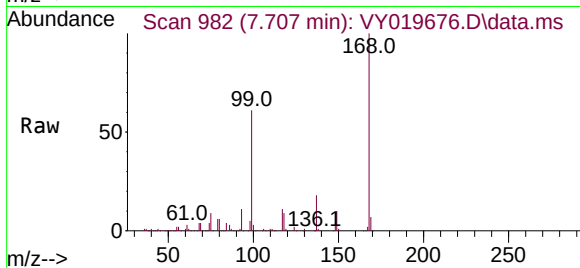
71 10.4 40.8 61.2#



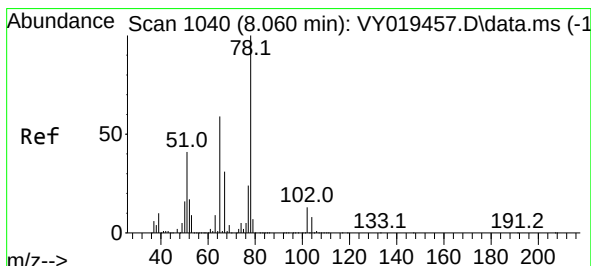
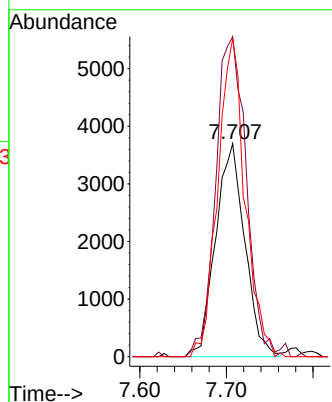
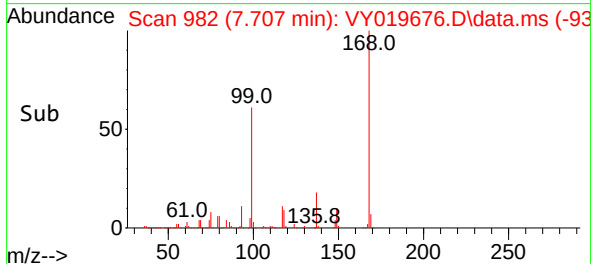


#31
Cyclohexane
Concen: 1.480 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

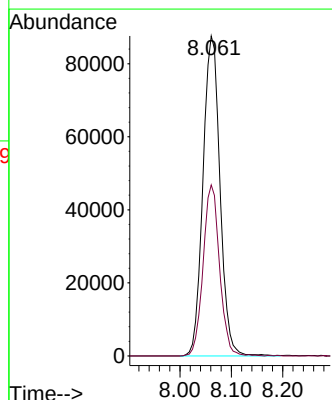
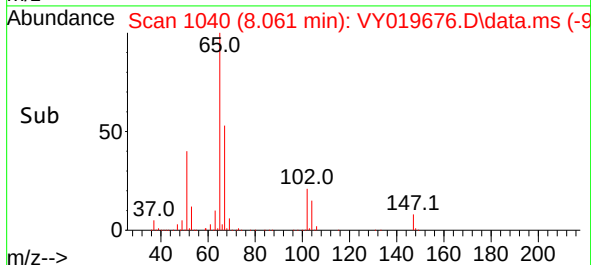
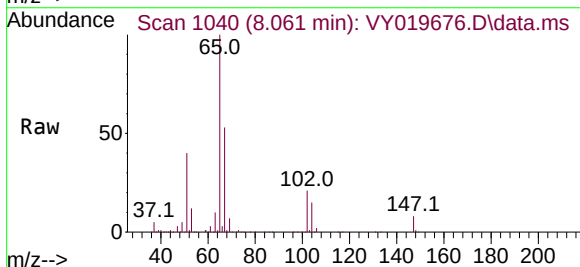


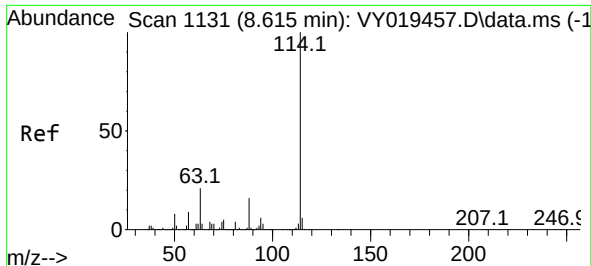
Tgt Ion: 56 Resp: 8658
Ion Ratio Lower Upper
56 100
69 150.3 28.7 43.1#
84 149.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 61.626 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Tgt Ion: 65 Resp: 201496
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

