

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019701.D
 Acq On : 25 Sep 2024 17:35
 Operator : SY/MD
 Sample : P4138-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:03:34 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)

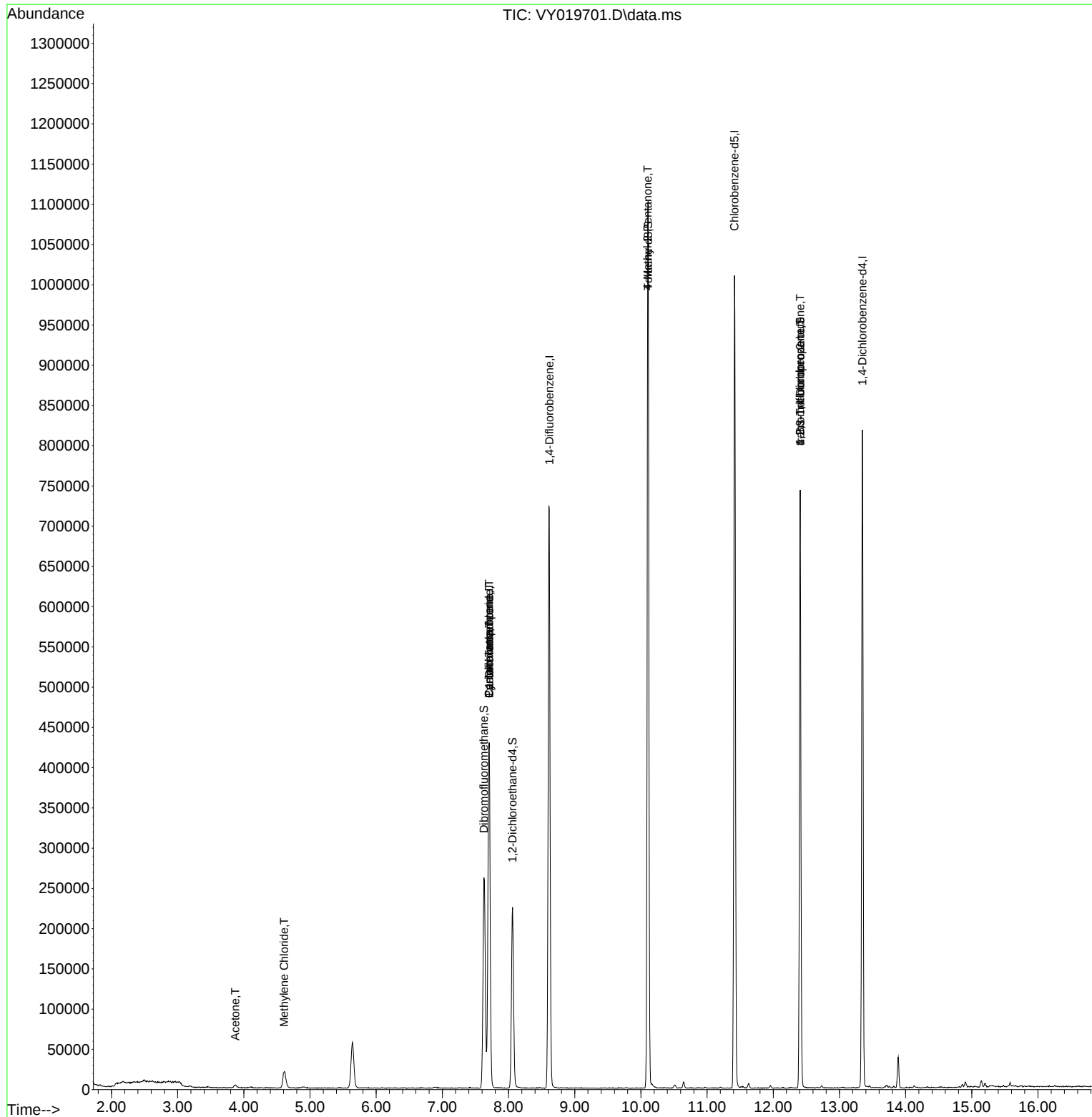
Internal Standards						
1) Pentafluorobenzene	7.707	168	320292	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	614730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	538359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	193581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	176690	59.575	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.160%	
35) Dibromofluoromethane	7.628	113	188416	54.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.109	98	725126	56.248	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.408	95	225867	45.566	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	33	Below Cal	#	43
13) Acrolein	3.598	56	75	Below Cal		99
16) Acetone	3.872	43	6425	9.093	ug/l #	83
20) Methylene Chloride	4.610	84	15625	4.849	ug/l	91
31) Cyclohexane	7.707	56	8192	1.543	ug/l #	24
36) 1,1-Dichloropropene	7.707	75	27646	5.829	ug/l #	48
38) Carbon Tetrachloride	7.707	117	34823	6.511	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	3939	1.534	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	121855	67.159	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	121855	128.926	ug/l #	16

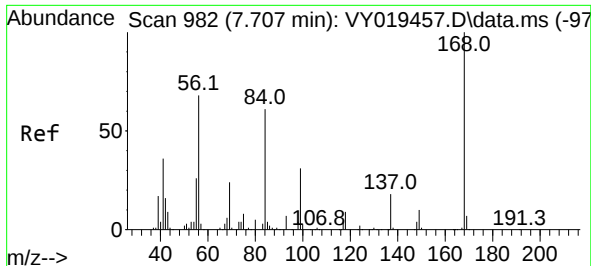
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

