

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019678.D
 Acq On : 24 Sep 2024 13:34
 Operator : SY/MD
 Sample : P4149-15
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 25 01:24:31 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)

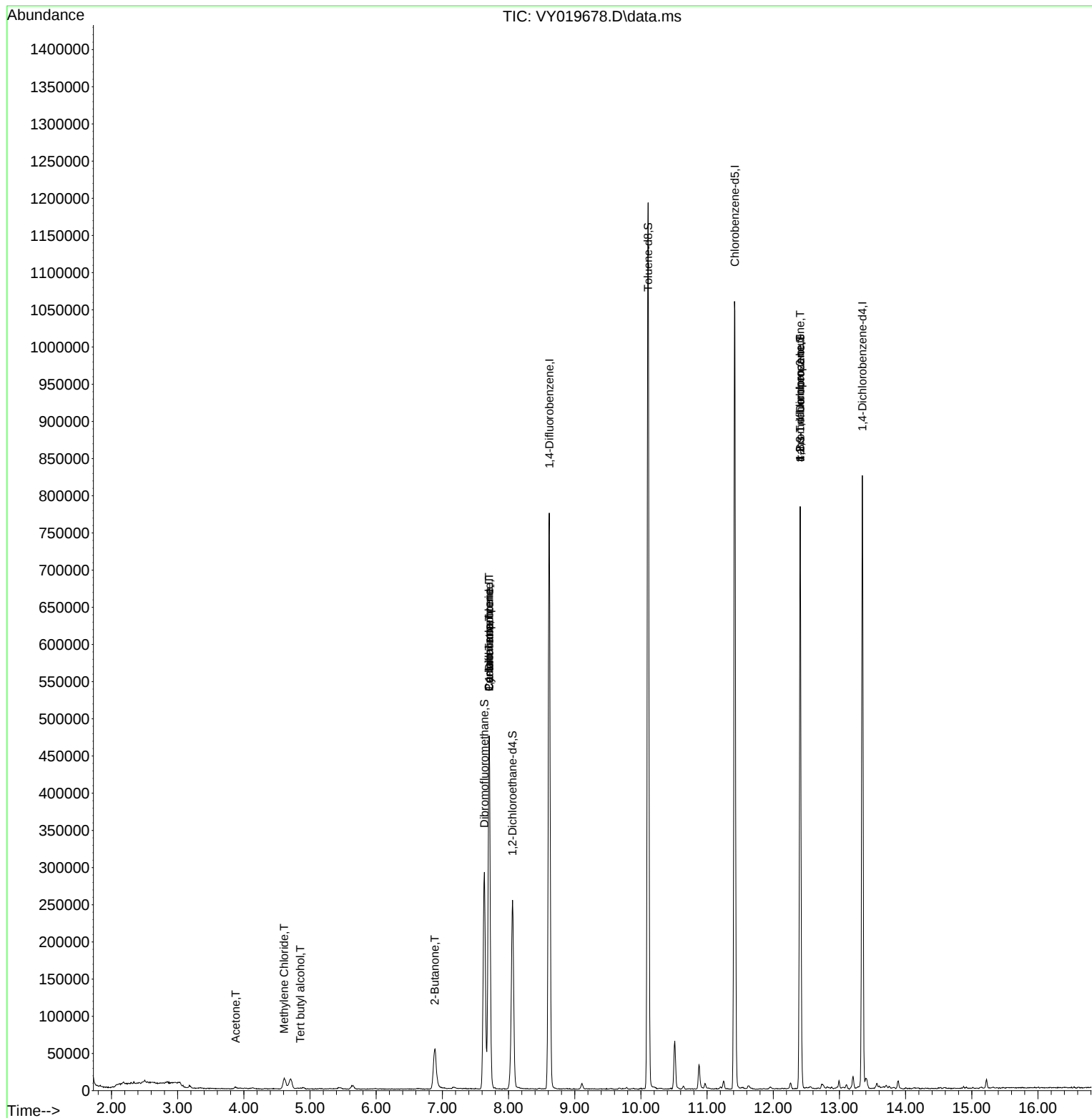
Internal Standards						
1) Pentafluorobenzene	7.707	168	347760	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	661123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	569037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	196922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193216	60.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.000%	
35) Dibromofluoromethane	7.634	113	207134	55.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.520%	
50) Toluene-d8	10.109	98	784233	56.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.120%	
62) 4-Bromofluorobenzene	12.408	95	238376	44.715	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 89.420%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	53	Below Cal	#	43
11) Tert butyl alcohol	4.854	59	1248	4.799	ug/l #	88
13) Acrolein	3.653	56	38	Below Cal	#	15
16) Acetone	3.879	43	3943	5.140	ug/l #	79
20) Methylene Chloride	4.610	84	10077	2.880	ug/l	92
25) 2-Butanone	6.884	43	4057	3.718	ug/l #	74
31) Cyclohexane	7.707	56	8929	1.549	ug/l #	34
36) 1,1-Dichloropropene	7.707	75	29453	5.774	ug/l #	49
38) Carbon Tetrachloride	7.707	117	36971	6.428	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	127458	69.056	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	127458	132.567	ug/l #	16

