

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121924\
 Data File : VY020654.D
 Acq On : 19 Dec 2024 14:49
 Operator : SY/MD
 Sample : P5306-05
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 00:54:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

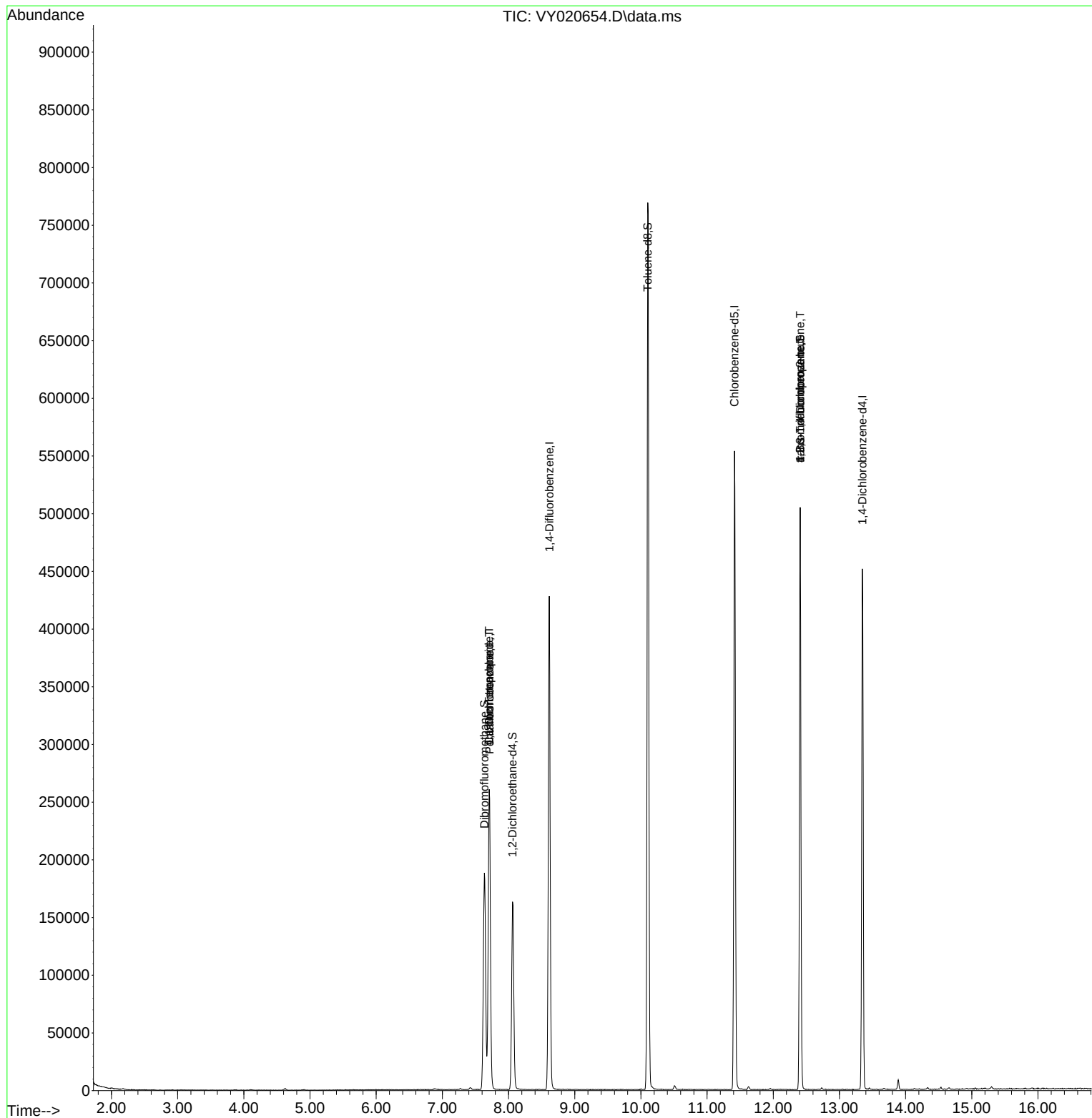
Internal Standards						
1) Pentafluorobenzene	7.713	168	200589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	351711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	114743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	128769	58.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.220%
35) Dibromofluoromethane	7.634	113	134776	54.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.103	98	508524	58.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	117.220%
62) 4-Bromofluorobenzene	12.407	95	155211	45.733	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.460%
Target Compounds						
16) Acetone	3.879	43	566	Below Cal	#	43
30) Chloroform	7.421	83	1495	Below Cal		98
36) 1,1-Dichloropropene	7.707	75	15630	3.458	ug/l #	51
38) Carbon Tetrachloride	7.707	117	20421	4.084	ug/l #	14
76) 1,2,3-Trichloropropane	12.407	75	80286	67.356	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	80286	141.384	ug/l #	12

