

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
 Data File : VY020752.D
 Acq On : 30 Dec 2024 13:22
 Operator : SY/MD
 Sample : VY1230SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 31 00:37:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

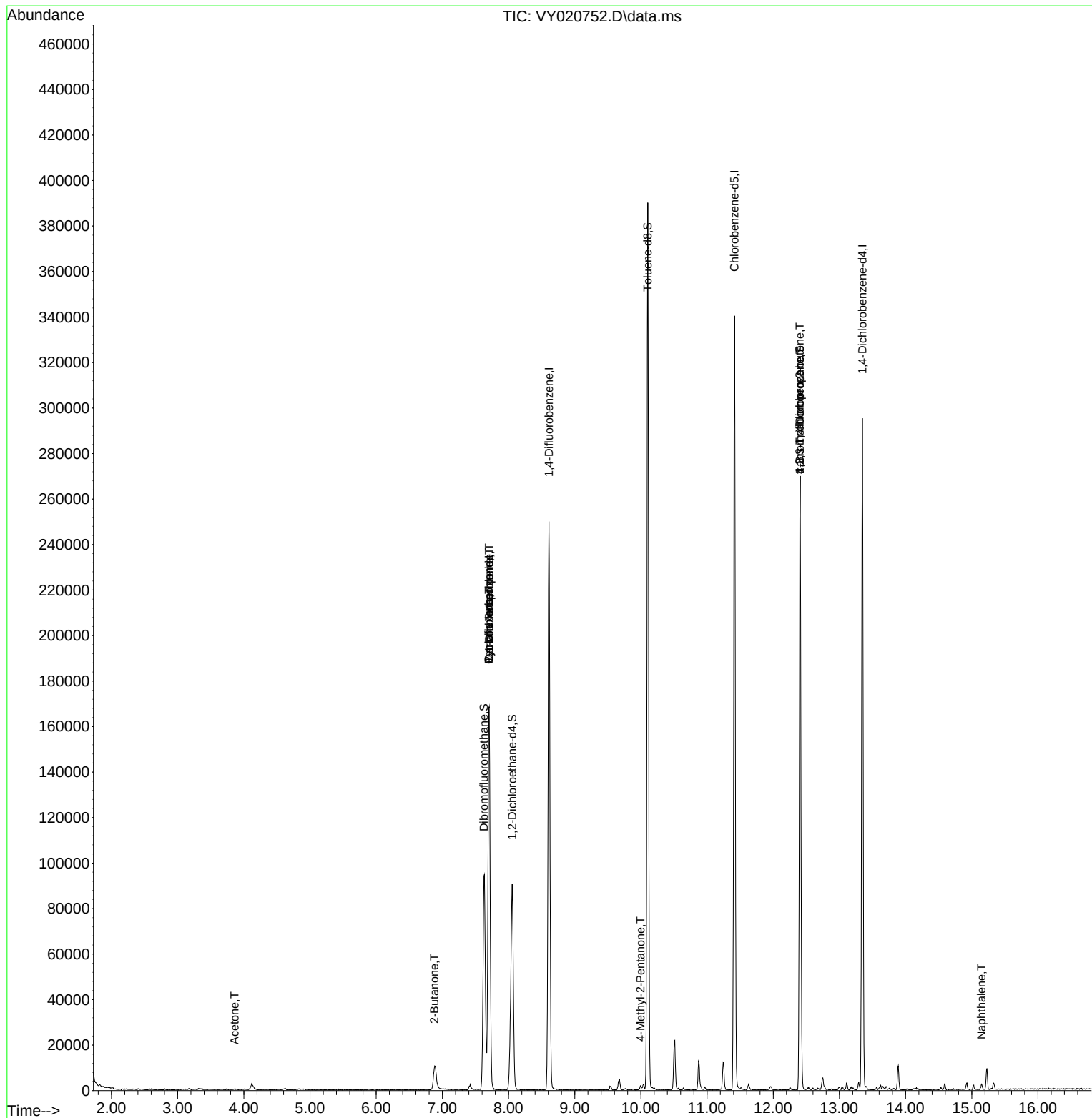
Internal Standards						
1) Pentafluorobenzene	7.701	168	133756	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.610	114	216108	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.414	117	185225	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.346	152	76871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	63493	57.954	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.900%	
35) Dibromofluoromethane	7.628	113	66165	55.584	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.103	98	252784	53.285	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.560%	
62) 4-Bromofluorobenzene	12.402	95	79267	50.108	ug/l	-0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 100.220%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.830	59	175	Below Cal	#	89
16) Acetone	3.860	43	543	3.907	ug/l #	43
25) 2-Butanone	6.878	43	545	2.903	ug/l #	38
31) Cyclohexane	7.701	56	2410	1.712	ug/l #	7
36) 1,1-Dichloropropene	7.707	75	9556	6.077	ug/l #	49
38) Carbon Tetrachloride	7.707	117	12916	4.988	ug/l #	17
51) 4-Methyl-2-Pentanone	9.993	43	1315	2.474	ug/l #	85
76) 1,2,3-Trichloropropane	12.402	75	41660	85.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	41660	168.427	ug/l #	8
95) Naphthalene	15.145	128	2127	1.017	ug/l	99

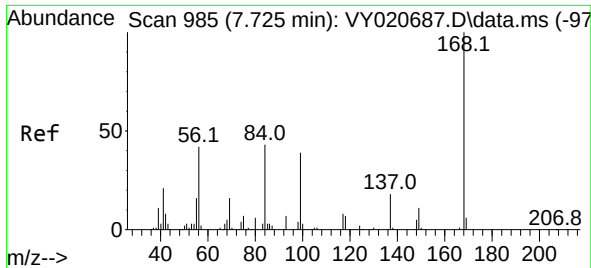
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY123024\
Data File : VY020752.D
Acq On : 30 Dec 2024 13:22
Operator : SY/MD
Sample : VY1230SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 31 00:37:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