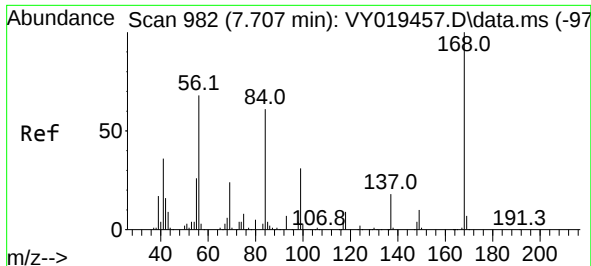
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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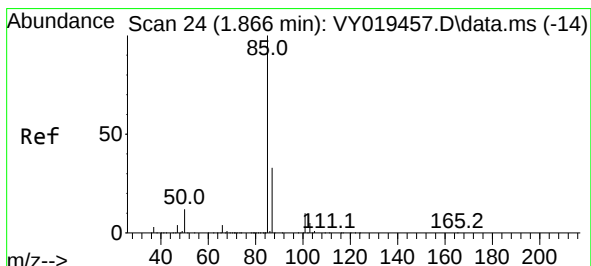
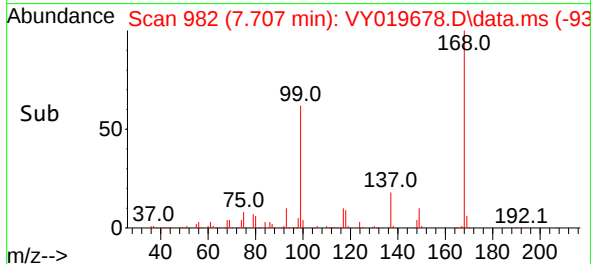
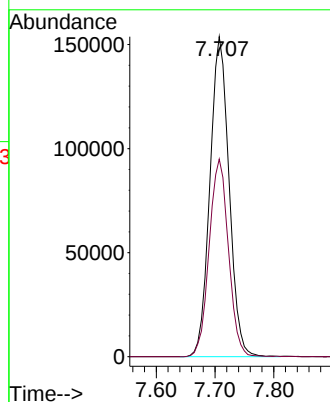
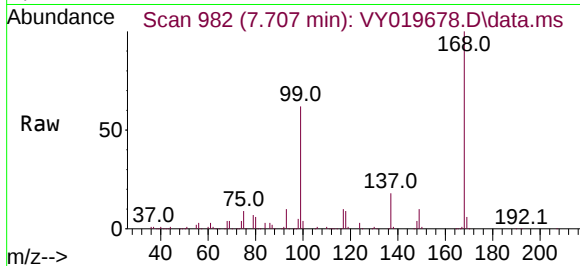




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

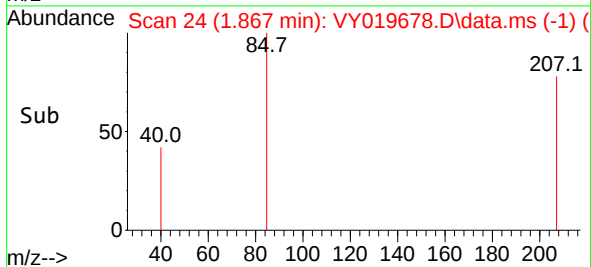
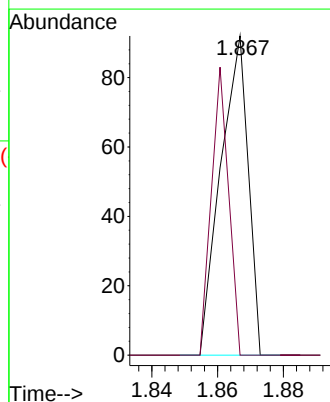
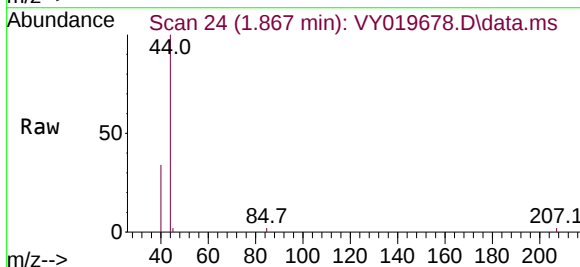
Instrument :
MSVOA_Y
ClientSampleId :

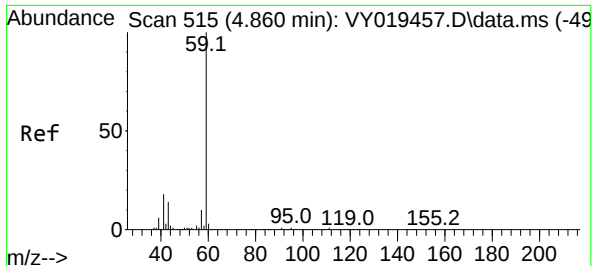
Tgt Ion:168 Resp: 347760
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

Tgt Ion: 85 Resp: 53
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

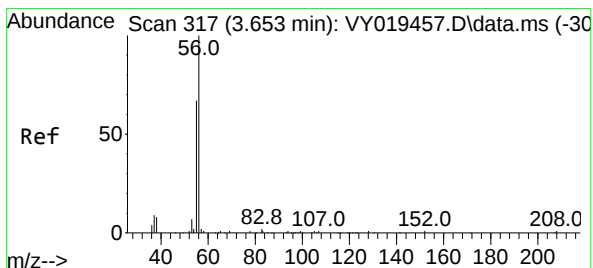
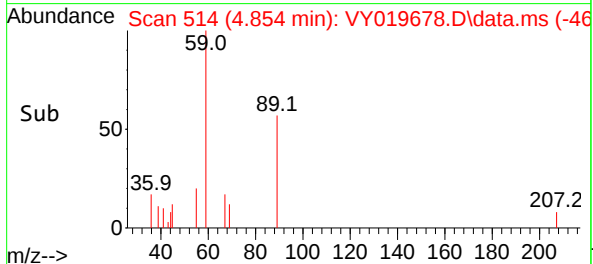
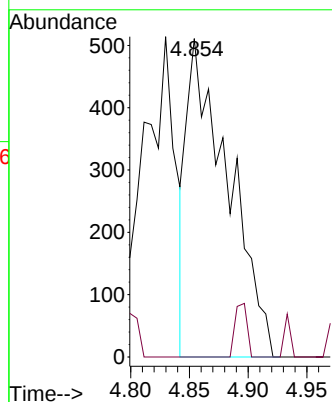
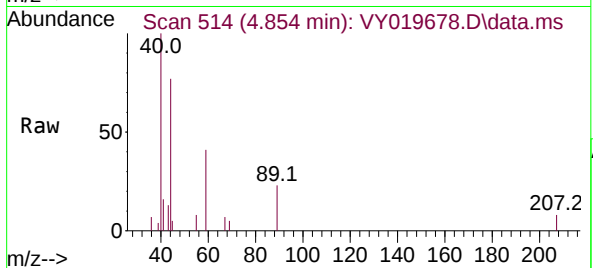