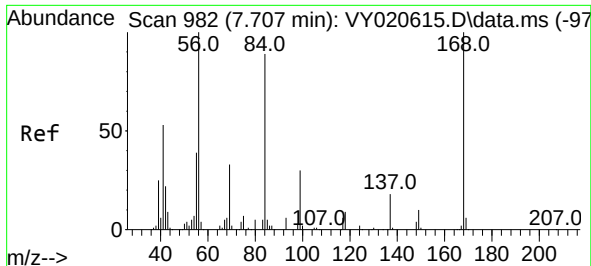
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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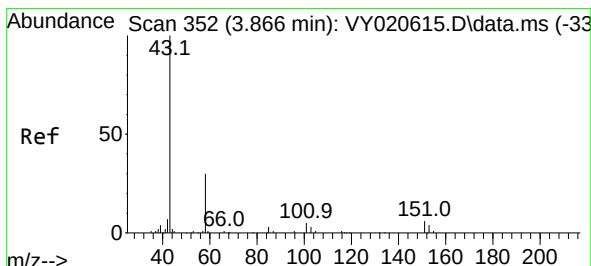
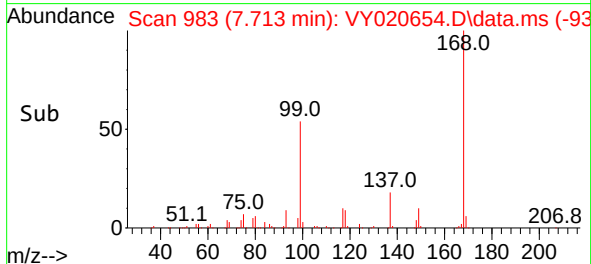
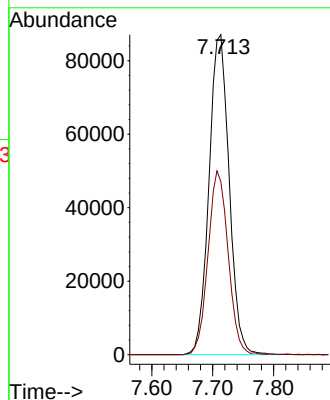
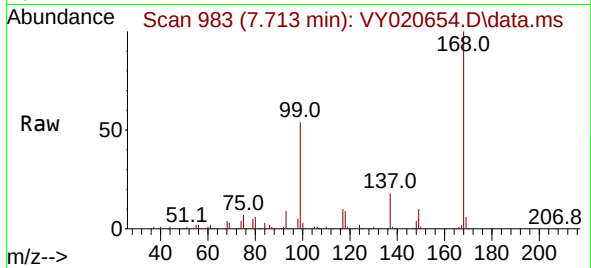




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

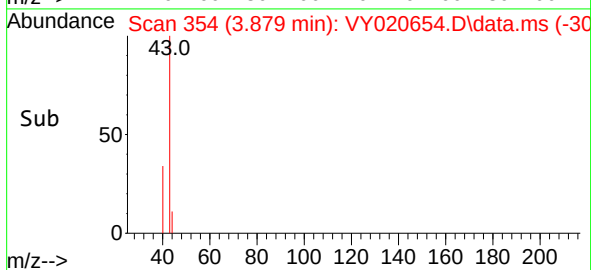
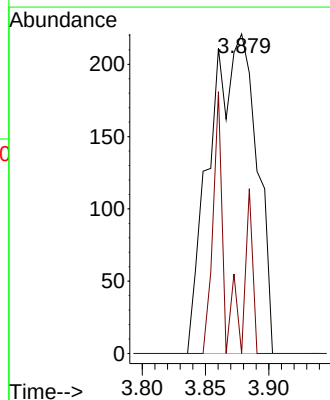
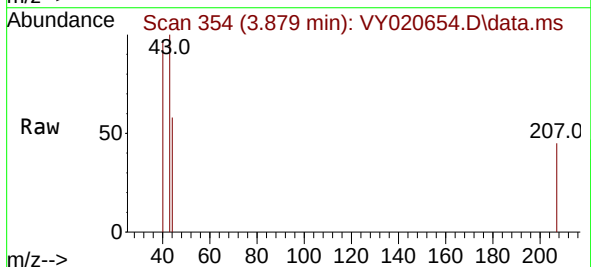
Instrument :
MSVOA_Y
ClientSampleId :

