

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018804.D
 Acq On : 12 Jul 2024 17:54
 Operator : SY/MD
 Sample : P3207-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:43:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

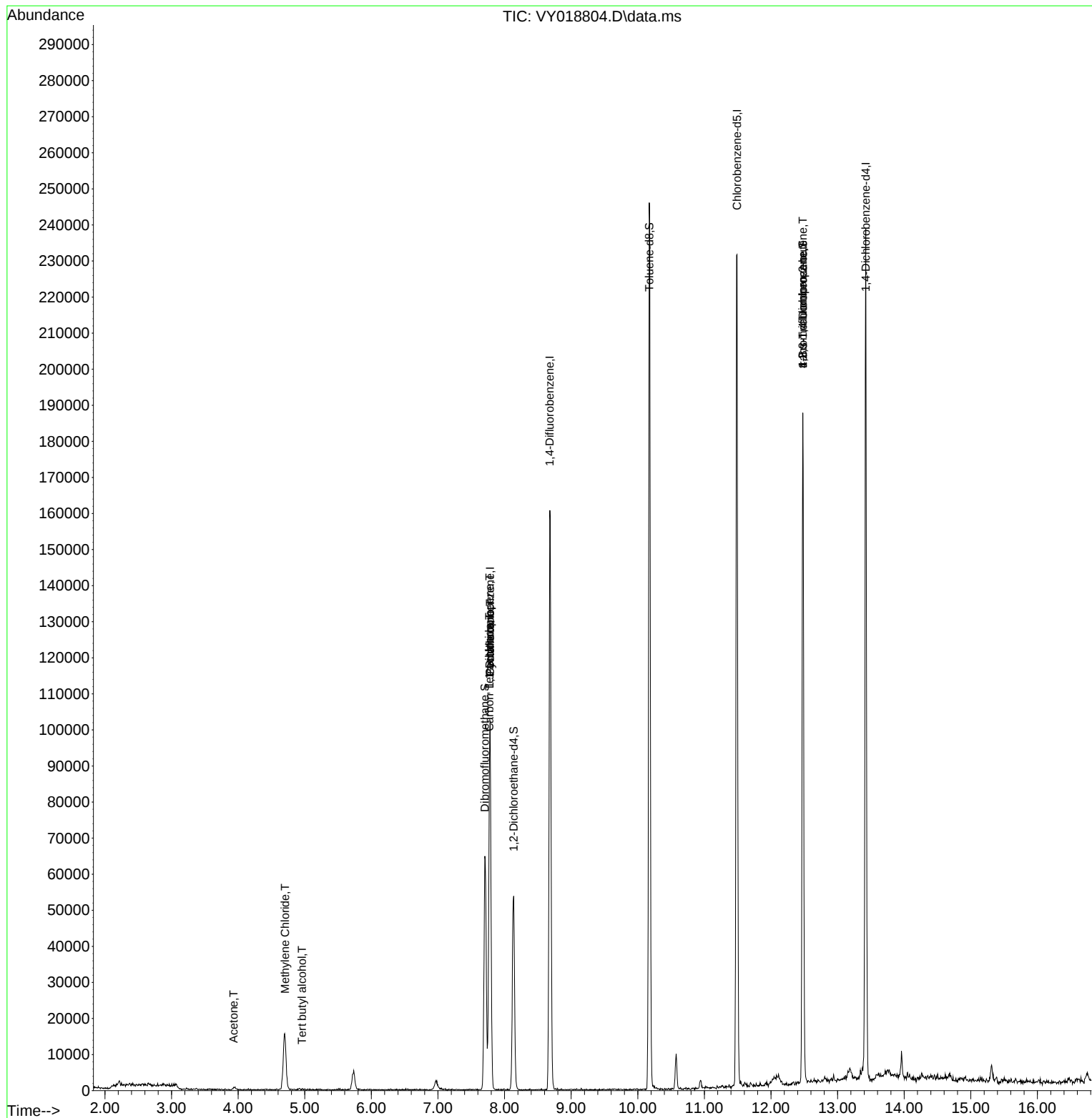
Internal Standards						
1) Pentafluorobenzene	7.783	168	80613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	142683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	132047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	43747	55.149	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.300%			
35) Dibromofluoromethane	7.704	113	44970	50.322	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.640%			
50) Toluene-d8	10.173	98	161276	47.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.260%			
62) 4-Bromofluorobenzene	12.477	95	54977	47.549	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	199	2.476	ug/l #	88
16) Acetone	3.930	43	663	4.533	ug/l #	51
20) Methylene Chloride	4.704	84	11671	10.134	ug/l	91
31) Cyclohexane	7.783	56	1725	1.415	ug/l #	35
36) 1,1-Dichloropropene	7.777	75	6114	4.958	ug/l #	50
38) Carbon Tetrachloride	7.771	117	7379	4.968	ug/l #	18
76) 1,2,3-Trichloropropane	12.477	75	30123	68.169	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30123	152.567	ug/l #	16