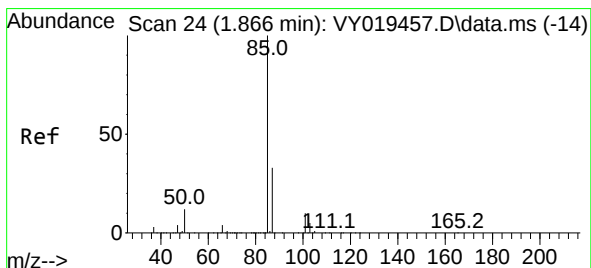
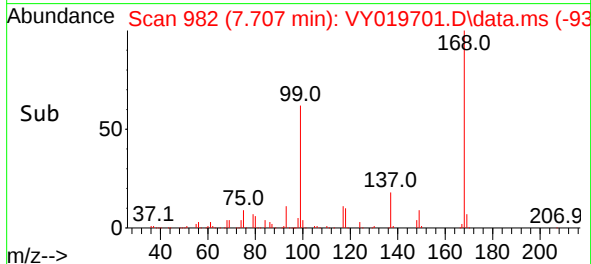
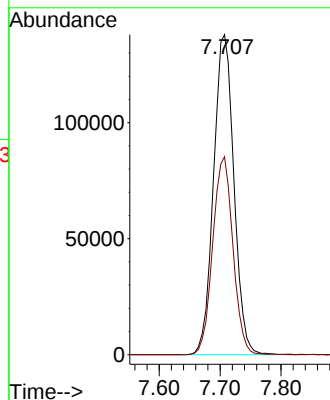
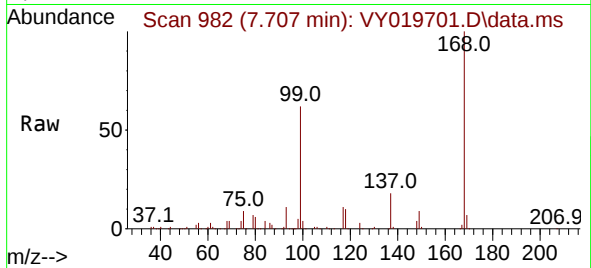




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

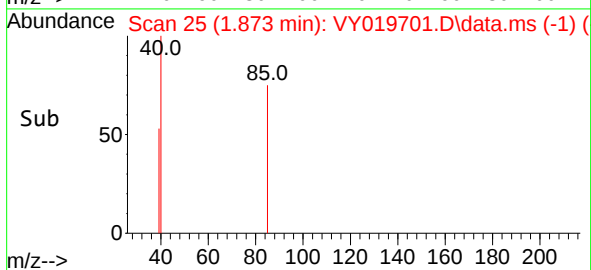
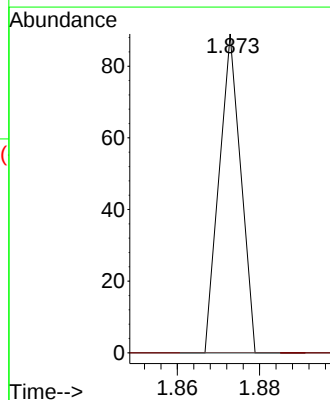
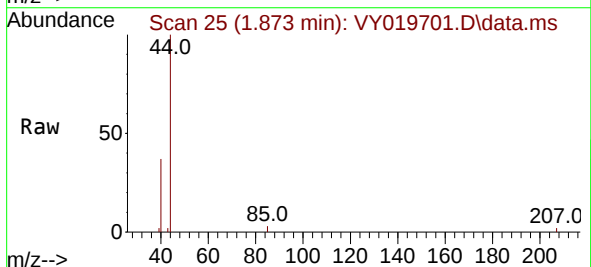
Instrument :
MSVOA_Y
ClientSampleId :

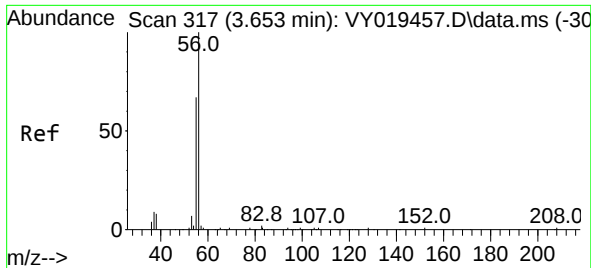
Tgt Ion:168 Resp: 320292
Ion Ratio Lower Upper
168 100
99 61.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Tgt Ion: 85 Resp: 33
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

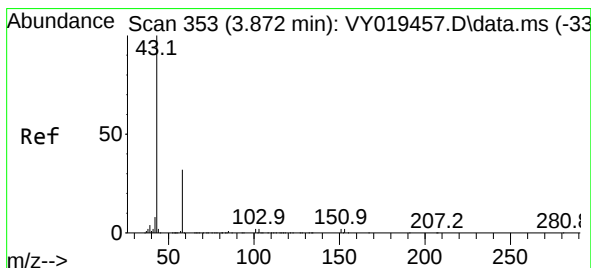
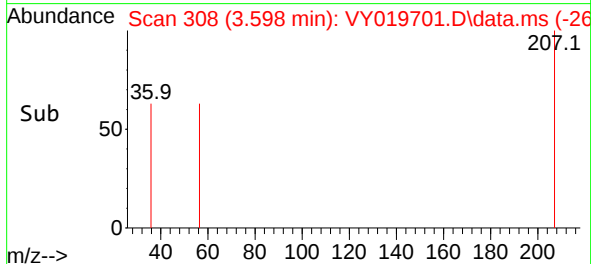
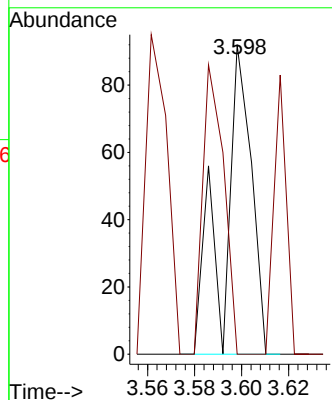
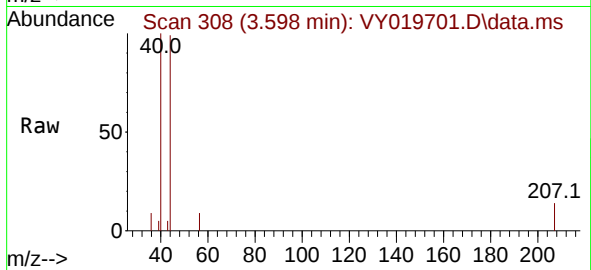