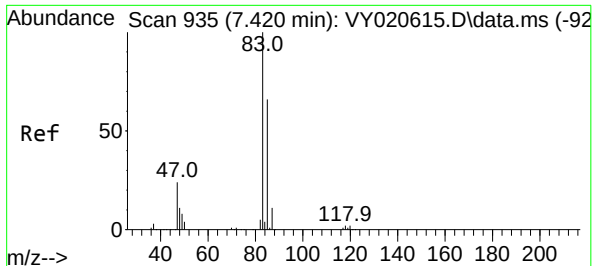
Tgt Ion:168 Resp: 200589
Ion Ratio Lower Upper
168 100
99 54.1 47.0 70.6



#16
Acetone
Concen: Below Cal
RT: 3.879 min Scan# 354
Delta R.T. 0.013 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#

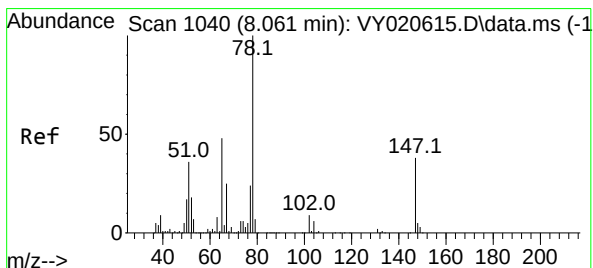
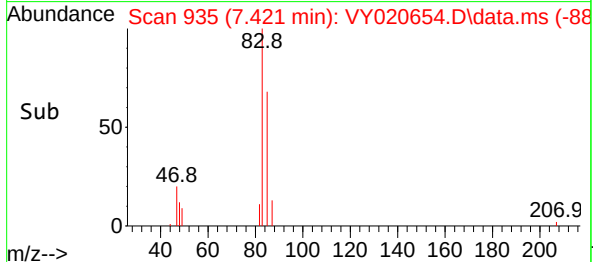
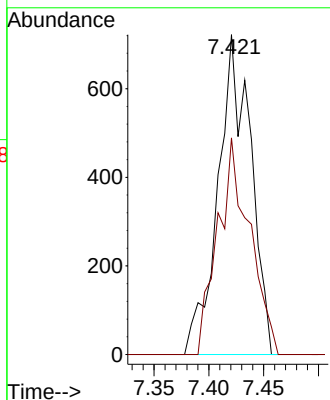
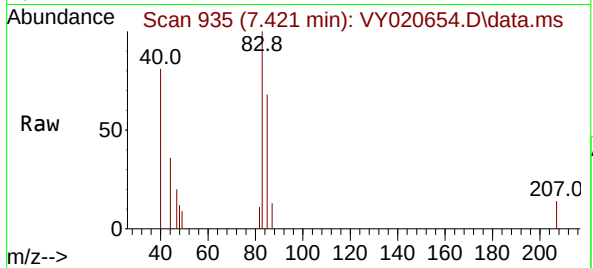




#30
Chloroform
Concen: Below Cal
RT: 7.421 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

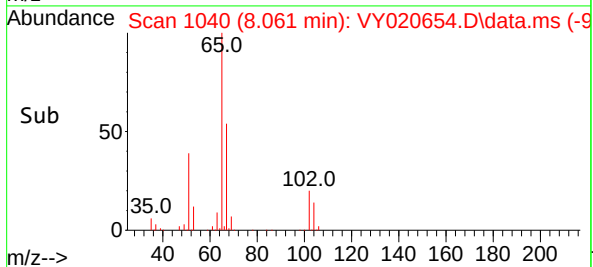
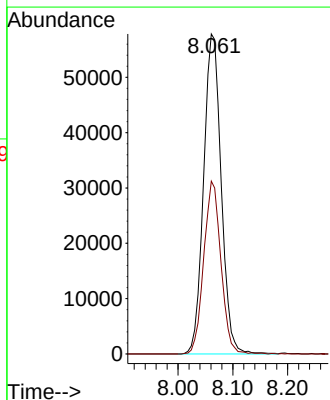
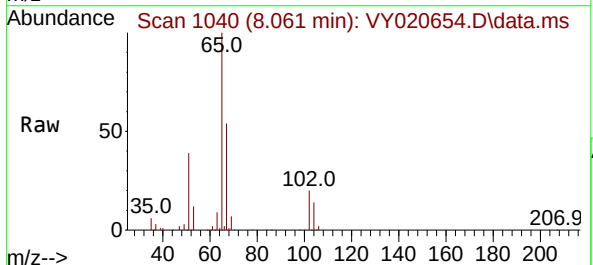
Instrument :
MSVOA_Y
ClientSampleId :