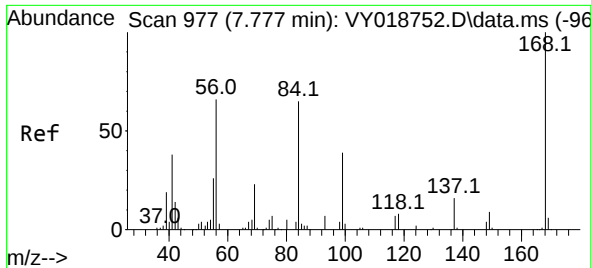
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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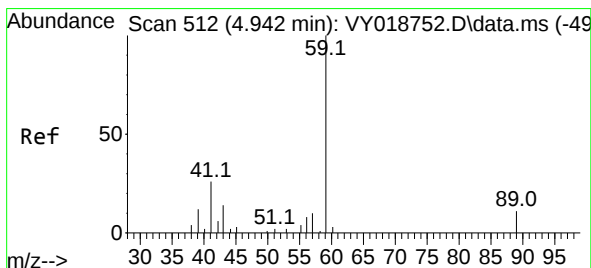
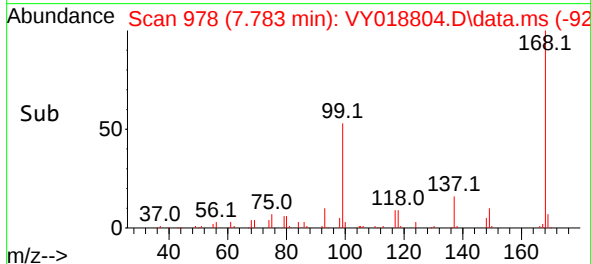
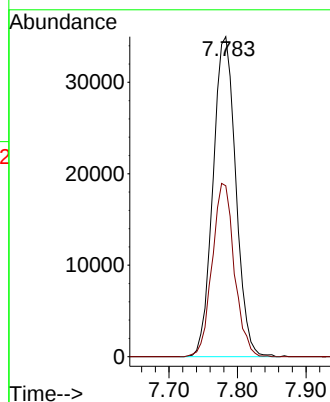
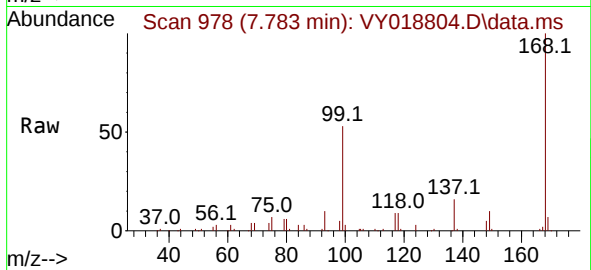




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018804.D
Acq: 12 Jul 2024 17:54