#11
Tert butyl alcohol
Concen: 4.799 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

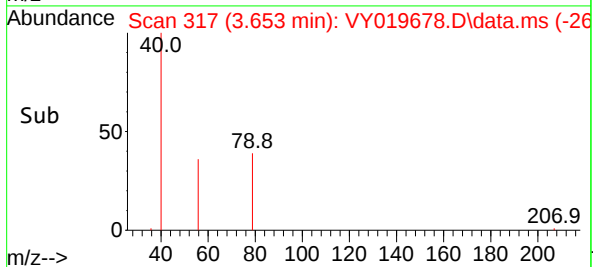
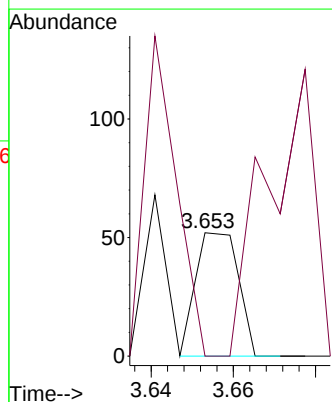
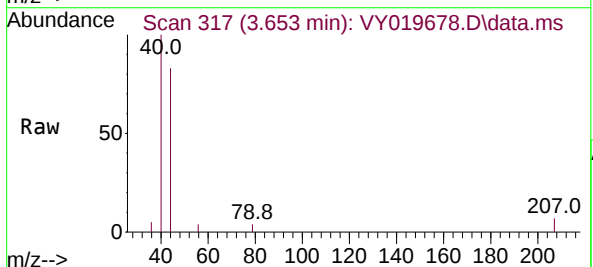
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 1248
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

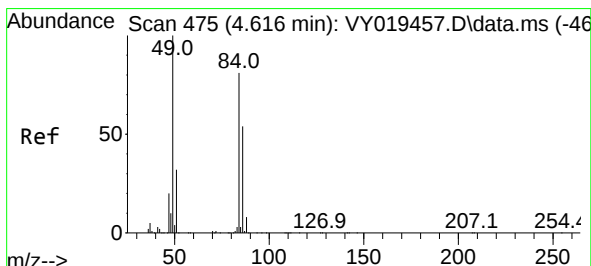
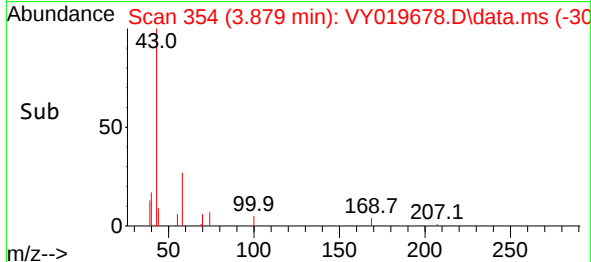
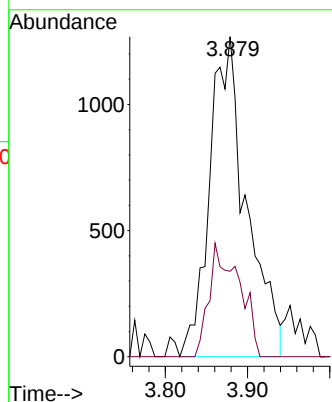
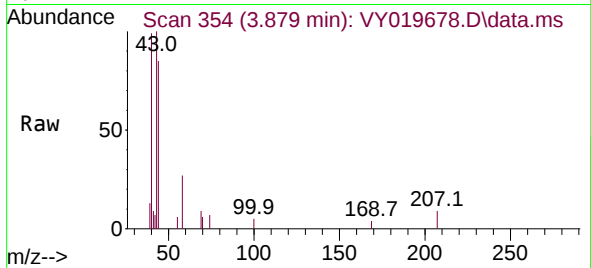




#16
Acetone
Concen: 5.140 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

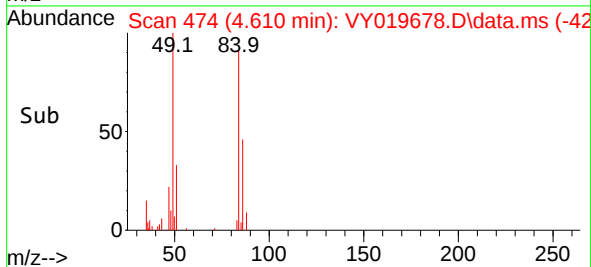
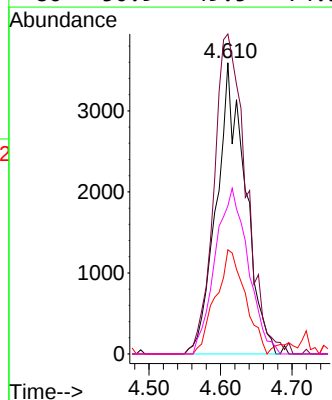
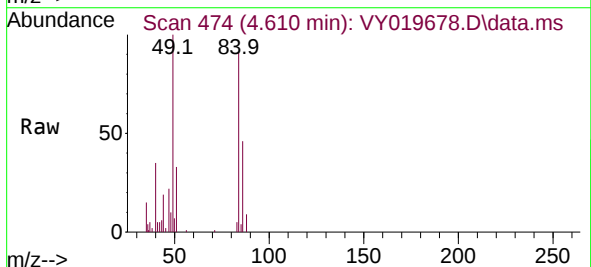
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 3943
Ion Ratio Lower Upper
43 100
58 26.7 31.7 47.5#