#13
Acrolein
Concen: Below Cal
RT: 3.598 min Scan# 308
Delta R.T. -0.055 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

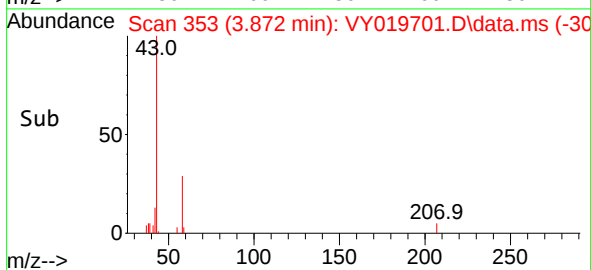
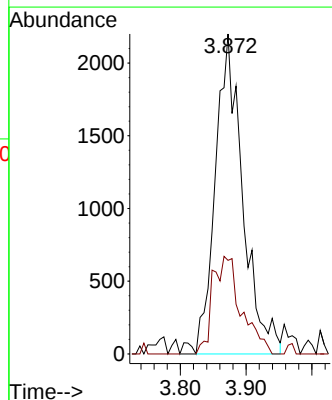
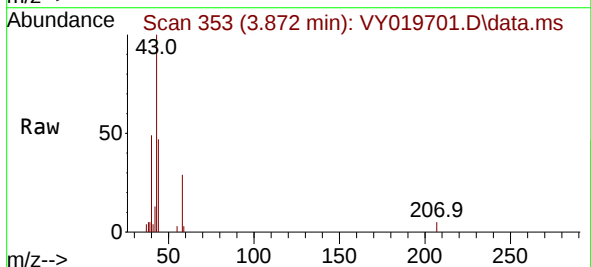
Instrument :
MSVOA_Y
ClientSampleId :

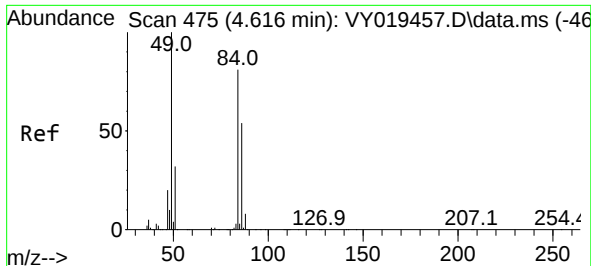
Tgt Ion: 56 Resp: 75
Ion Ratio Lower Upper
56 100
55 70.7 55.7 83.5



#16
Acetone
Concen: 9.093 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

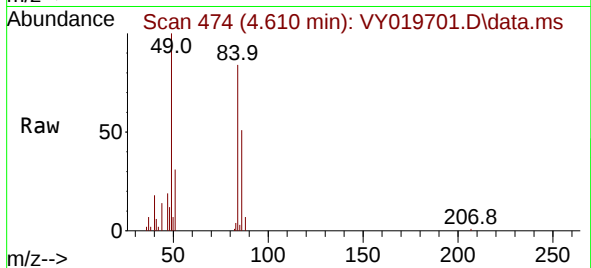
Tgt Ion: 43 Resp: 6425
Ion Ratio Lower Upper
43 100
58 29.2 31.7 47.5#



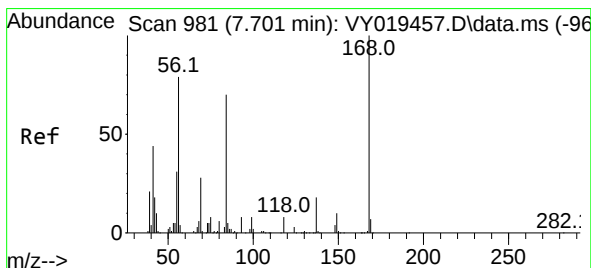
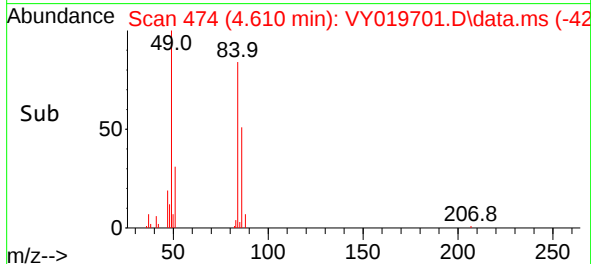
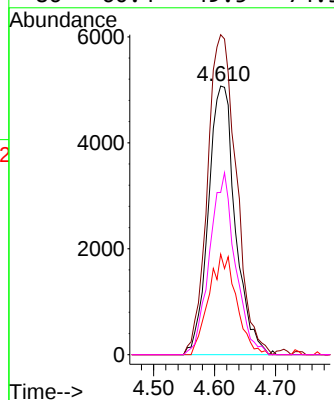