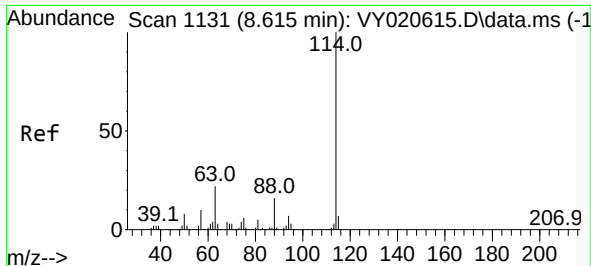
Tgt Ion: 83 Resp: 1495
Ion Ratio Lower Upper
83 100
85 67.7 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 58.615 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 65 Resp: 128769
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

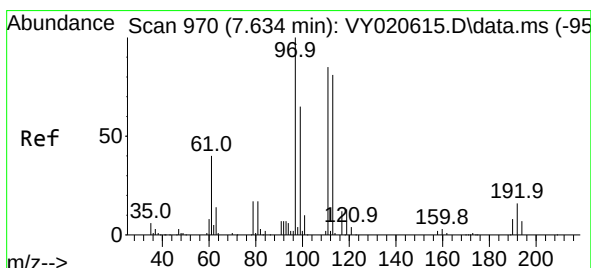
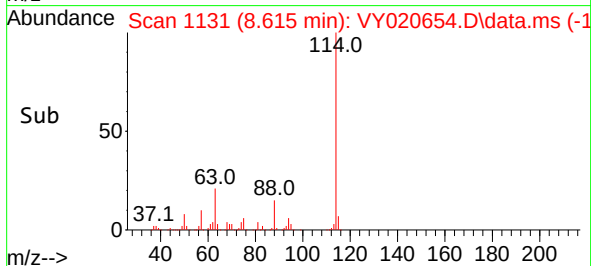
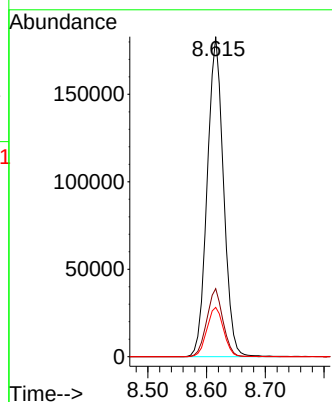
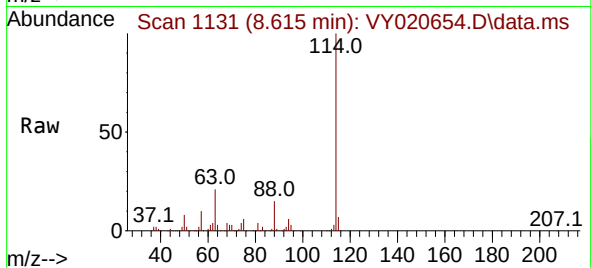
Tgt Ion:114 Resp: 351711

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.0

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.372 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

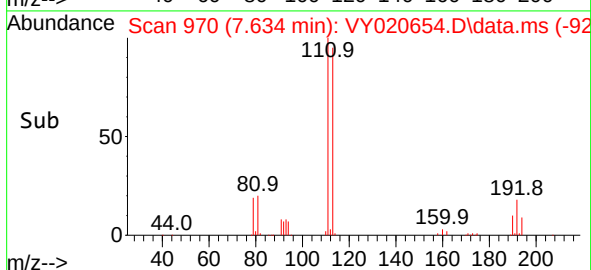
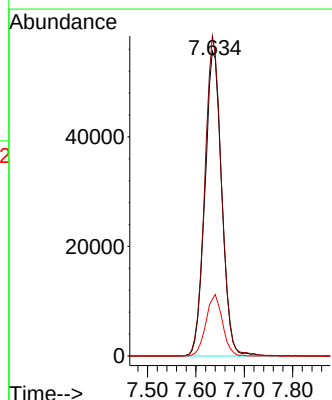
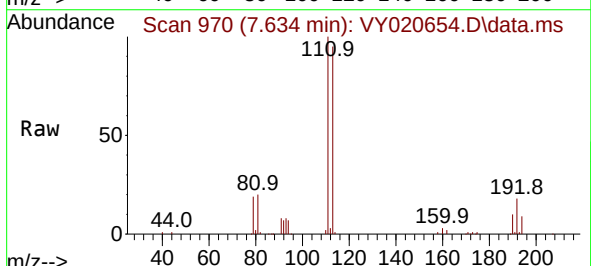
Tgt Ion:113 Resp: 134776