#20
Methylene Chloride
Concen: 2.880 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

Tgt Ion: 84 Resp: 10077
Ion Ratio Lower Upper
84 100
49 109.9 84.4 126.6
51 35.8 26.0 39.0
86 50.9 49.5 74.3





#25

2-Butanone

Concen: 3.718 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

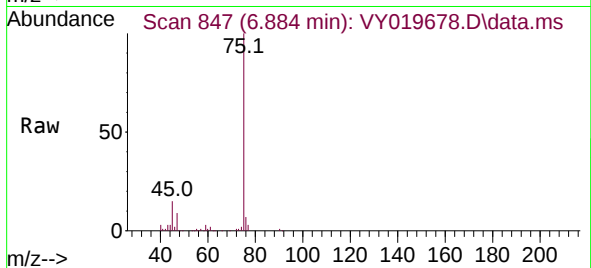
Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

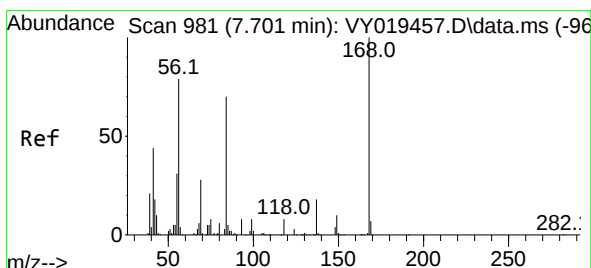
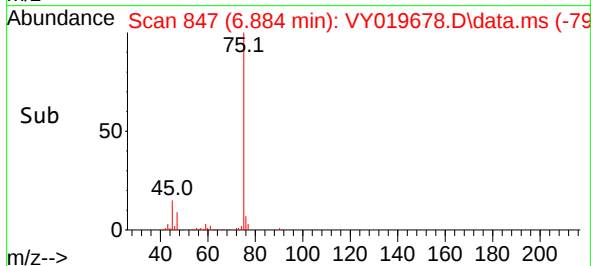
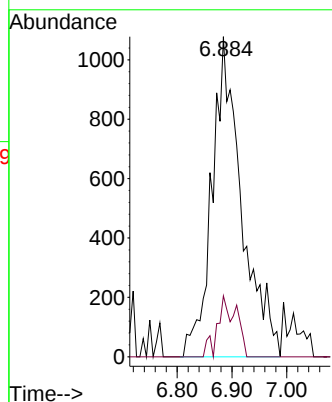


Tgt Ion: 43 Resp: 4057

Ion Ratio Lower Upper

43 100

72 19.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.549 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

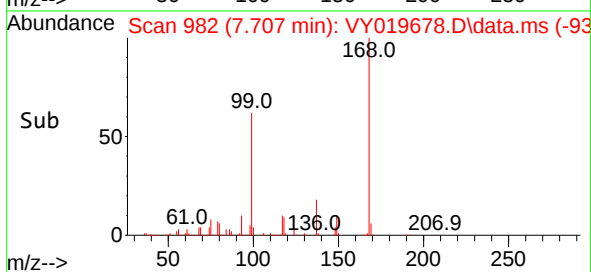
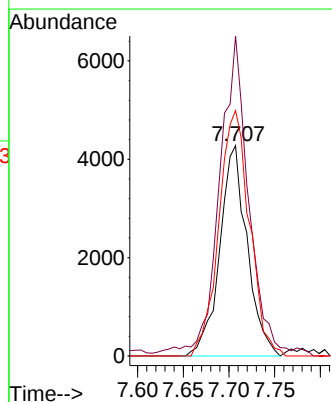
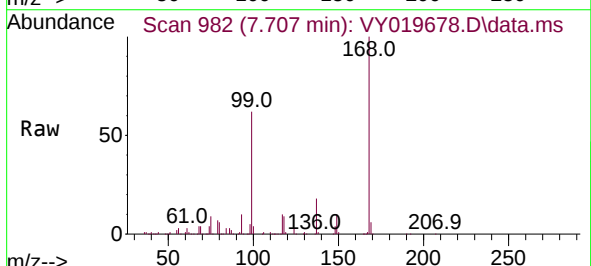
Tgt Ion: 56 Resp: 8929

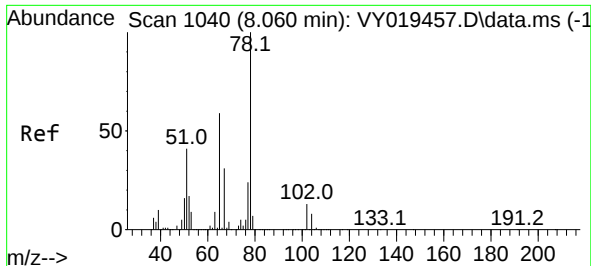
Ion Ratio Lower Upper

56 100

69 148.7 28.7 43.1#

84 116.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.002 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

Instrument :