#20
Methylene Chloride
Concen: 4.849 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :

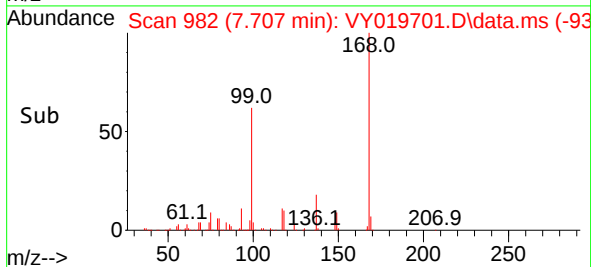
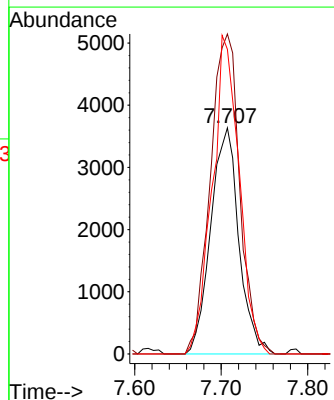
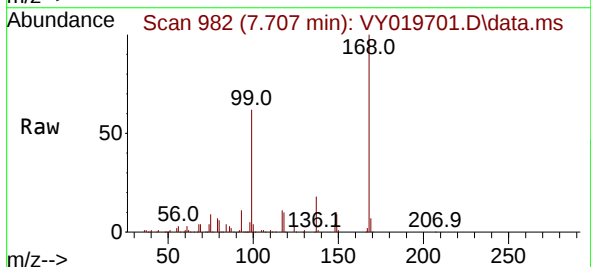


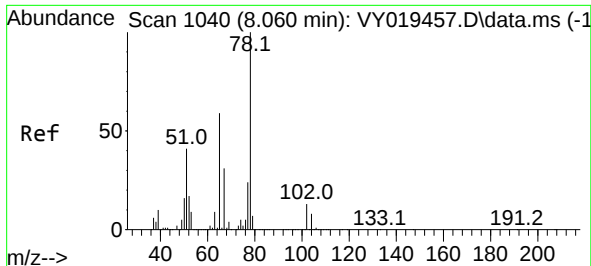
Tgt Ion:	84	Resp:	15625
Ion	Ratio	Lower	Upper
84	100		
49	119.1	84.4	126.6
51	37.4	26.0	39.0
86	60.4	49.5	74.3



#31
Cyclohexane
Concen: 1.543 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Tgt Ion:	56	Resp:	8192
Ion	Ratio	Lower	Upper
56	100		
69	141.5	28.7	43.1#
84	134.7	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.575 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

Instrument :

MSVOA_Y

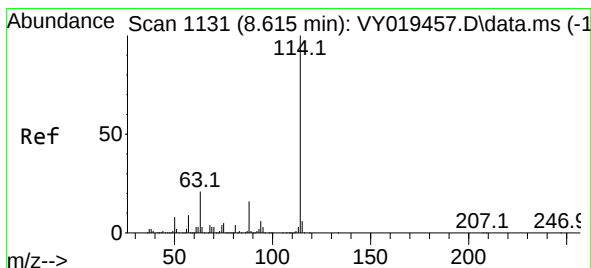
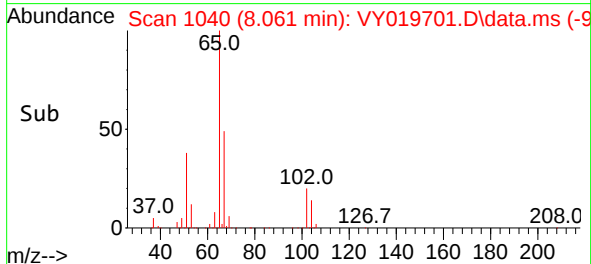
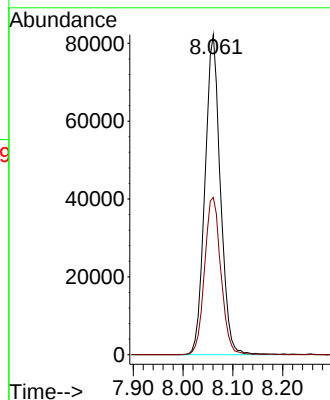
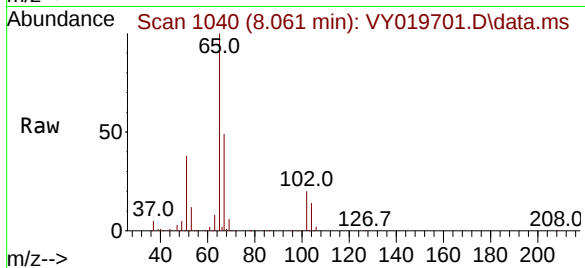
ClientSampleId :