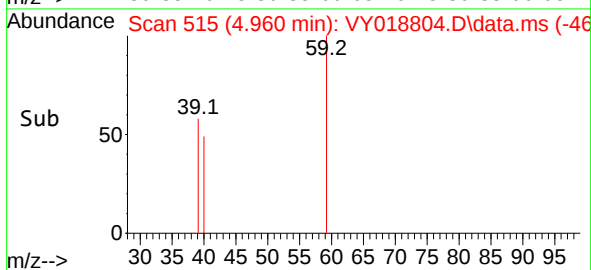
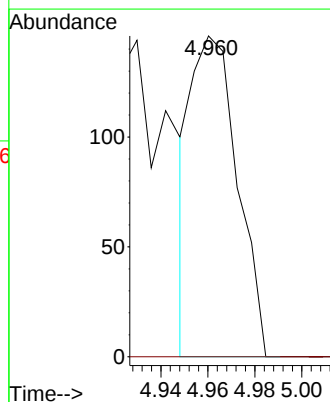
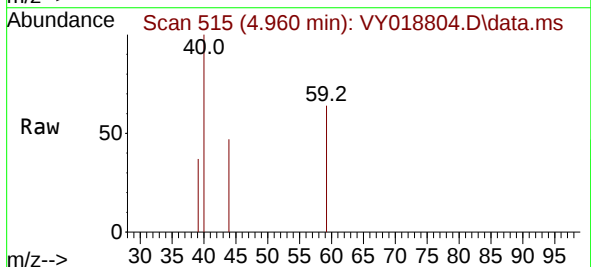
Instrument :
MSVOA_Y
ClientSampleId :

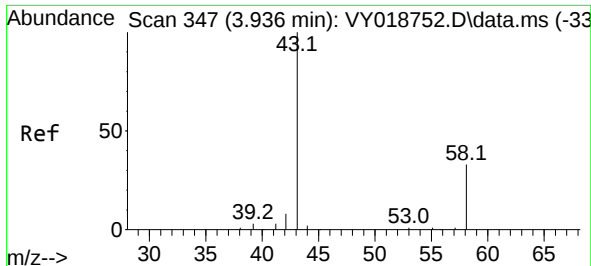
Tgt Ion:168 Resp: 80613
Ion Ratio Lower Upper
168 100
99 53.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.476 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.018 min
Lab File: VY018804.D
Acq: 12 Jul 2024 17:54

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.533 ug/l

RT: 3.930 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

Instrument :

MSVOA_Y

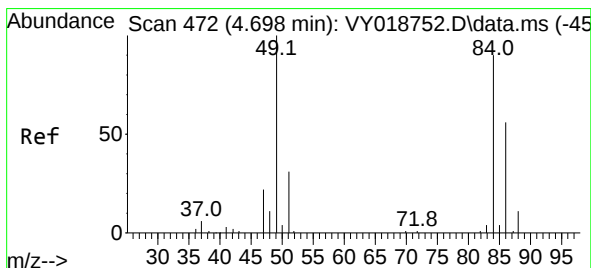
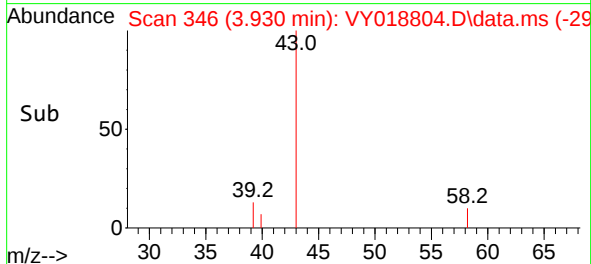
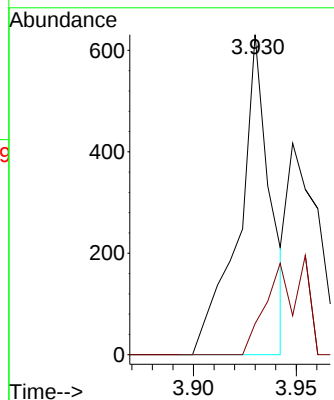
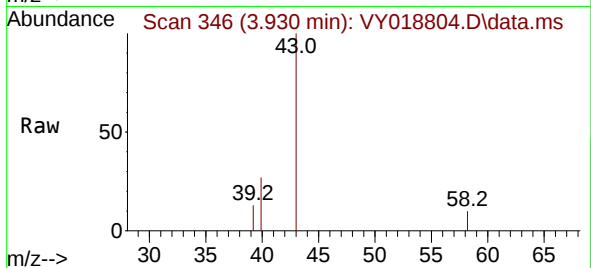
ClientSampleId :