MSVOA_Y

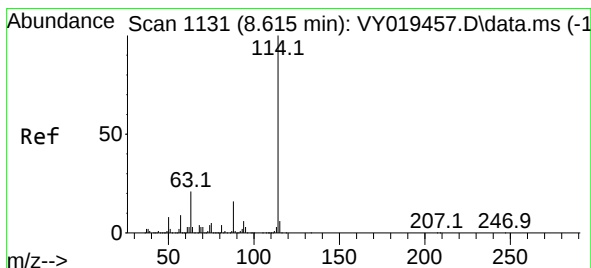
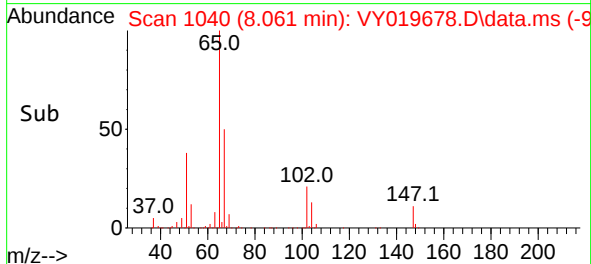
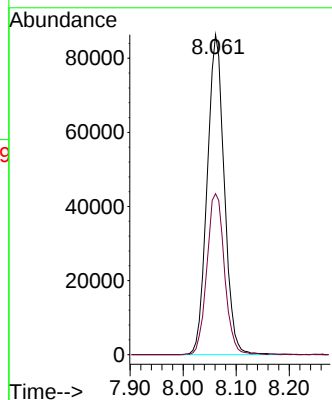
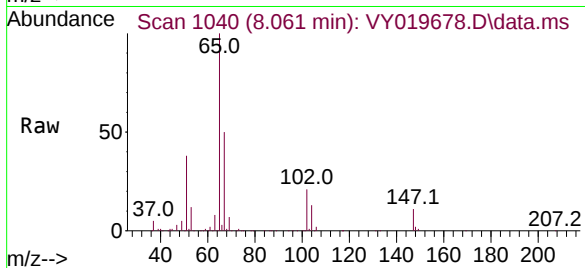
ClientSampleId :

Tgt Ion: 65 Resp: 193216

Ion Ratio Lower Upper

65 100

67 51.9 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: VY019678.D

Acq: 24 Sep 2024 13:34

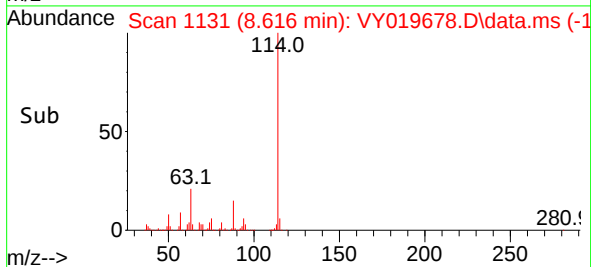
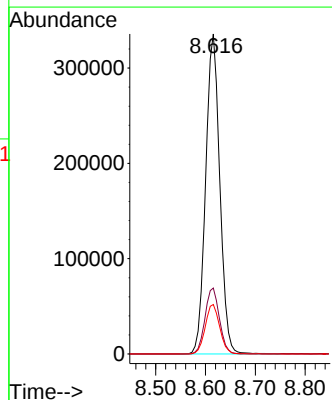
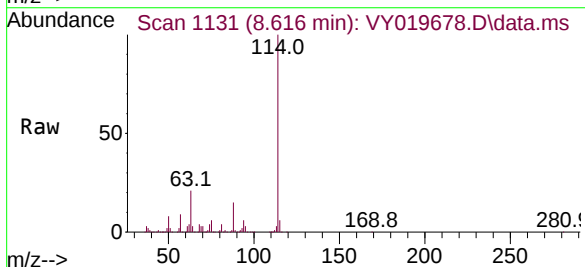
Tgt Ion: 114 Resp: 661123

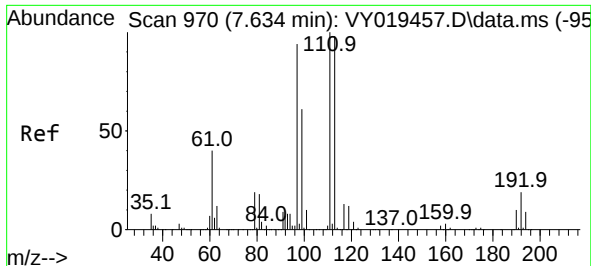
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

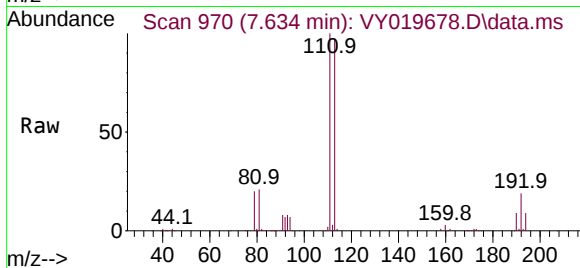
88 15.4 0.0 27.2



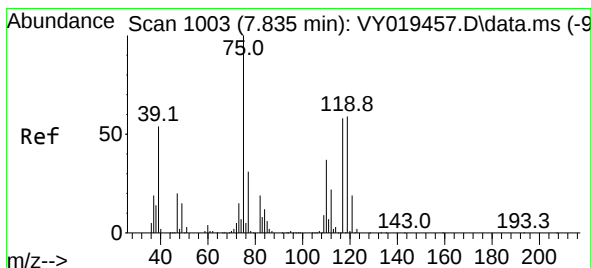
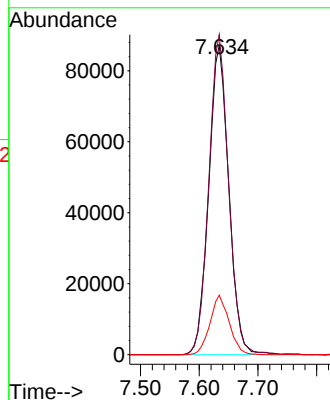
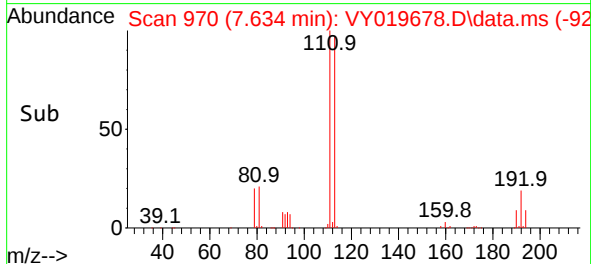