Tgt Ion: 65 Resp: 176690

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: VY019701.D

Acq: 25 Sep 2024 17:35

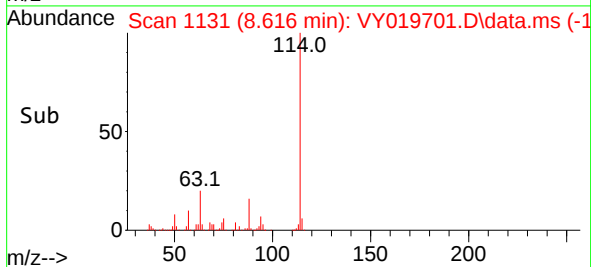
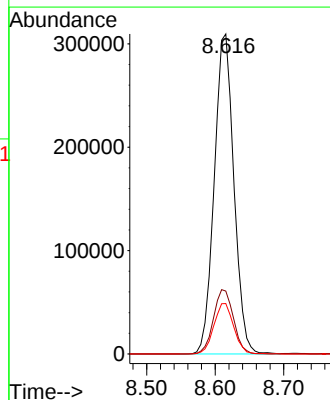
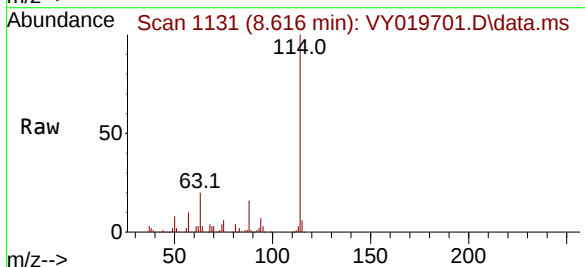
Tgt Ion: 114 Resp: 614730

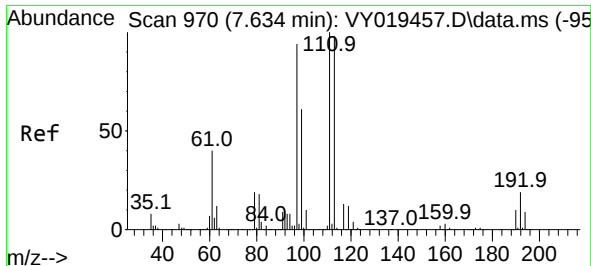
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

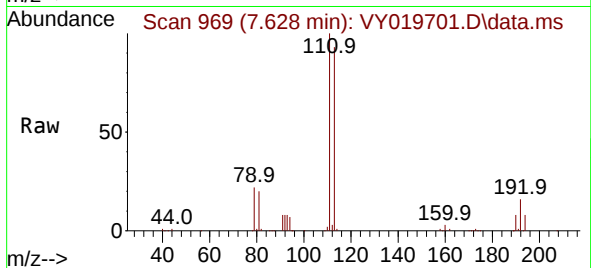
88 15.8 0.0 27.2



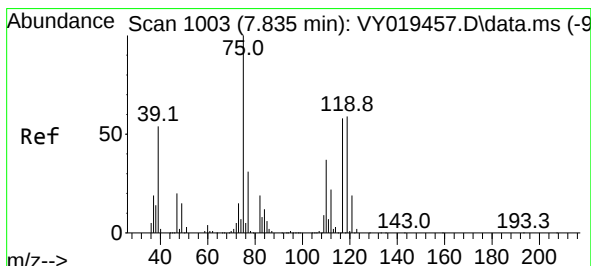
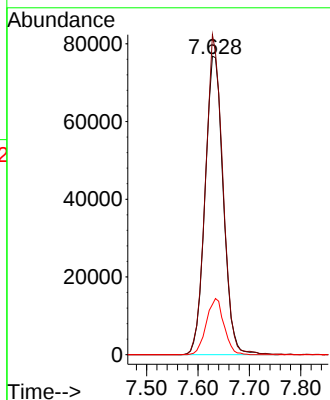
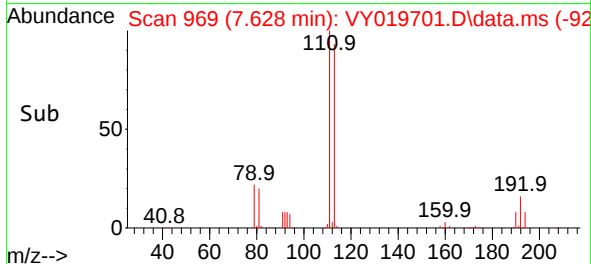


#35
Dibromofluoromethane
Concen: 54.059 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

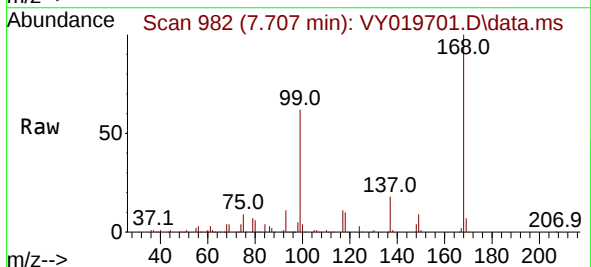
Instrument :
MSVOA_Y
ClientSampleId :



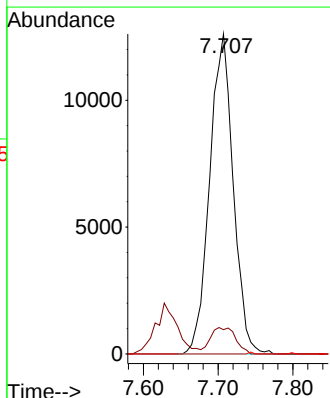
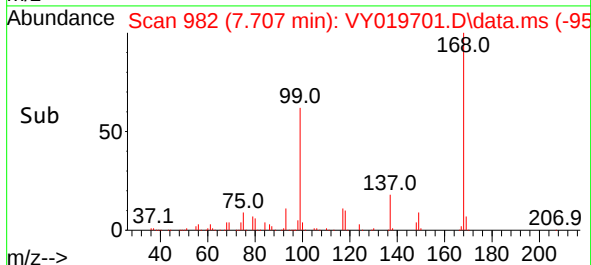
Tgt Ion:113 Resp: 188416
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.3 15.9 23.9