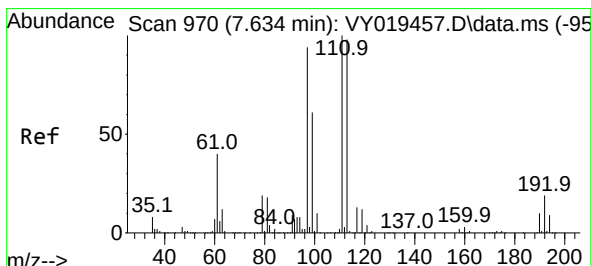
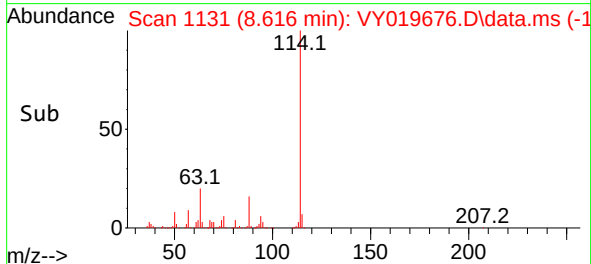
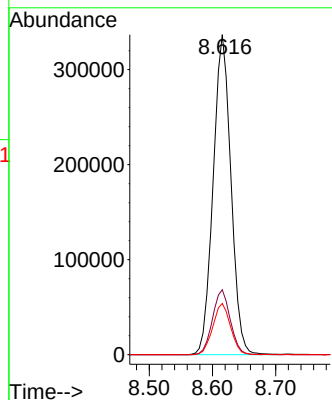
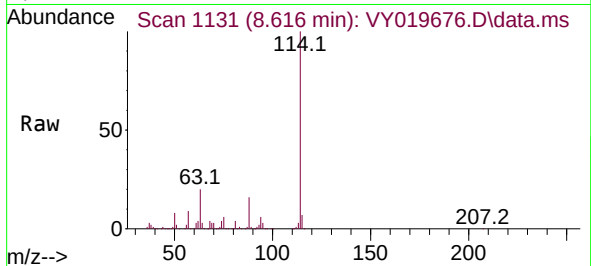




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

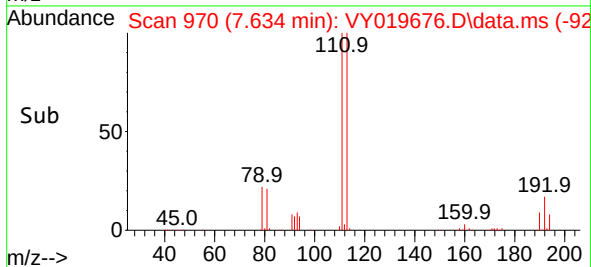
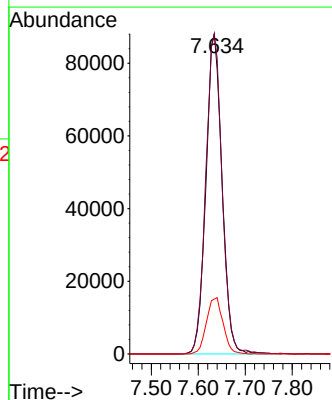
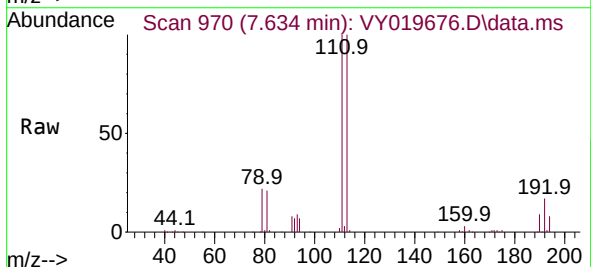
Instrument :
MSVOA_Y
ClientSampleId :