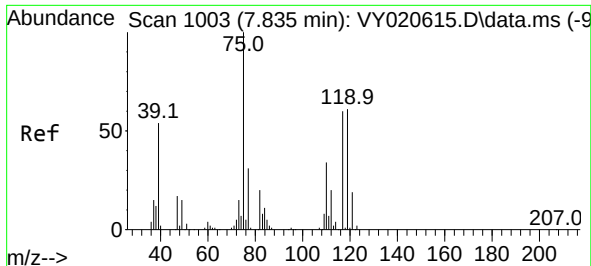
Ion Ratio Lower Upper

113 100

111 103.8 82.9 124.3

192 19.7 15.7 23.5





#36

1,1-Dichloropropene

Concen: 3.458 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

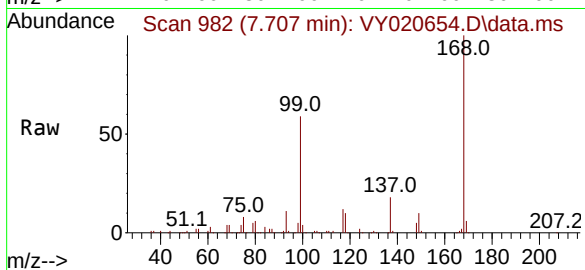
Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

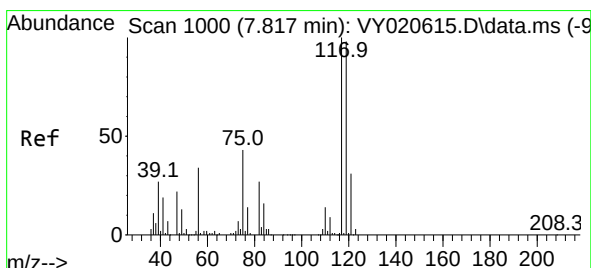
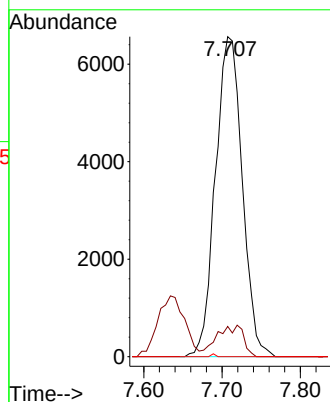
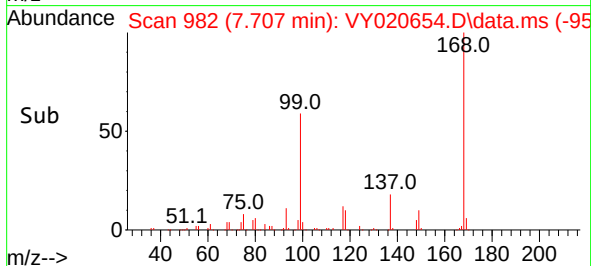
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 15630
Ion Ratio	Lower Upper
75	100
110	9.8 16.8 50.4#
77	0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 4.084 ug/l