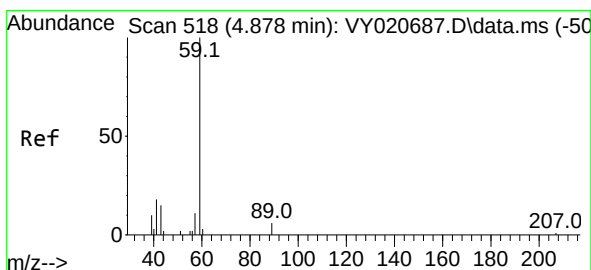
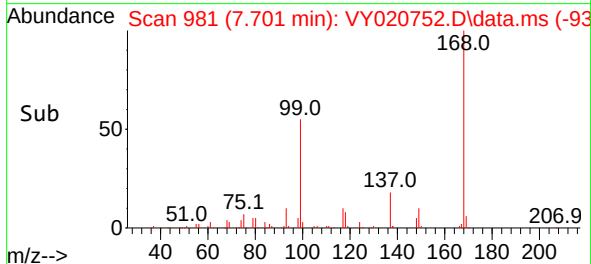
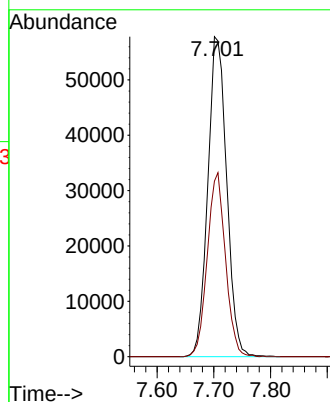
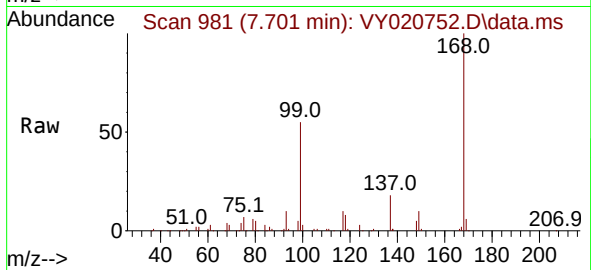




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.024 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

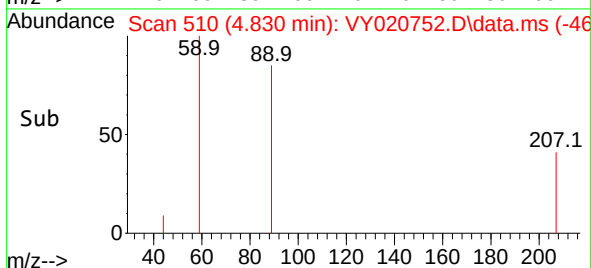
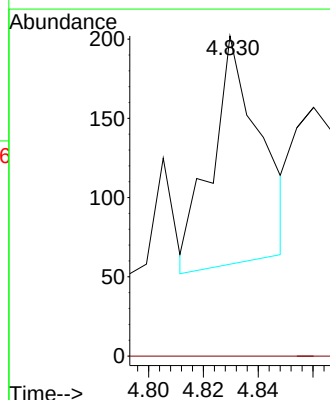
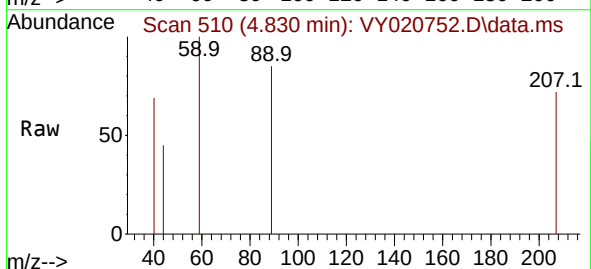
Instrument :
MSVOA_Y
ClientSampleId :

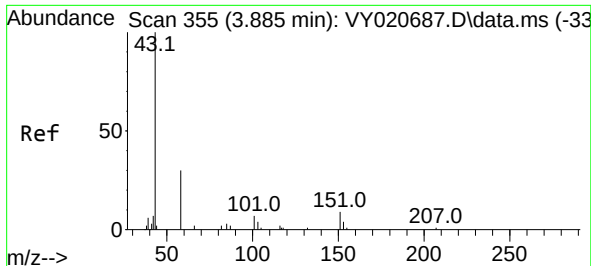
Tgt Ion:168 Resp: 133756
Ion Ratio Lower Upper
168 100
99 54.8 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.830 min Scan# 510
Delta R.T. -0.048 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

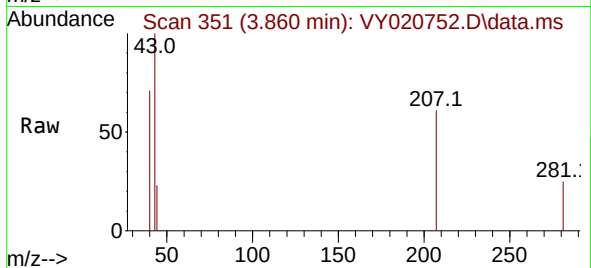
Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#