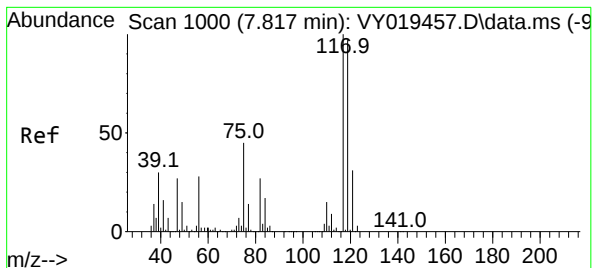


#36
1,1-Dichloropropene
Concen: 5.829 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35



Tgt Ion: 75 Resp: 27646
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.511 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :

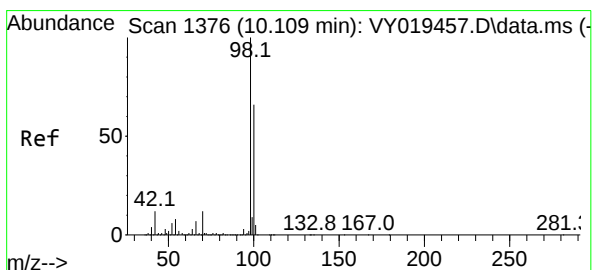
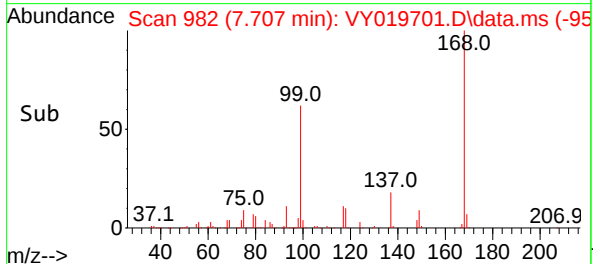
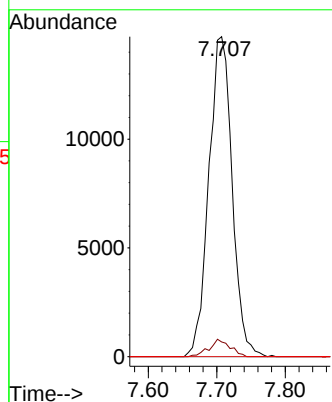
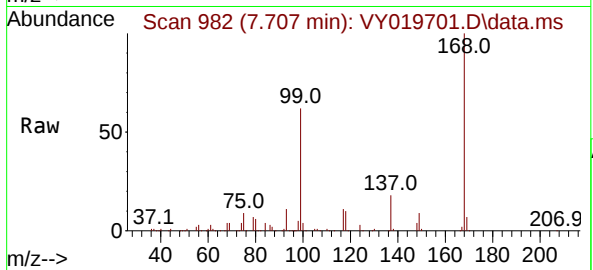
Tgt Ion:117 Resp: 34823

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.248 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019701.D

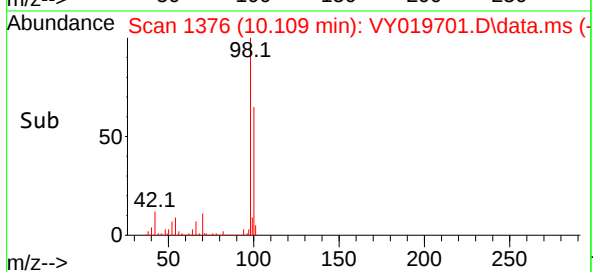
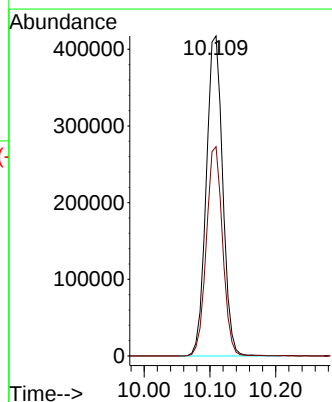
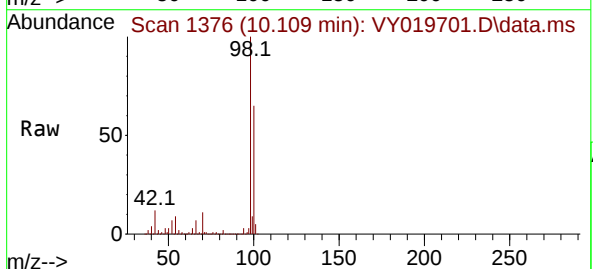
Acq: 25 Sep 2024 17:35

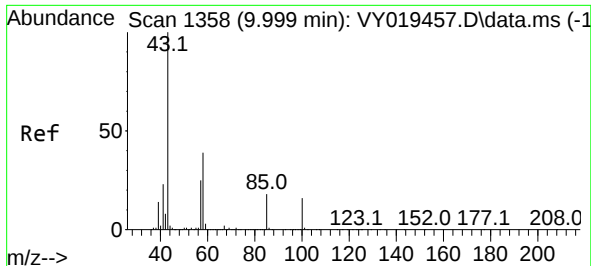
Tgt Ion: 98 Resp: 725126

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.534 ug/l

RT: 10.103 min Scan# 1

Delta R.T. 0.104 min

Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

Instrument :