#35
Dibromofluoromethane
Concen: 55.259 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

Instrument :
MSVOA_Y
ClientSampleId :

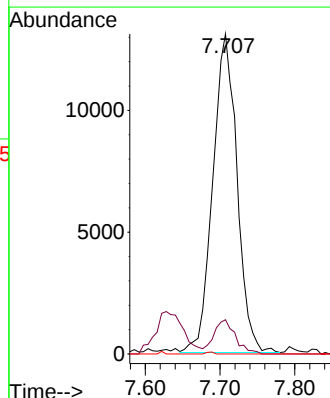
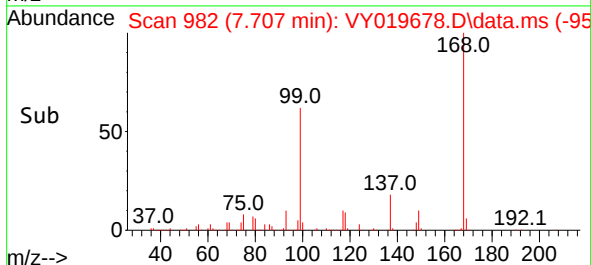
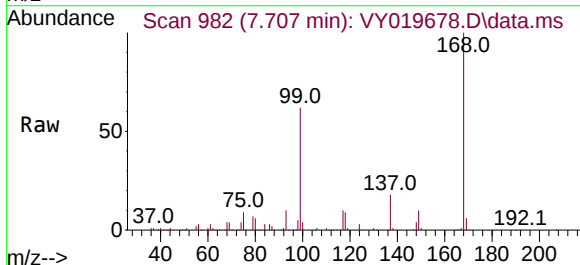


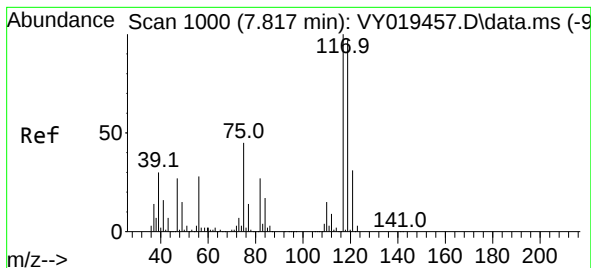
Tgt Ion: 113 Resp: 207134
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 18.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.774 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

Tgt Ion: 75 Resp: 29453
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.2 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.428 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

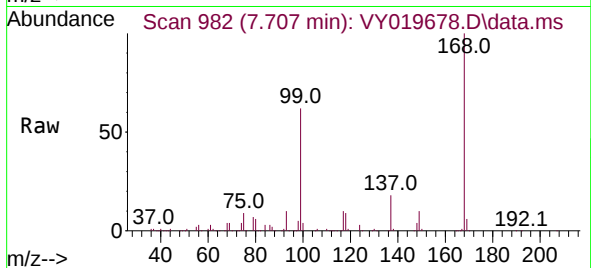
Lab File: VY019678.D

Acq: 24 Sep 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :



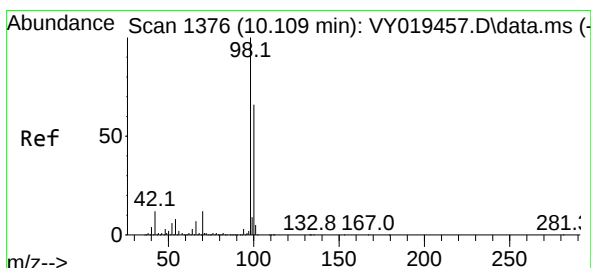
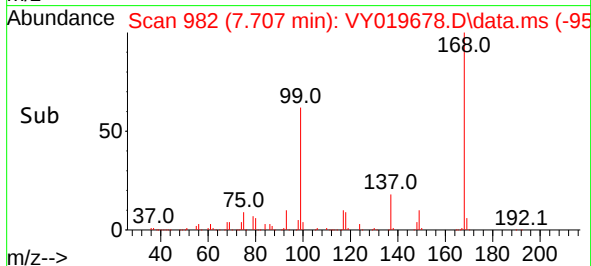
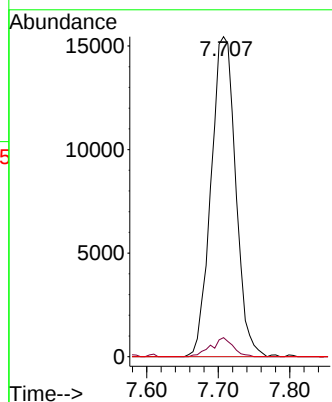
Tgt Ion:117 Resp: 36971

Ion Ratio Lower Upper

117 100

119 5.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.564 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019678.D