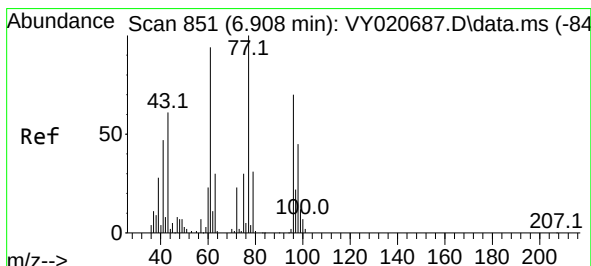
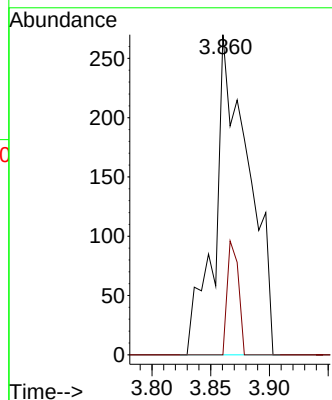
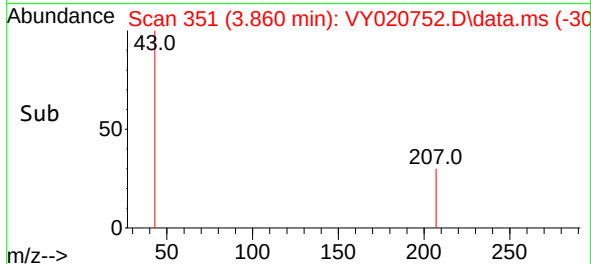


#16
Acetone
Concen: 3.907 ug/l
RT: 3.860 min Scan# 311
Delta R.T. -0.025 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :

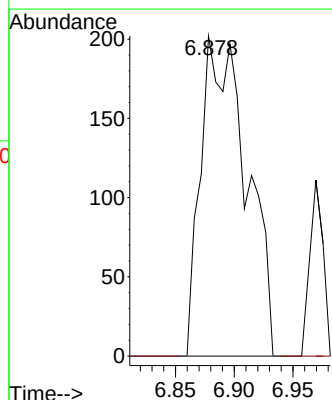
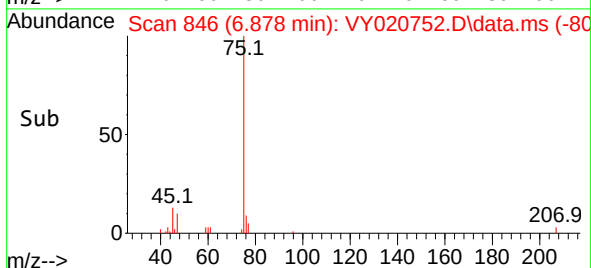
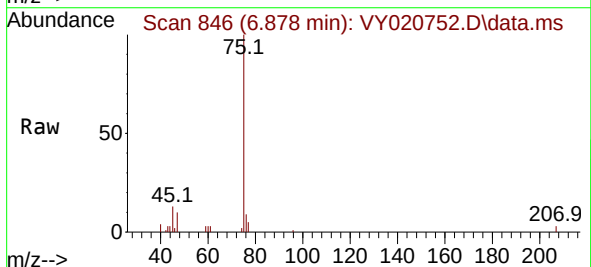


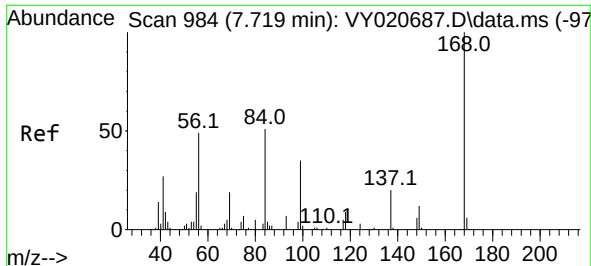
Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 0.0 25.0 37.6#



#25
2-Butanone
Concen: 2.903 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.030 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

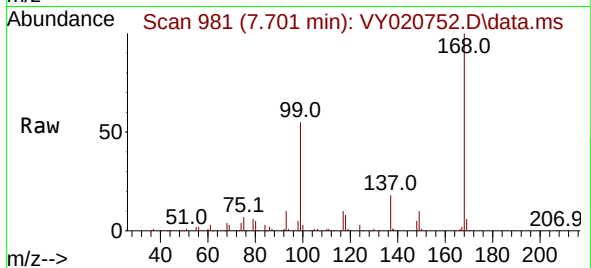
Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



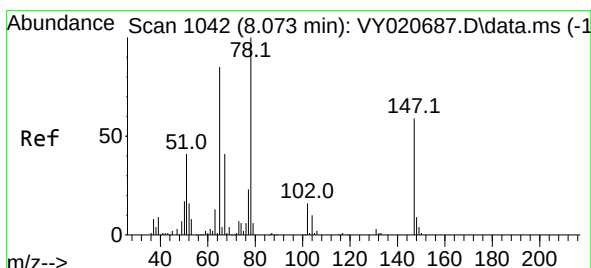
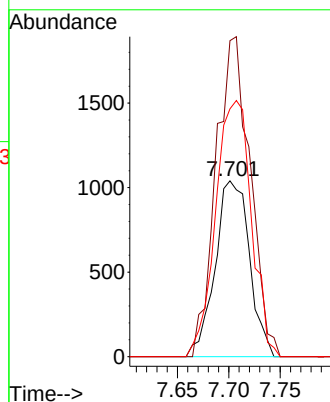
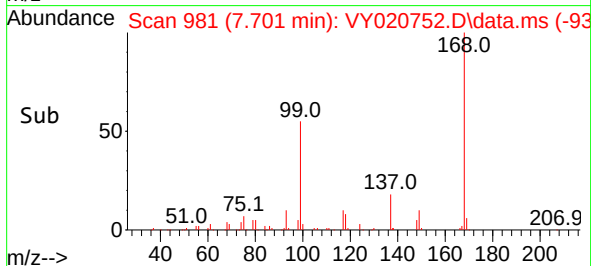