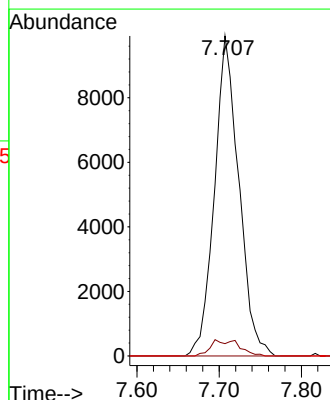
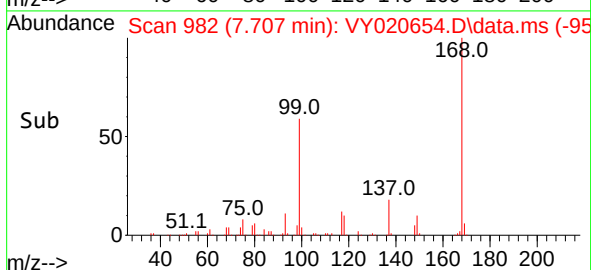
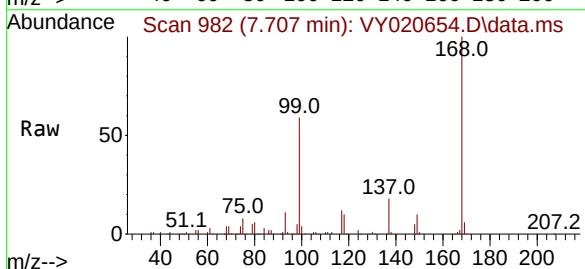
RT: 7.707 min Scan# 982

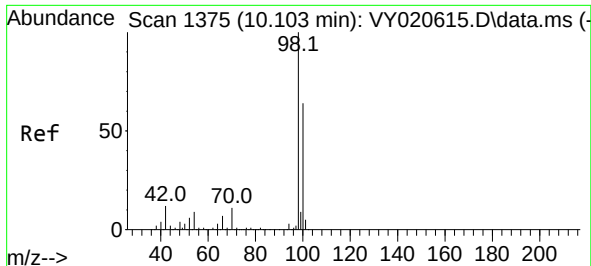
Delta R.T. -0.110 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

Tgt Ion: 117	Resp: 20421
Ion Ratio	Lower Upper
117	100
119	3.9 78.3 117.5#
121	0.0 25.1 37.7#

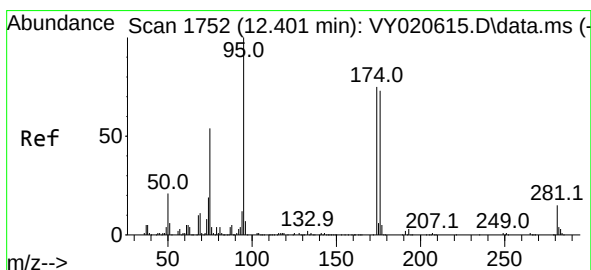
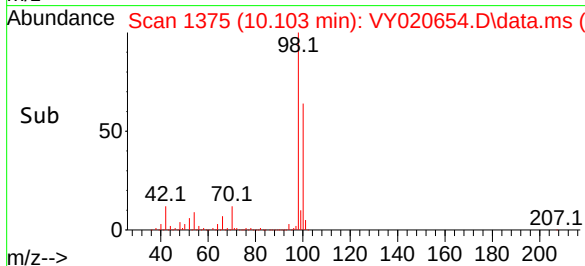
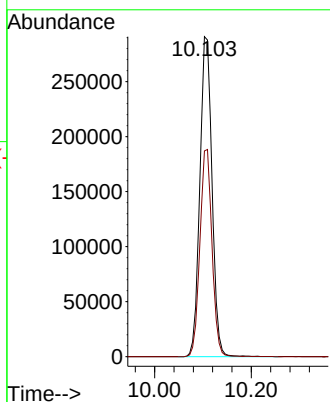
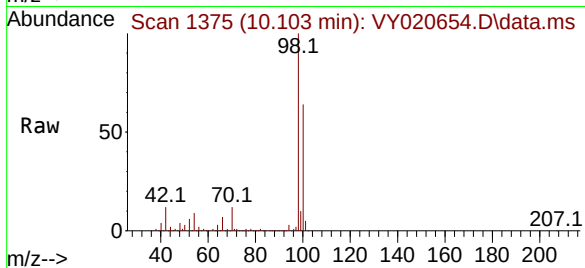




#50
Toluene-d8
Concen: 58.612 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