Tgt Ion: 43 Resp: 663

Ion Ratio Lower Upper

43 100

58 9.7 31.7 47.5#



#20

Methylene Chloride

Concen: 10.134 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.006 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

Tgt Ion: 84 Resp: 11671

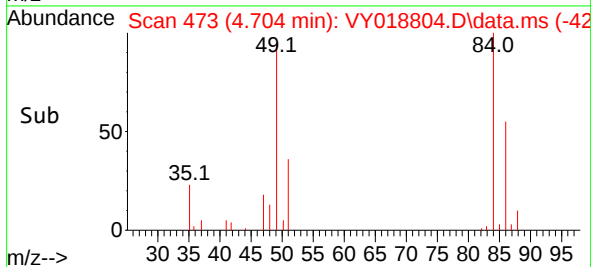
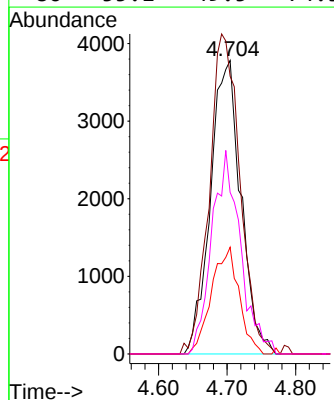
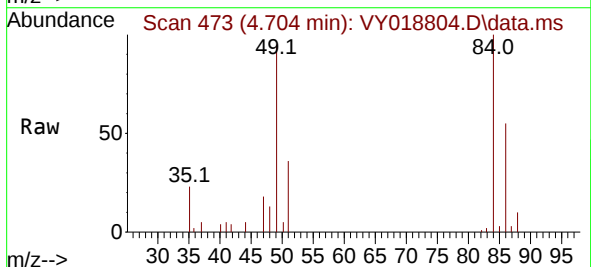
Ion Ratio Lower Upper