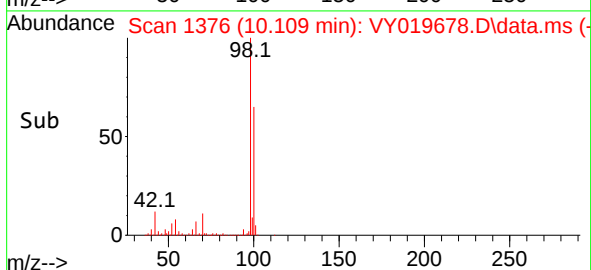
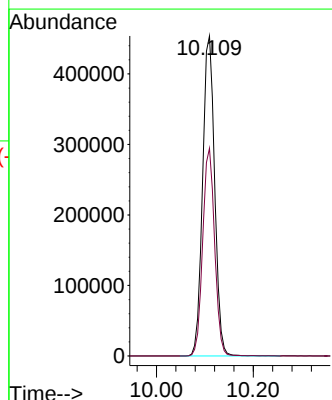
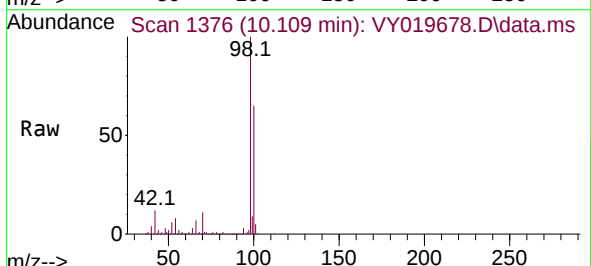
Acq: 24 Sep 2024 13:34

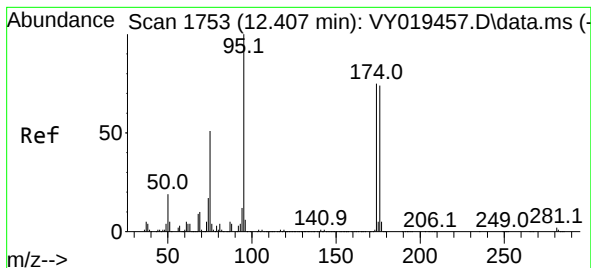
Tgt Ion: 98 Resp: 784233

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0

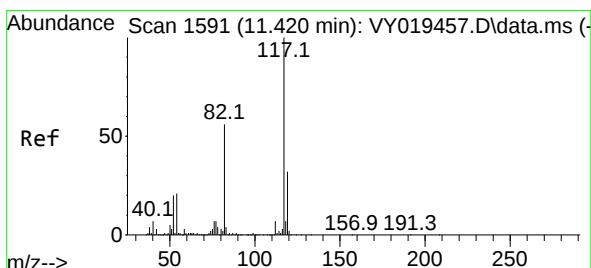
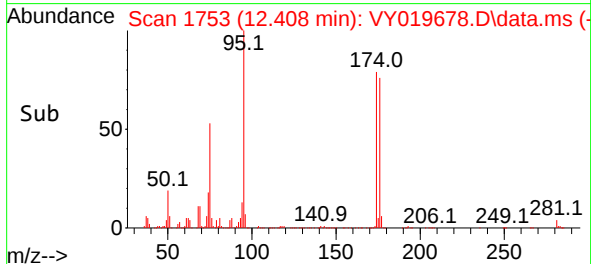
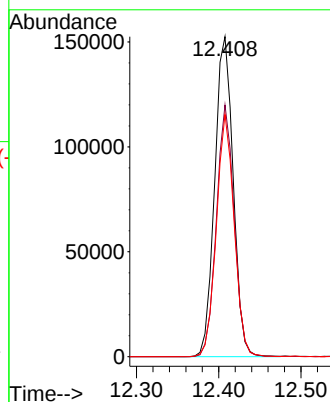
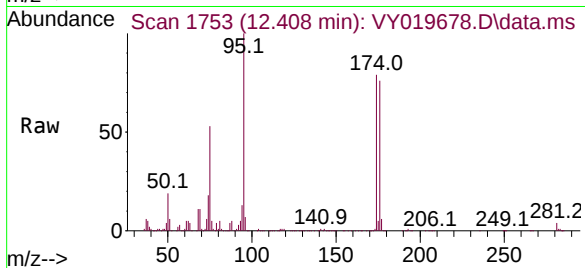




#62
4-Bromofluorobenzene
Concen: 44.715 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

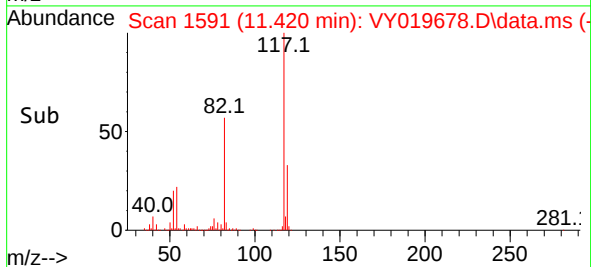
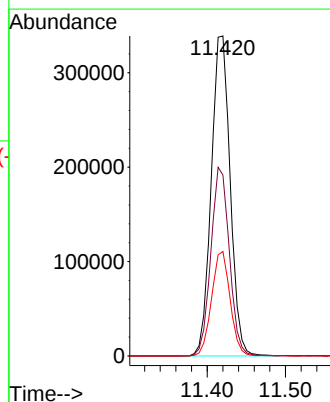
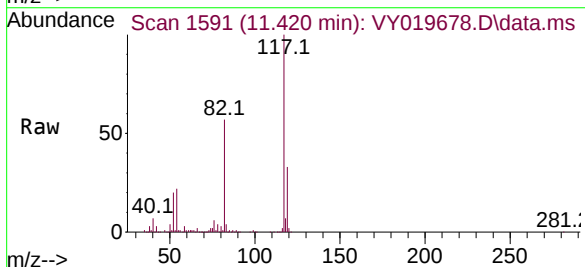
Instrument :
MSVOA_Y
ClientSampleId :