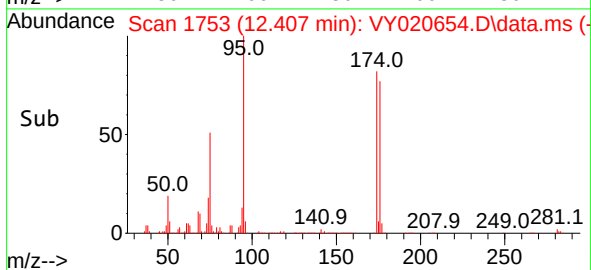
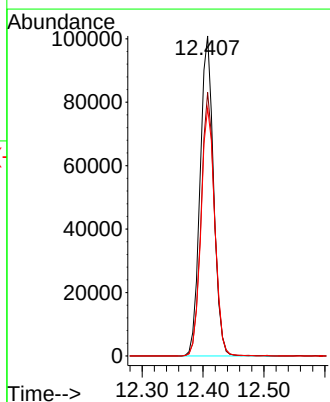
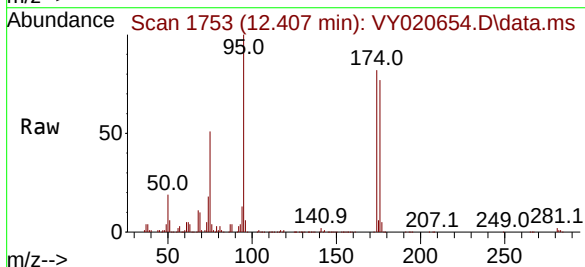
Instrument :
MSVOA_Y
ClientSampleId :

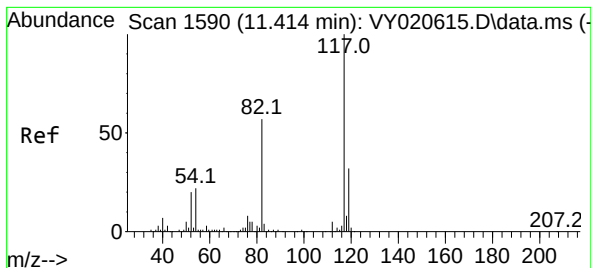
Tgt Ion: 98 Resp: 508524
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.733 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020654.D
Acq: 19 Dec 2024 14:49

Tgt Ion: 95 Resp: 155211
Ion Ratio Lower Upper
95 100
174 81.8 0.0 161.8
176 79.2 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_Y

ClientSampleId :

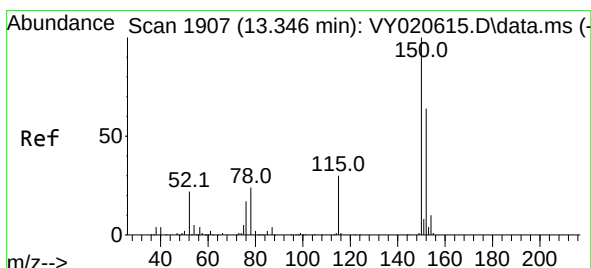
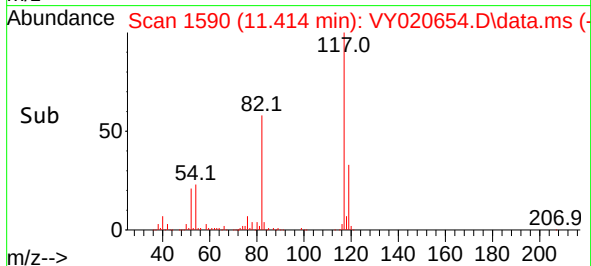
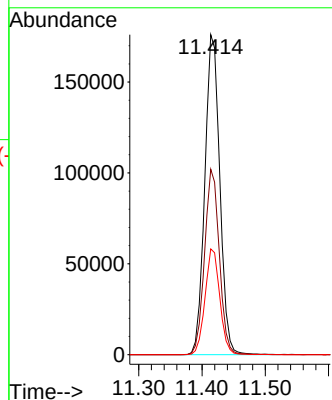
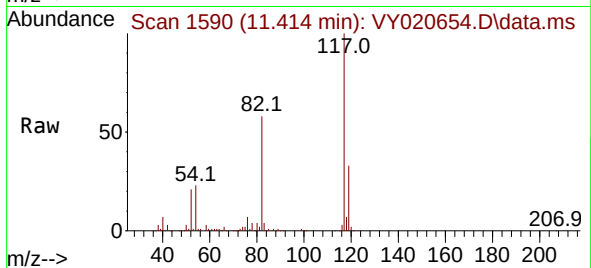
Tgt Ion:117 Resp: 291130