MSVOA_Y

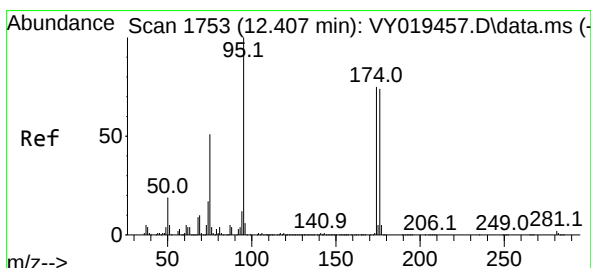
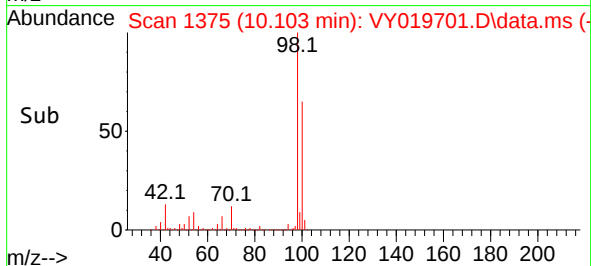
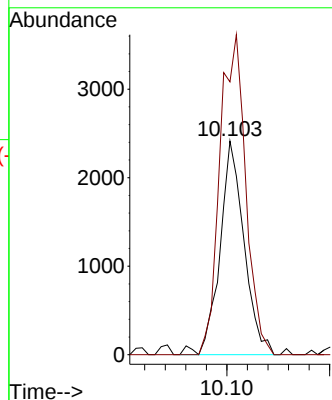
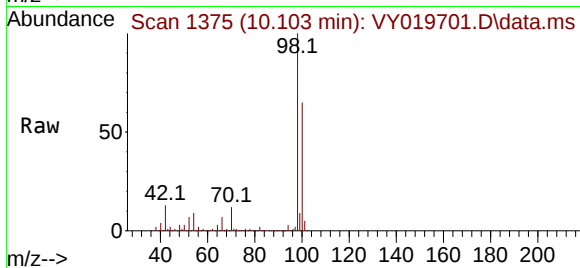
ClientSampleId :

Tgt Ion: 43 Resp: 3939

Ion Ratio Lower Upper

43 100

58 160.3 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 45.566 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

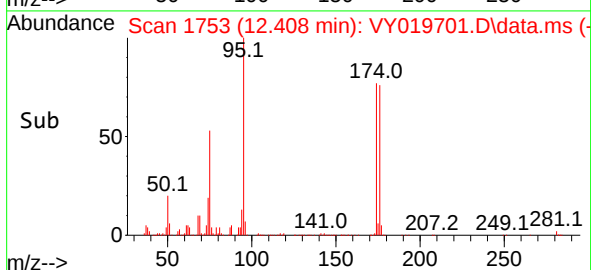
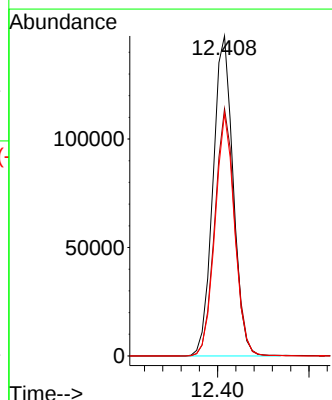
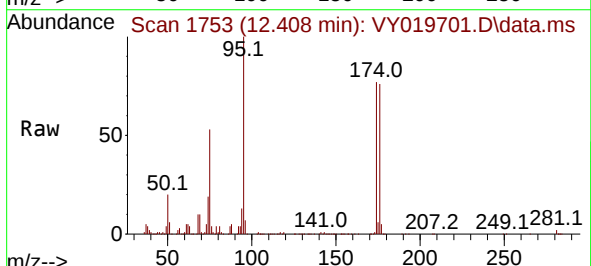
Tgt Ion: 95 Resp: 225867

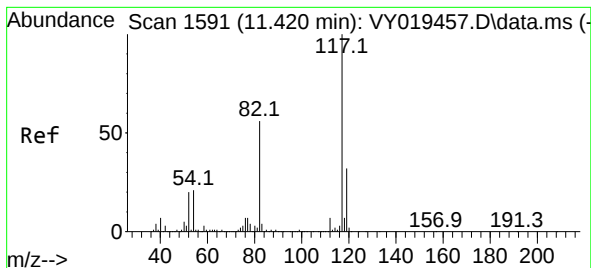
Ion Ratio Lower Upper

95 100

174 76.5 0.0 175.6

176 73.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

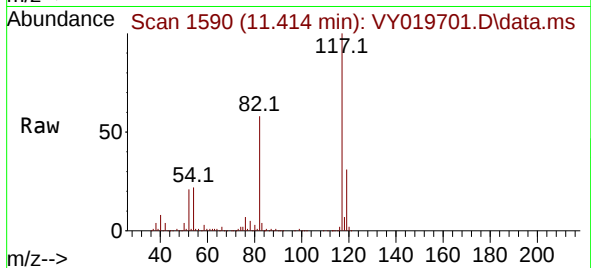
Lab File: VY019701.D

Acq: 25 Sep 2024 17:35

Instrument :

MSVOA_Y

ClientSampleId :