#31
Cyclohexane
Concen: 1.712 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :

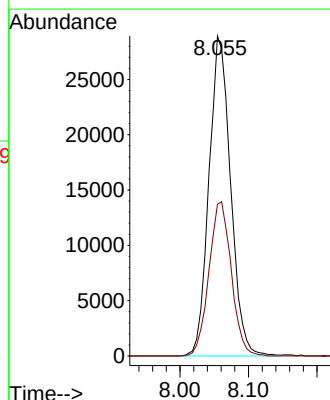
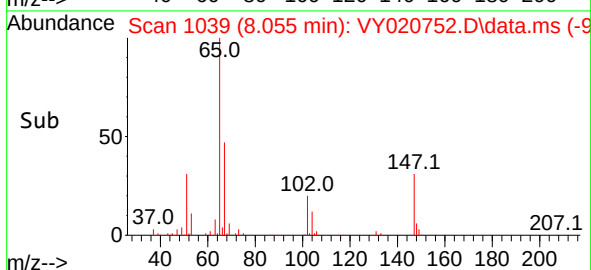
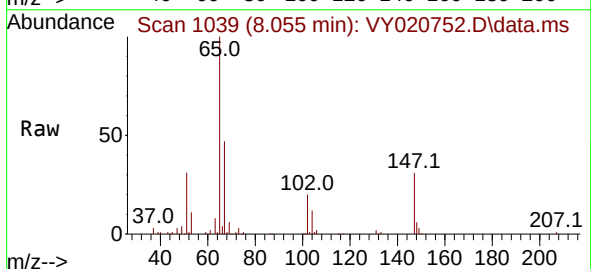


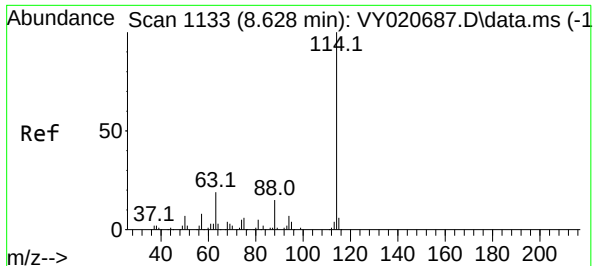
Tgt Ion: 56 Resp: 2410
Ion Ratio Lower Upper
56 100
69 179.7 31.3 46.9#
84 147.8 83.9 125.9#



#33
1,2-Dichloroethane-d4
Concen: 57.954 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.018 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Tgt Ion: 65 Resp: 63493
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1133

Delta R.T. -0.018 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

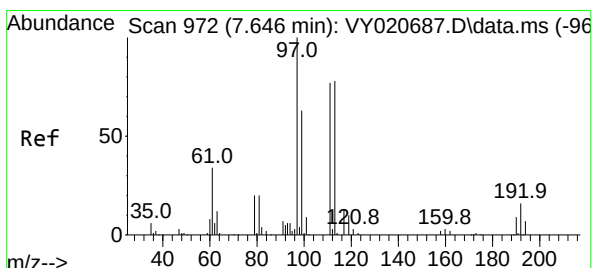
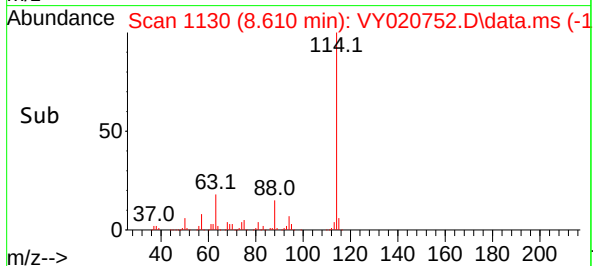
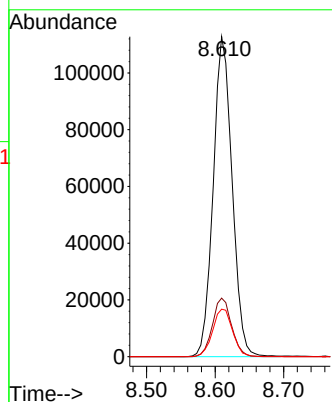
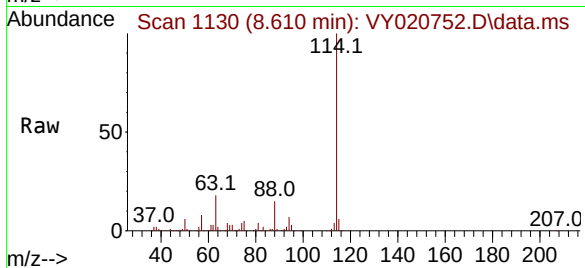
Tgt Ion:114 Resp: 216108

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.4

88 14.9 0.0 30.4



#35

Dibromofluoromethane

Concen: 55.584 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.018 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