Ion Ratio Lower Upper

117 100

82 58.0 45.8 68.6

119 33.0 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

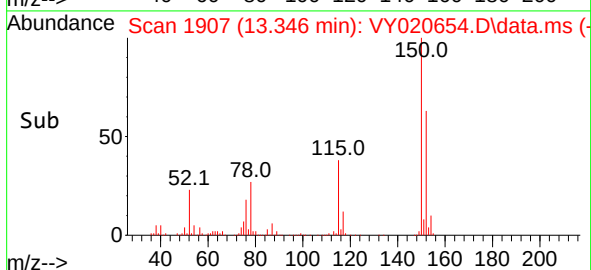
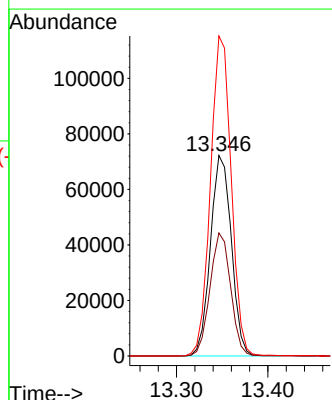
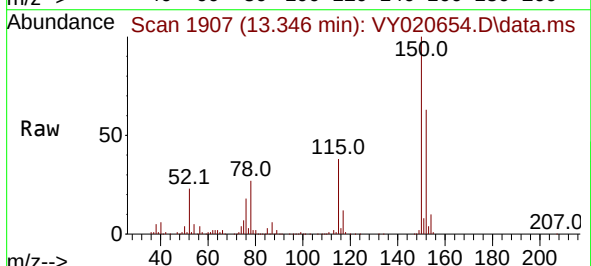
Tgt Ion:152 Resp: 114743

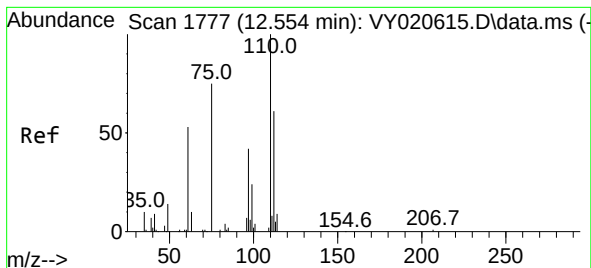
Ion Ratio Lower Upper

152 100

115 60.5 30.2 90.6

150 158.1 0.0 355.4





#76

1,2,3-Trichloropropane

Concen: 67.356 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

Instrument :

MSVOA_Y

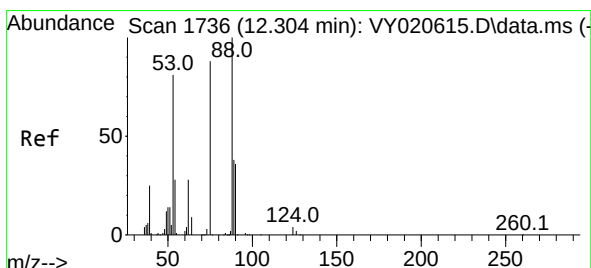
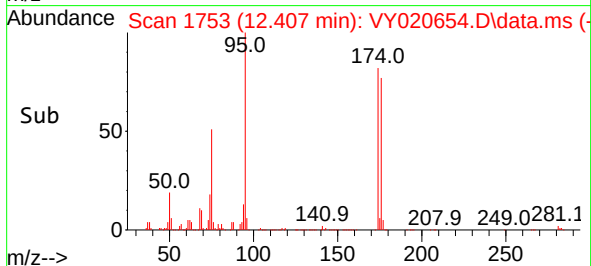
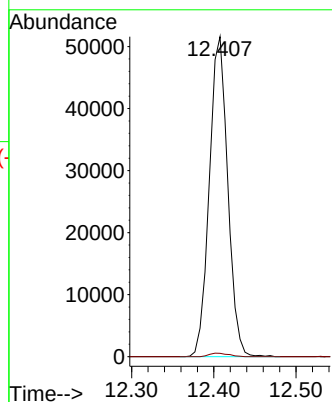
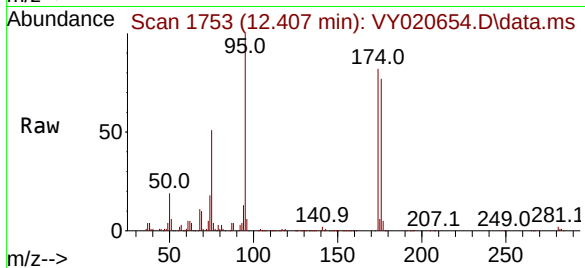
ClientSampleId :

Tgt Ion: 75 Resp: 80286

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.384 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY020654.D

Acq: 19 Dec 2024 14:49

Tgt Ion: 75 Resp: 80286

Ion Ratio Lower Upper

75 100

53 0.1 75.4 113.2#

89 0.0 37.0 55.4#