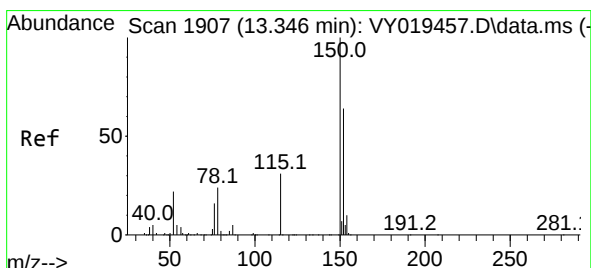
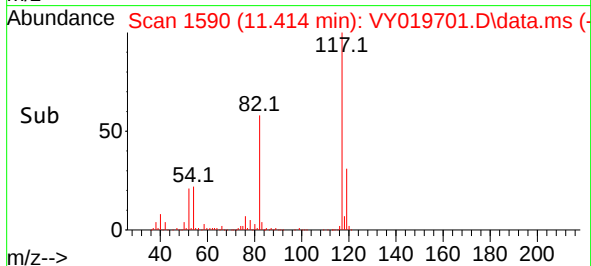
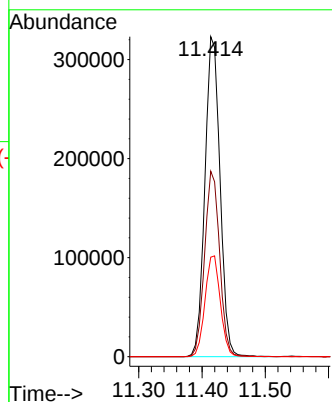
Tgt Ion:117 Resp: 538359

Ion Ratio Lower Upper

117 100

82 57.9 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: VY019701.D

Acq: 25 Sep 2024 17:35

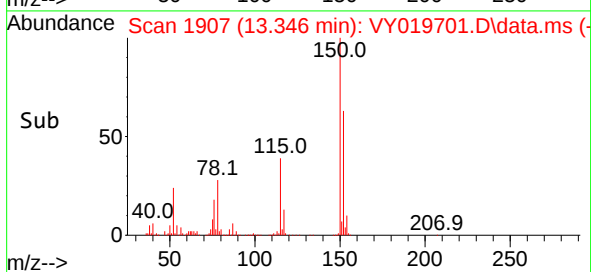
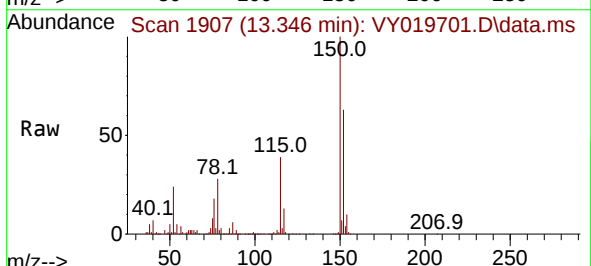
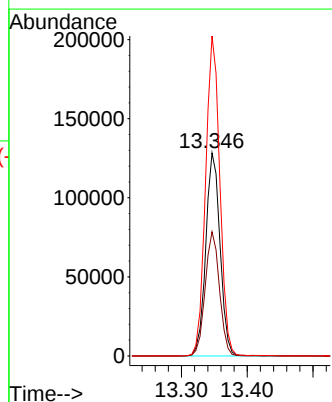
Tgt Ion:152 Resp: 193581

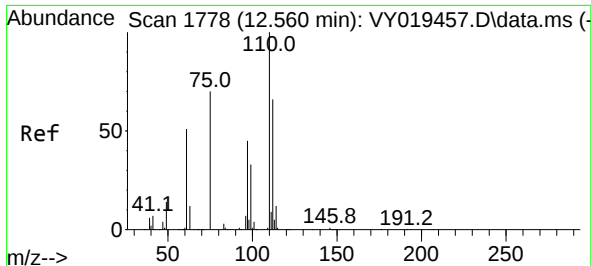
Ion Ratio Lower Upper

152 100

115 61.2 28.2 84.7

150 157.0 0.0 345.6

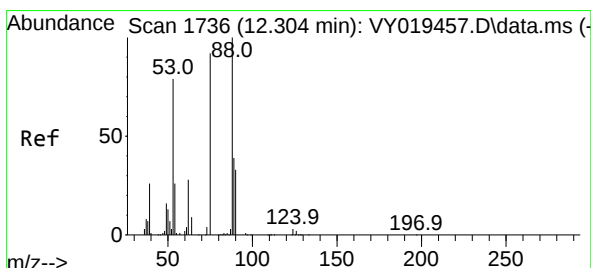
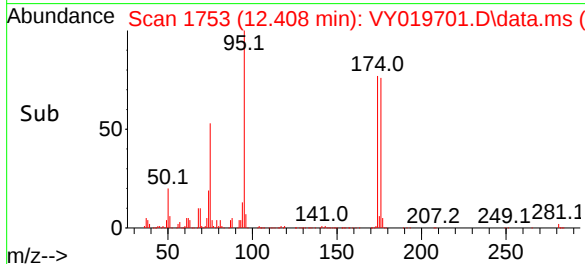
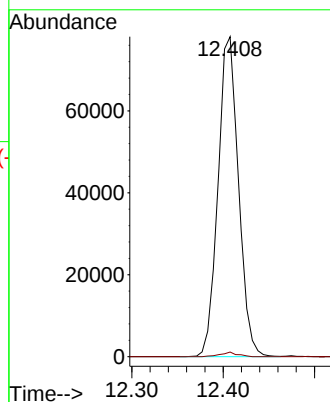
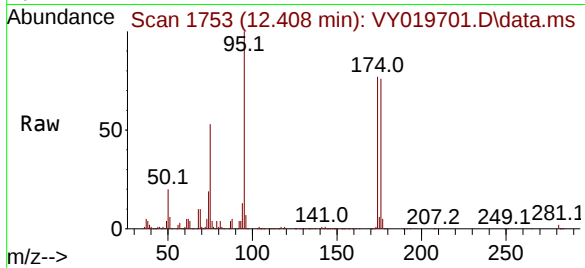




#76
1,2,3-Trichloropropane
Concen: 67.159 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 121855
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.926 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019701.D
Acq: 25 Sep 2024 17:35

Tgt Ion: 75 Resp: 121855
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