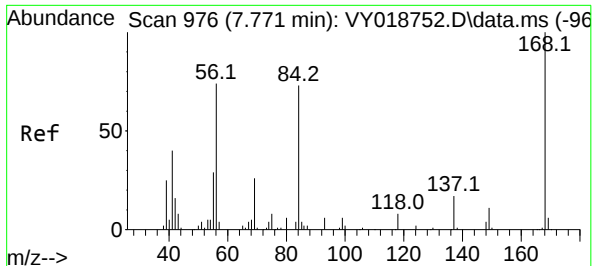
84 100

49 94.6 84.4 126.6

51 36.4 26.0 39.0

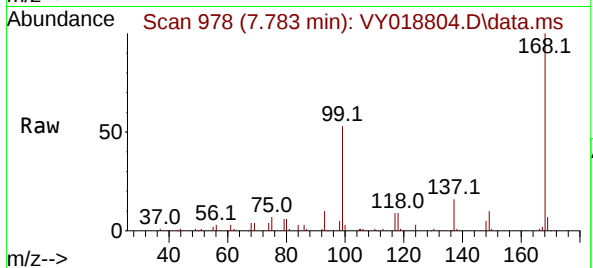
86 55.1 49.5 74.3



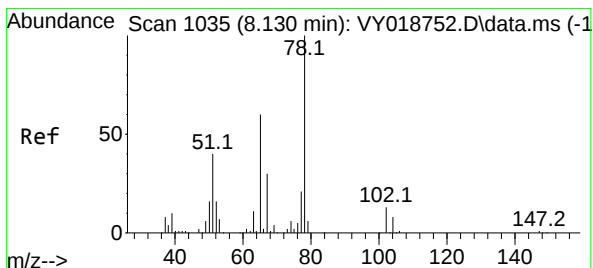
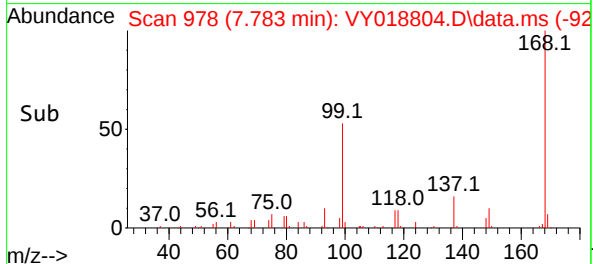
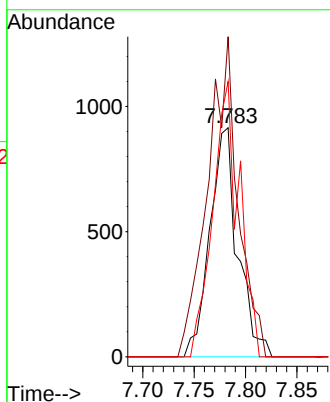


#31
Cyclohexane
Concen: 1.415 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018804.D
Acq: 12 Jul 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

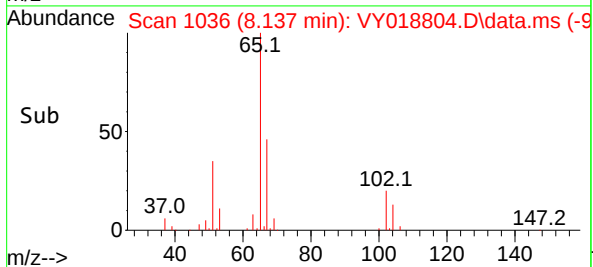
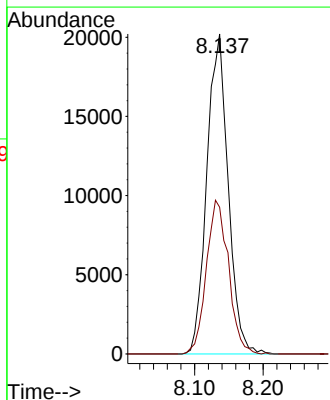
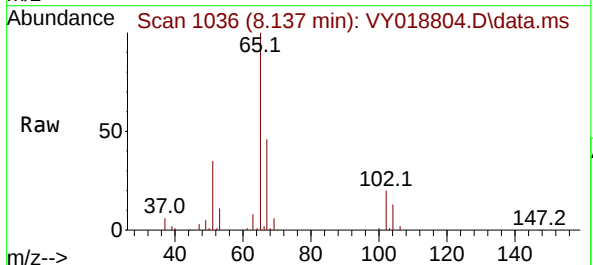


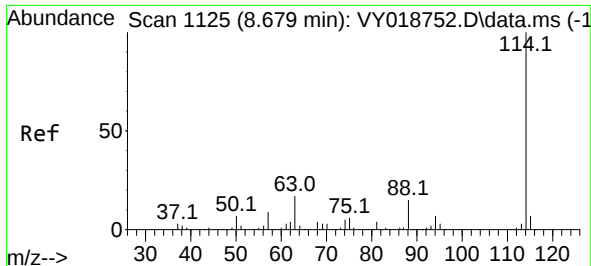
Tgt Ion: 56 Resp: 1725
Ion Ratio Lower Upper
56 100
69 139.8 28.7 43.1#
84 120.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.149 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018804.D
Acq: 12 Jul 2024 17:54