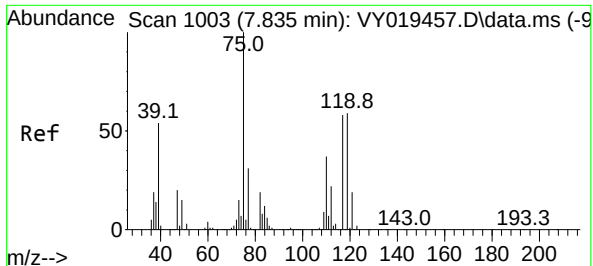
Tgt Ion:114 Resp: 656918
Ion Ratio Lower Upper
114 100
63 20.3 0.0 35.0
88 16.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 56.158 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Tgt Ion:113 Resp: 209168
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 18.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.171 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

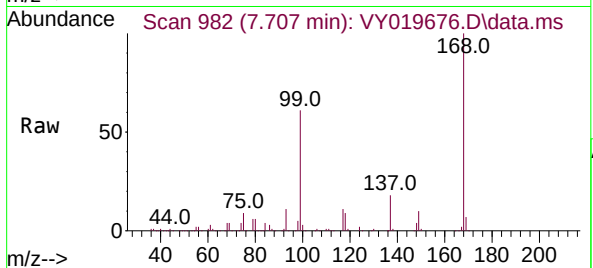
Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

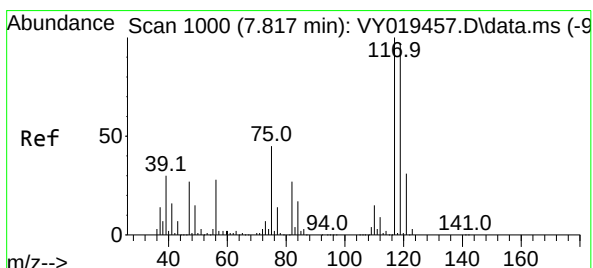
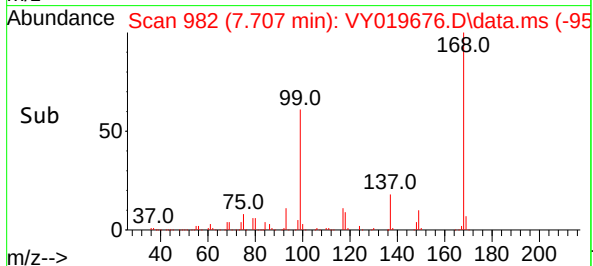
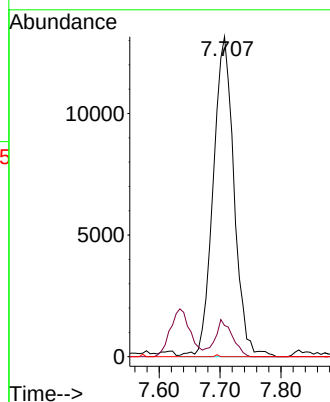
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	31274
Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.0	57.0#
77	0.1	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 6.661 ug/l

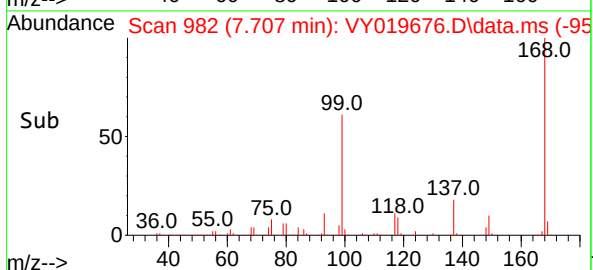
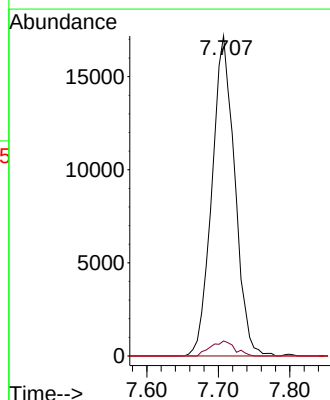
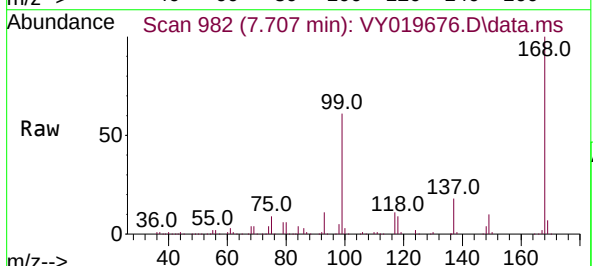
RT: 7.707 min Scan# 982