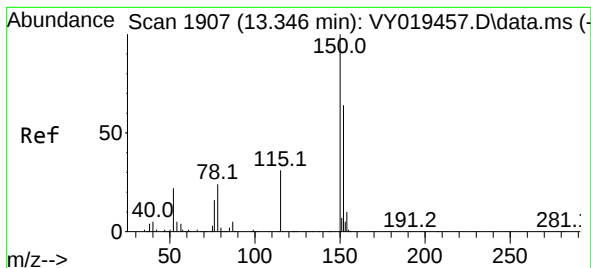
Tgt Ion: 95 Resp: 238376
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 72.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019678.D
Acq: 24 Sep 2024 13:34

Tgt Ion: 117 Resp: 569037
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 32.6 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: VY019678.D

Acq: 24 Sep 2024 13:34

Instrument :

MSVOA_Y

ClientSampleId :

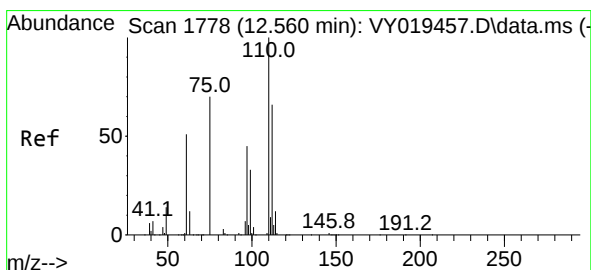
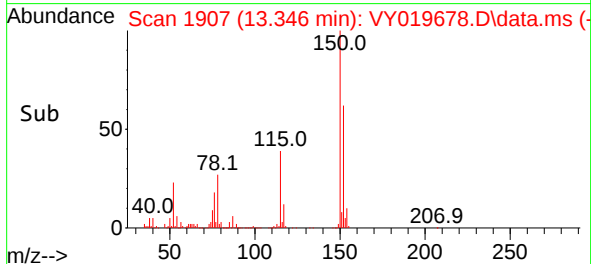
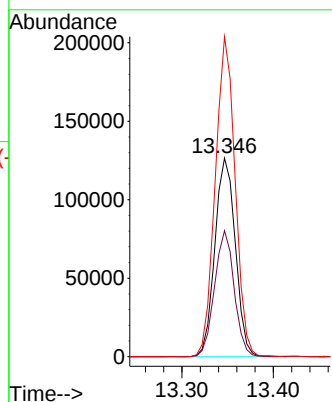
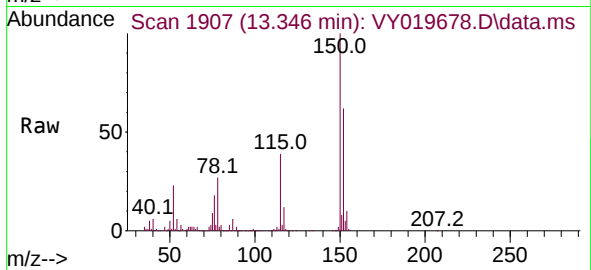
Tgt Ion:152 Resp: 196922

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 156.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.056 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019678.D

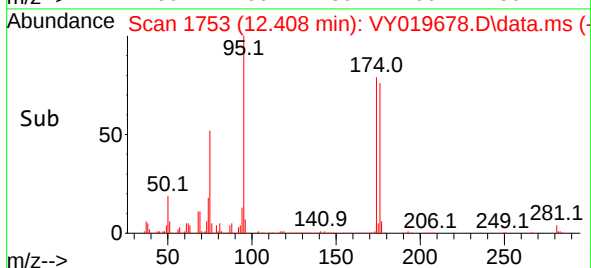
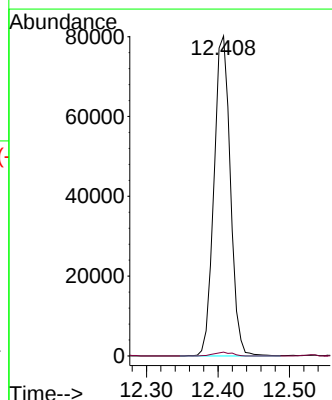
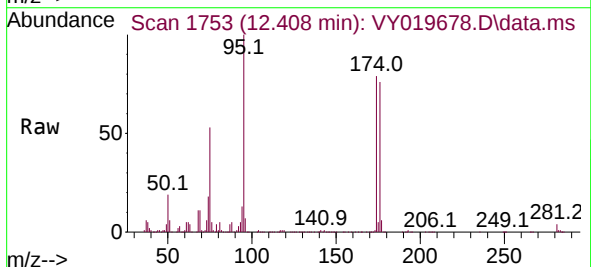
Acq: 24 Sep 2024 13:34

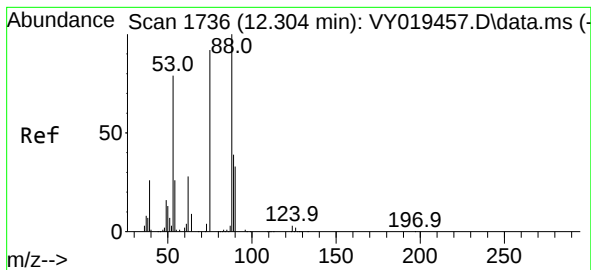
Tgt Ion: 75 Resp: 127458

Ion Ratio Lower Upper

75 100

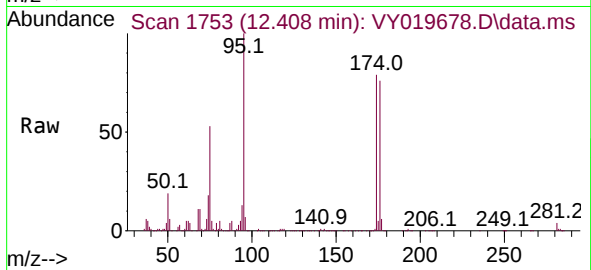
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.567 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019678.D
 Acq: 24 Sep 2024 13:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 127458
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