Tgt Ion: 65 Resp: 43747
Ion Ratio Lower Upper
65 100
67 49.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

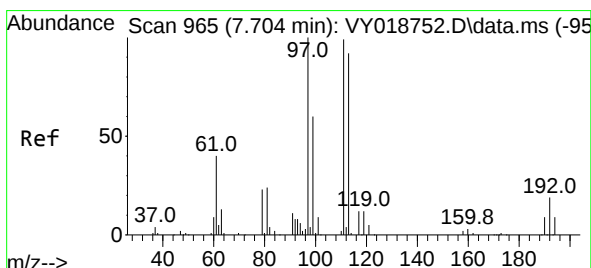
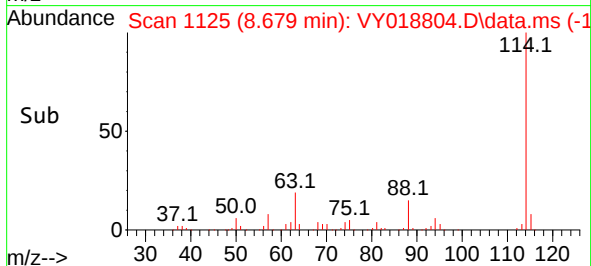
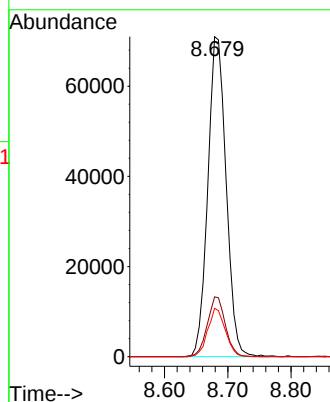
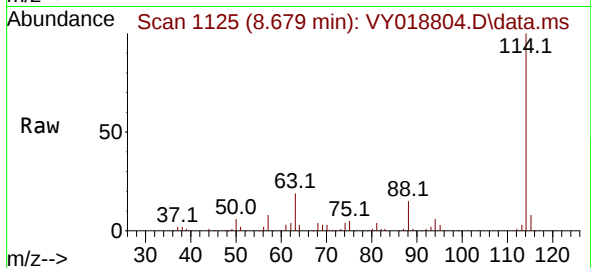
Tgt Ion:114 Resp: 142683

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.322 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

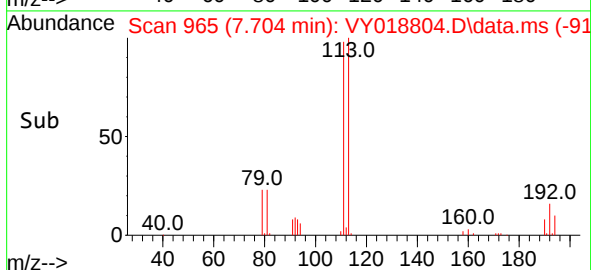
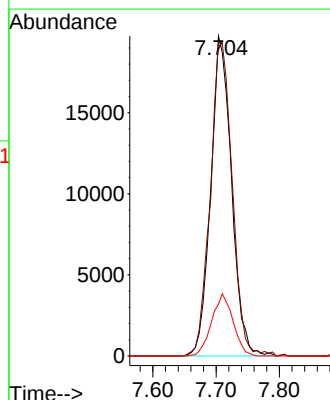
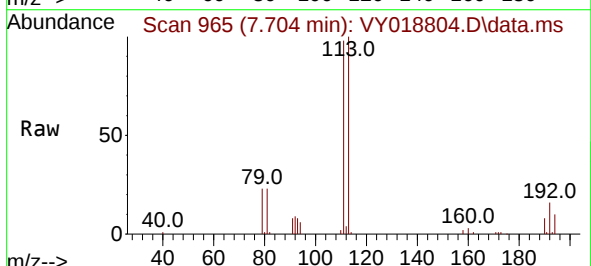
Tgt Ion:113 Resp: 44970