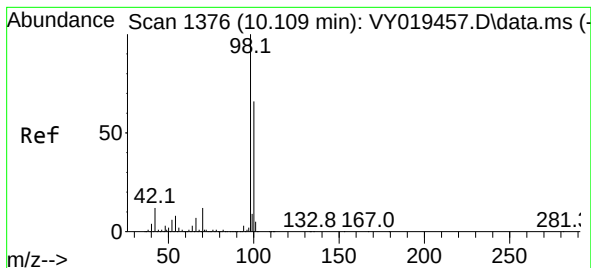
Delta R.T. -0.109 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

Tgt Ion:	117	Resp:	38072
Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.8	113.6#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 56.035 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

Instrument :

MSVOA_Y

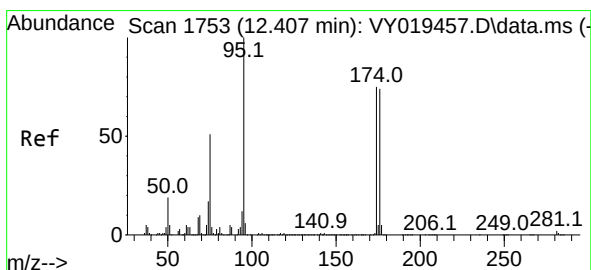
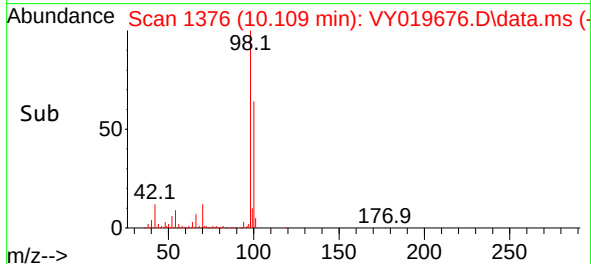
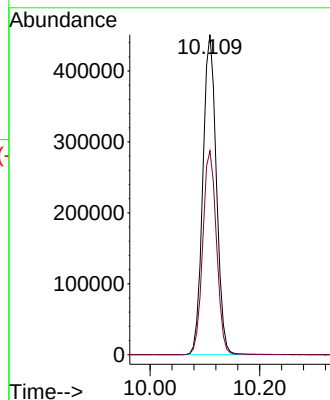
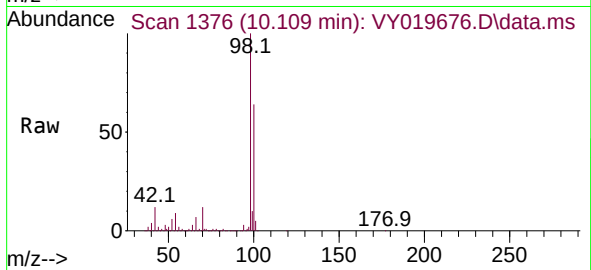
ClientSampleId :

Tgt Ion: 98 Resp: 771967

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.659 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

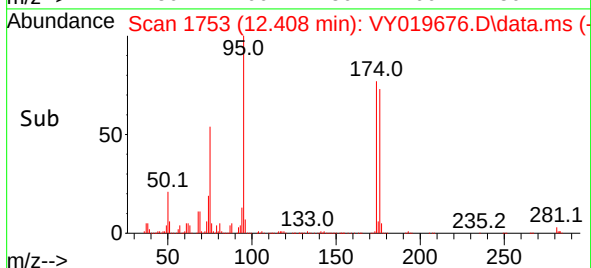
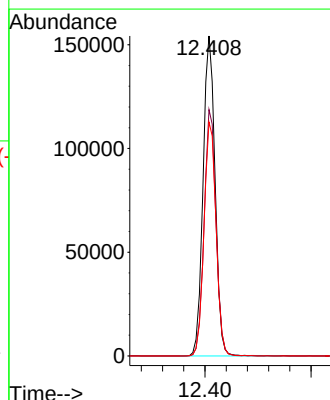
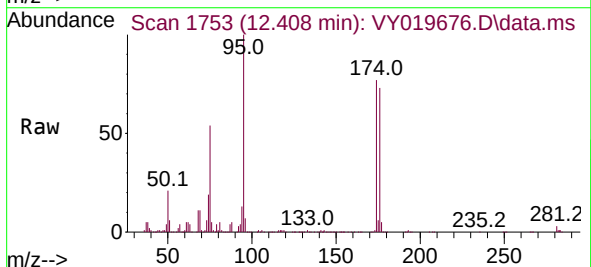
Tgt Ion: 95 Resp: 241862