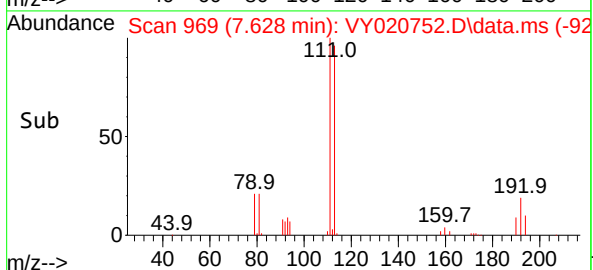
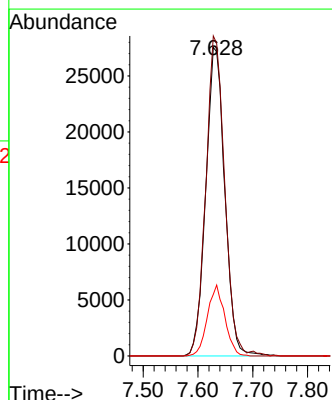
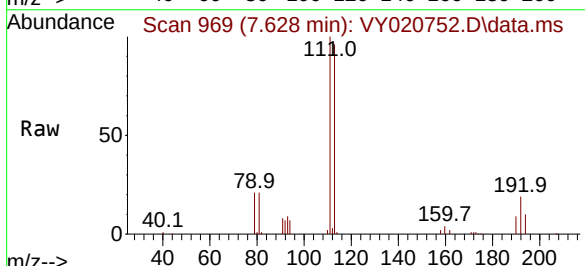
Tgt Ion:113 Resp: 66165

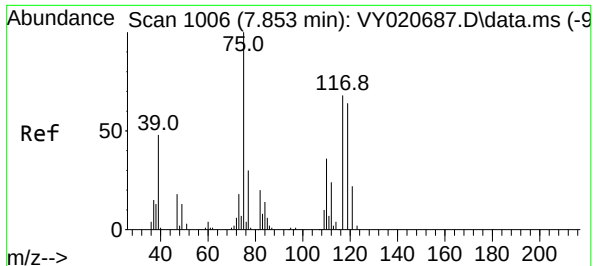
Ion Ratio Lower Upper

113 100

111 103.0 79.8 119.8

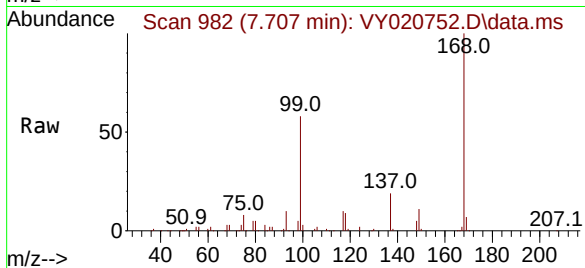
192 21.1 17.0 25.6



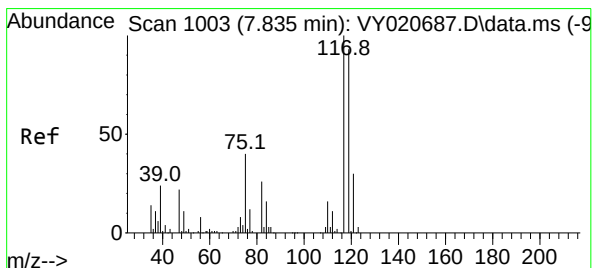
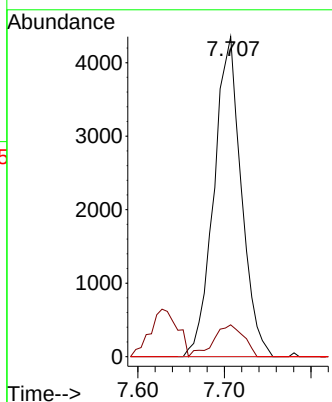
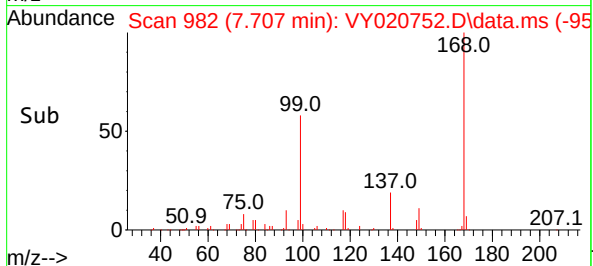


#36
1,1-Dichloropropene
Concen: 6.077 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.146 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :

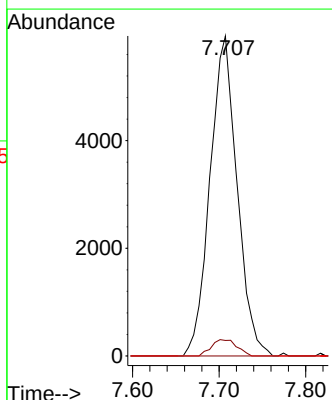
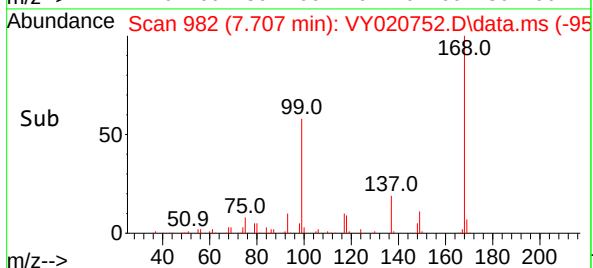
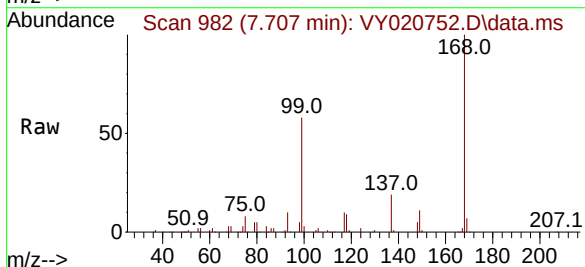