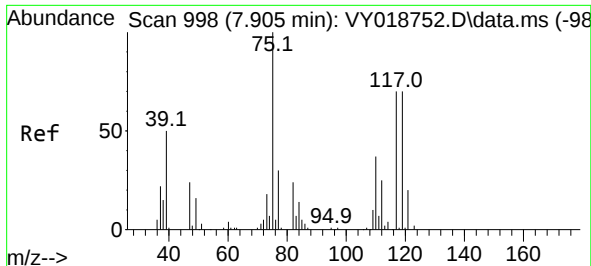
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

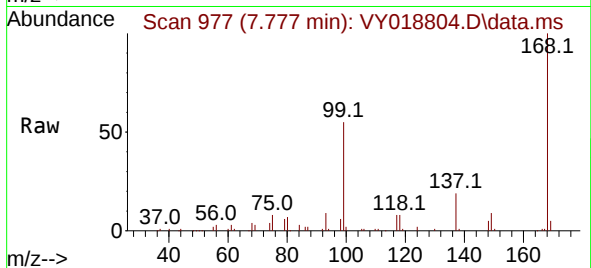
192 20.0 15.9 23.9



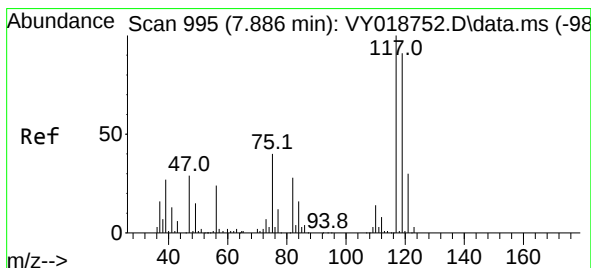
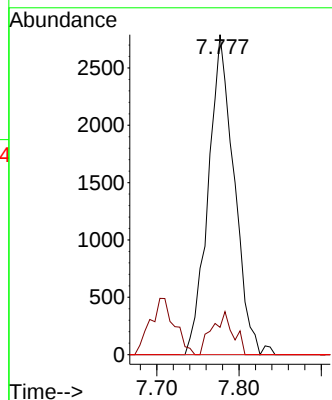
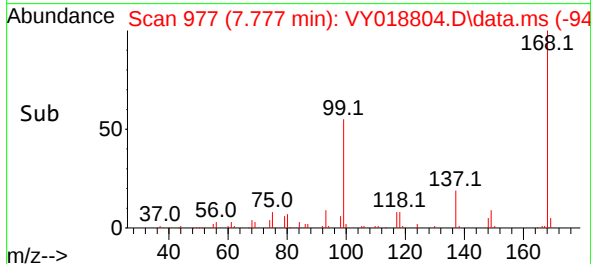


#36
 1,1-Dichloropropene
 Concen: 4.958 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018804.D
 Acq: 12 Jul 2024 17:54

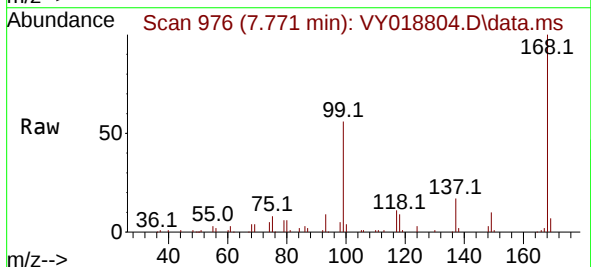
Instrument :
 MSVOA_Y
 ClientSampleId :