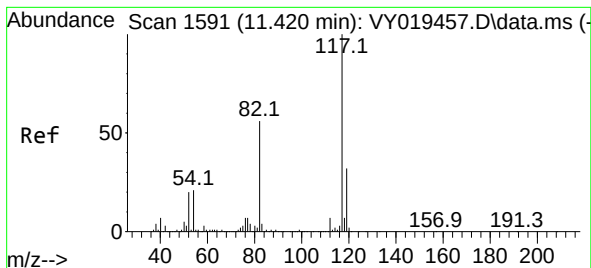
Ion Ratio Lower Upper

95 100

174 75.8 0.0 175.6

176 73.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019676.D

Acq: 24 Sep 2024 12:47

Instrument :

MSVOA_Y

ClientSampleId :

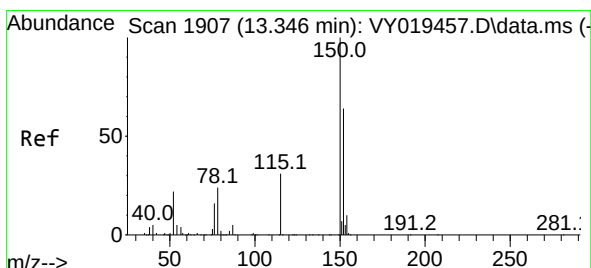
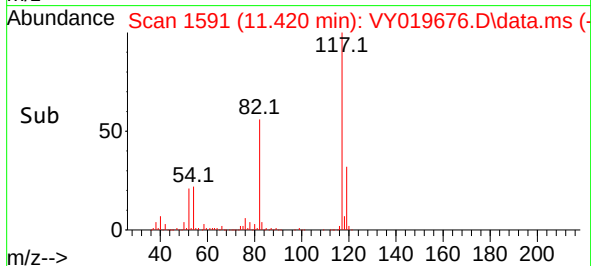
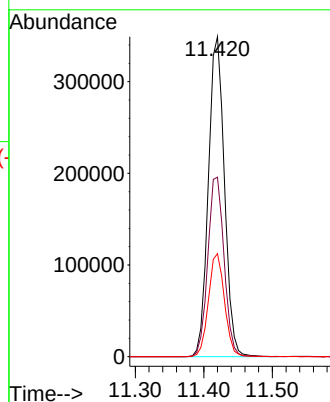
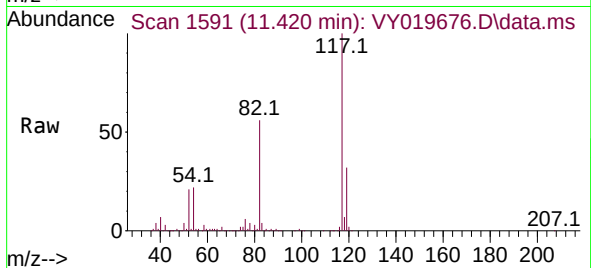
Tgt Ion:117 Resp: 569179