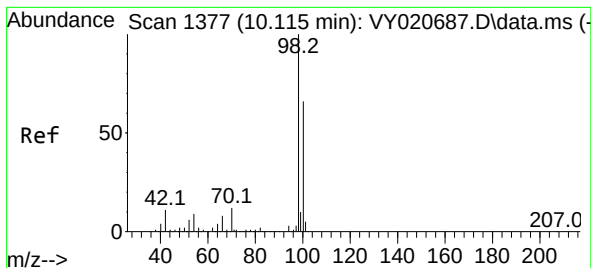
Tgt Ion: 75 Resp: 9556
Ion Ratio Lower Upper
75 100
110 10.6 19.6 58.7#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.988 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Tgt Ion:117 Resp: 12916
Ion Ratio Lower Upper
117 100
119 4.9 74.4 111.6#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 53.285 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.012 min

Lab File: VY020752.D

Acq: 30 Dec 2024 13:22

Instrument :

MSVOA_Y

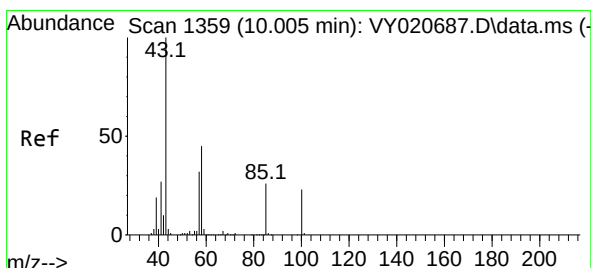
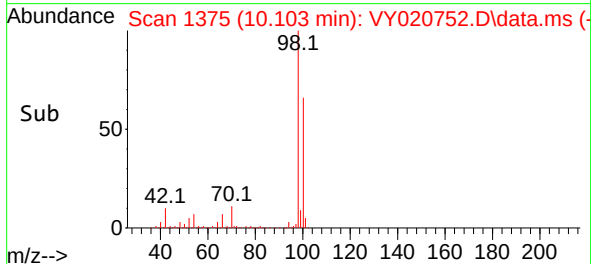
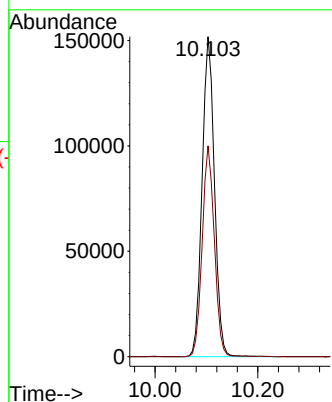
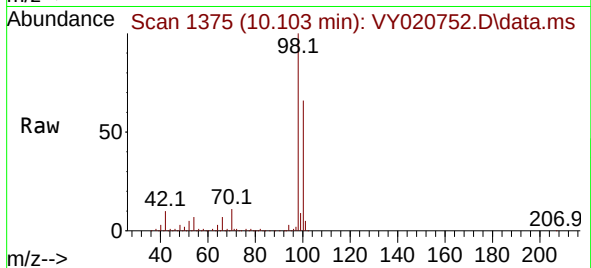
ClientSampleId :

Tgt Ion: 98 Resp: 252784

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 2.474 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.012 min

Lab File: VY020752.D

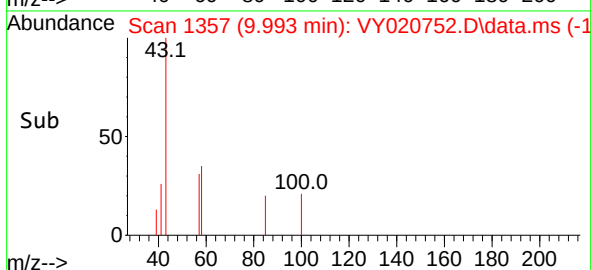
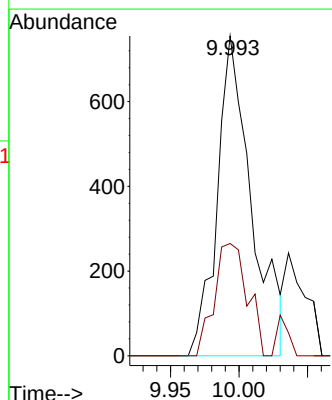
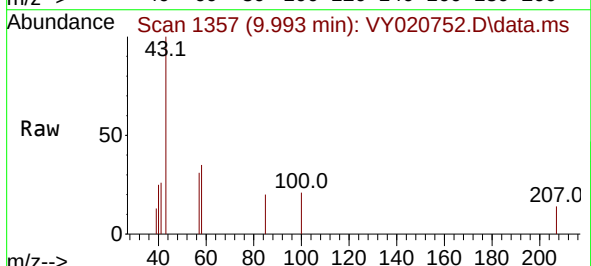
Acq: 30 Dec 2024 13:22