Ion Ratio Lower Upper

117 100

82 56.1 42.4 63.6

119 32.2 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: VY019676.D

Acq: 24 Sep 2024 12:47

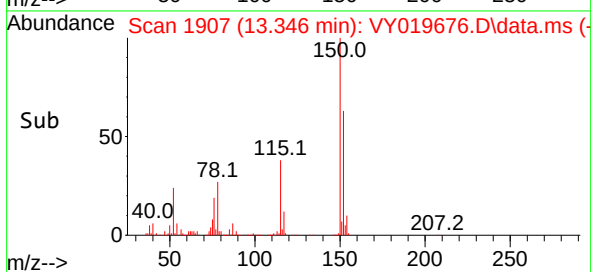
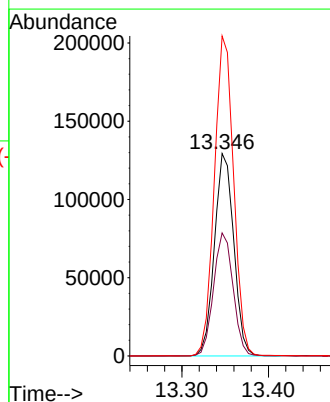
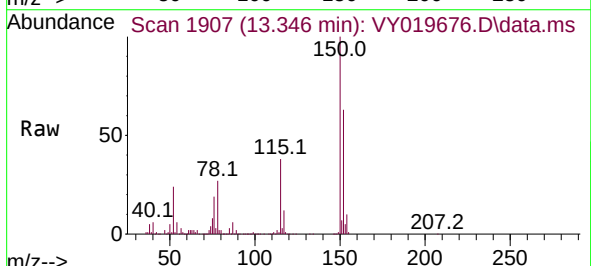
Tgt Ion:152 Resp: 200763

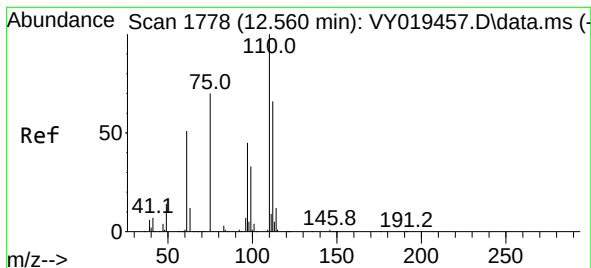
Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 157.5 0.0 345.6

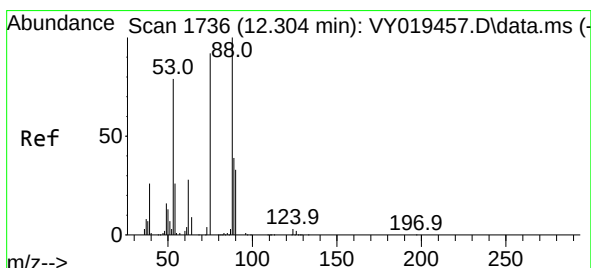
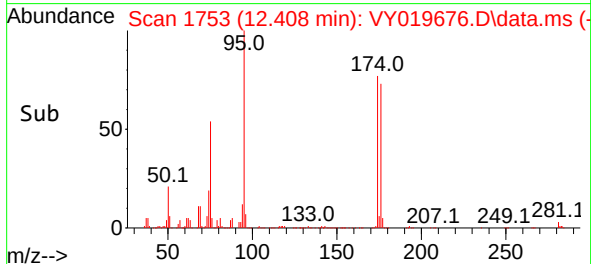
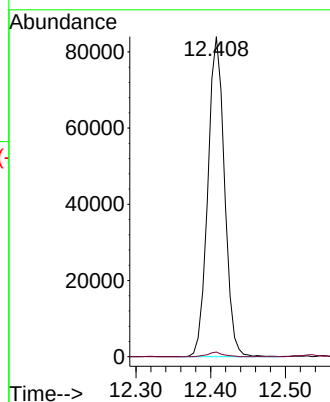
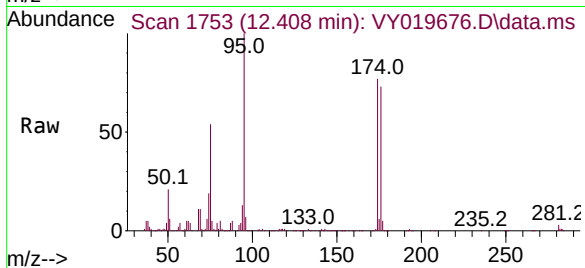




#76
1,2,3-Trichloropropane
Concen: 68.960 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 129764
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.383 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019676.D
Acq: 24 Sep 2024 12:47

Tgt Ion: 75 Resp: 129764
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