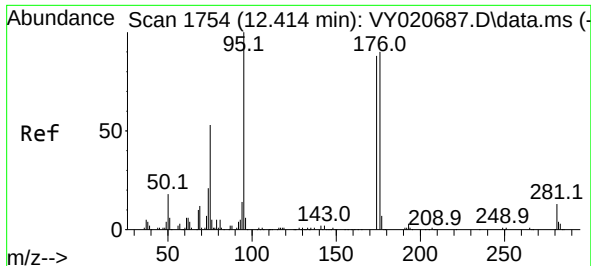
Tgt Ion: 43 Resp: 1315

Ion Ratio Lower Upper

43 100

58 34.0 35.1 52.7#

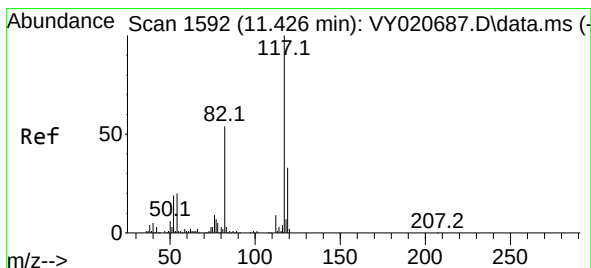
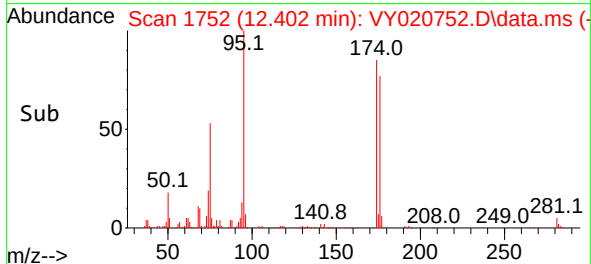
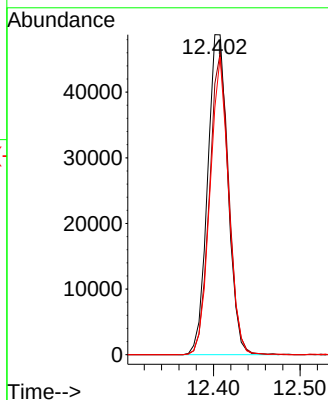
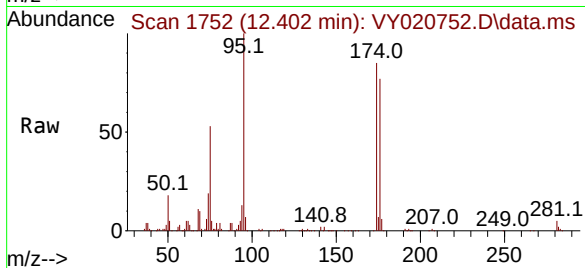




#62
4-Bromofluorobenzene
Concen: 50.108 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

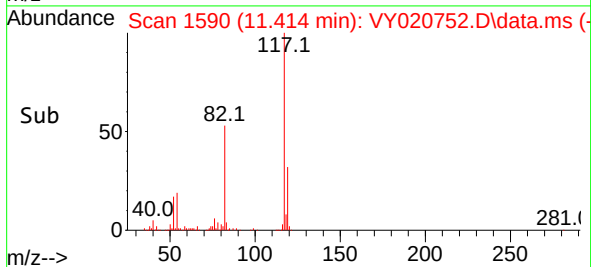
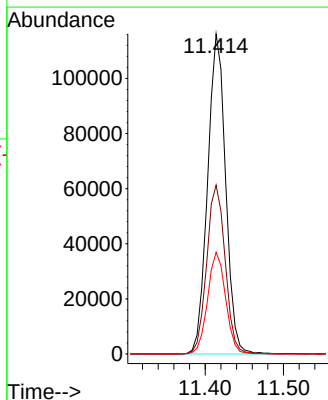
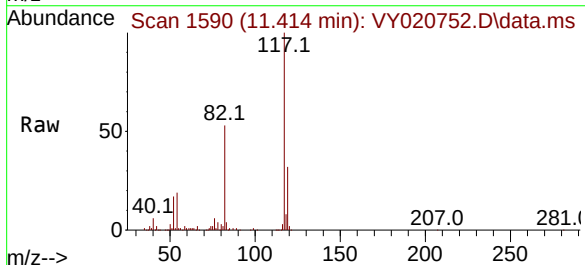
Instrument :
MSVOA_Y
ClientSampleId :

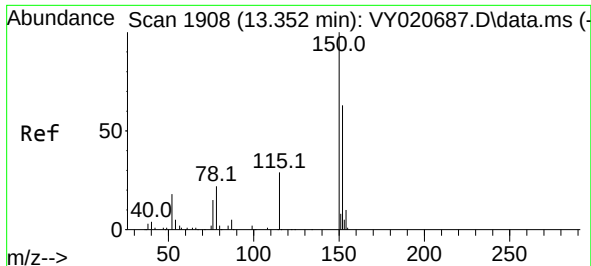
Tgt Ion: 95 Resp: 79267
Ion Ratio Lower Upper
95 100
174 90.2 0.0 179.2
176 85.6 0.0 179.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.012 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Tgt Ion: 117 Resp: 185225
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.2
119 31.8 26.6 39.8

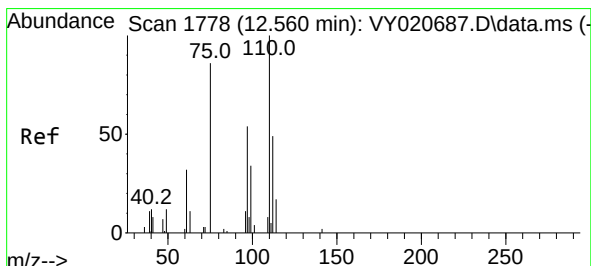
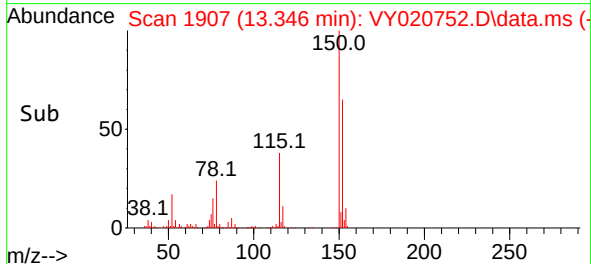
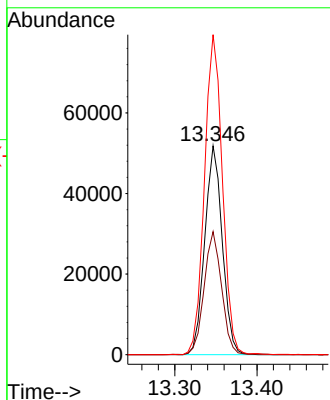
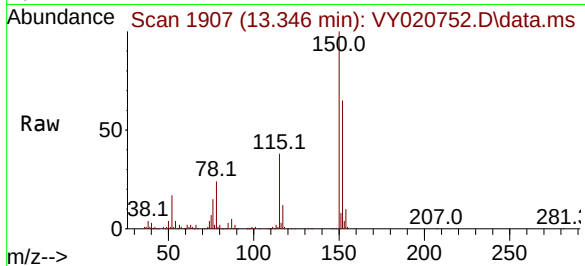




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: VY020752.D
 Acq: 30 Dec 2024 13:22

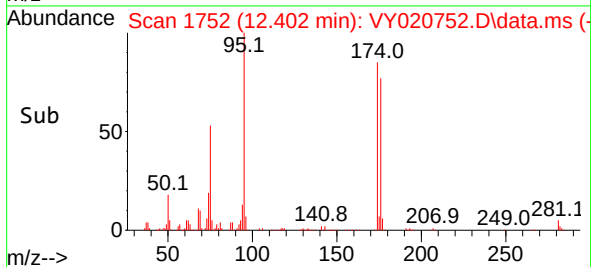
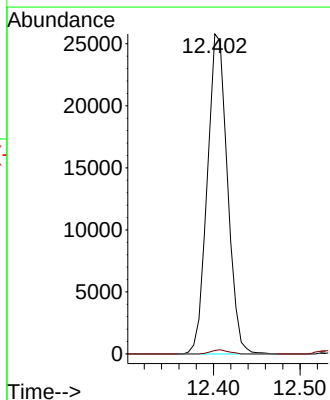
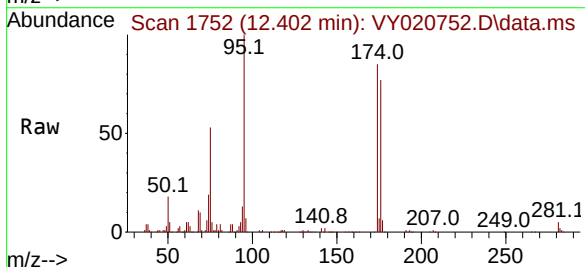
Instrument :
 MSVOA_Y
 ClientSampleId :

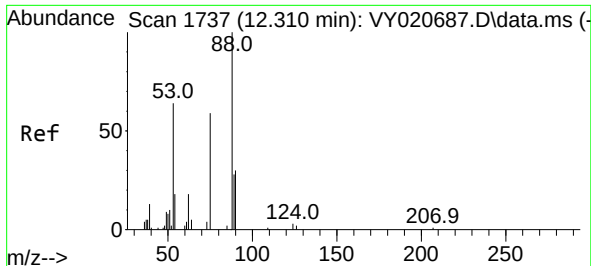
Tgt Ion:152 Resp: 76871
 Ion Ratio Lower Upper
 152 100
 115 58.7 30.3 90.9
 150 156.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 85.210 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020752.D
 Acq: 30 Dec 2024 13:22

Tgt Ion: 75 Resp: 41660
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

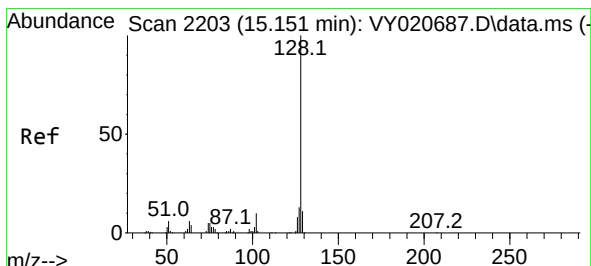
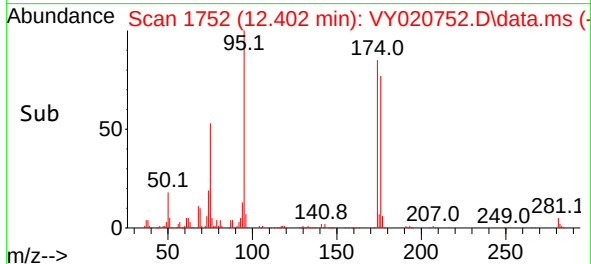
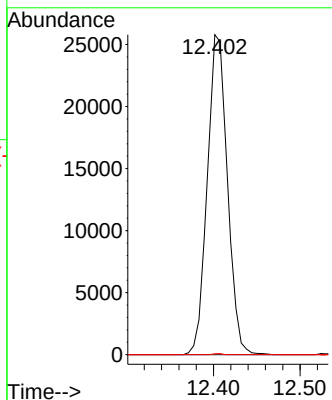
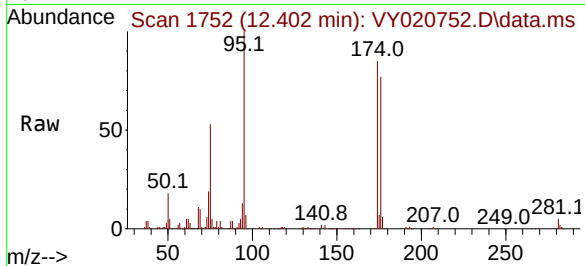




#81
trans-1,4-Dichloro-2-butene
Concen: 168.427 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.092 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 41660
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.2 40.6 61.0#



#95
Naphthalene
Concen: 1.017 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY020752.D
Acq: 30 Dec 2024 13:22

Tgt Ion: 128 Resp: 2127
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.1 8.6 12.8