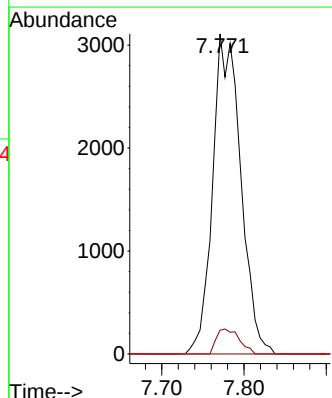
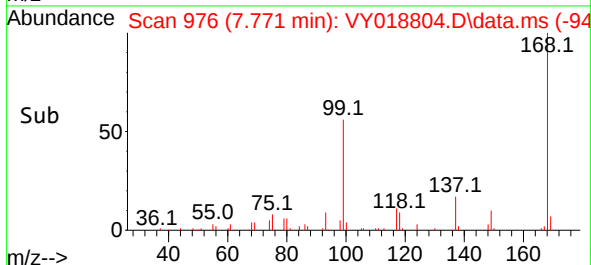
Tgt Ion: 75 Resp: 6114
 Ion Ratio Lower Upper
 75 100
 110 10.9 19.0 57.0#
 77 0.0 25.3 37.9#

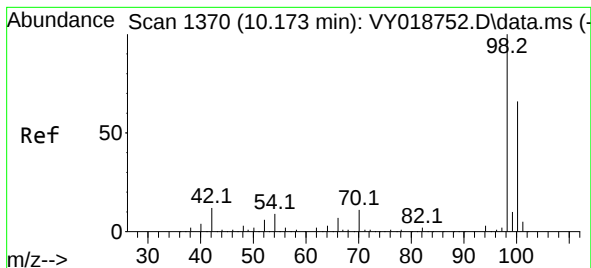


#38
 Carbon Tetrachloride
 Concen: 4.968 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. -0.116 min
 Lab File: VY018804.D
 Acq: 12 Jul 2024 17:54



Tgt Ion: 117 Resp: 7379
 Ion Ratio Lower Upper
 117 100
 119 7.4 75.8 113.6#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.635 ug/l

RT: 10.173 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

Instrument :

MSVOA_Y

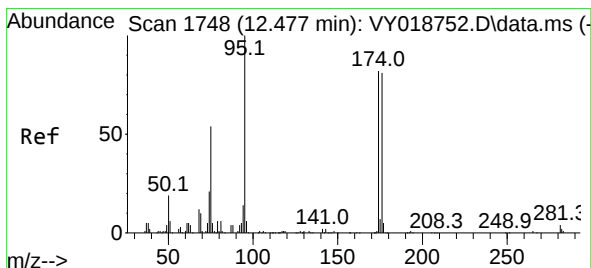
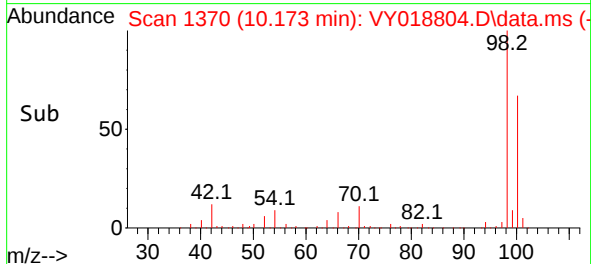
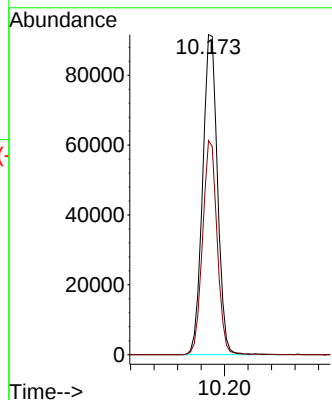
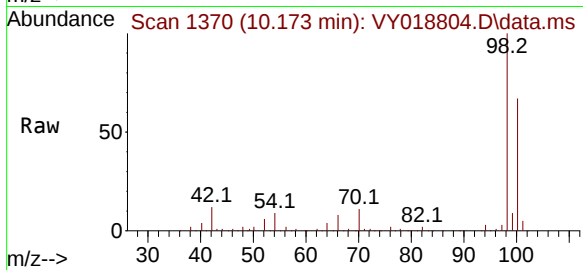
ClientSampleId :

Tgt Ion: 98 Resp: 161276

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.549 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

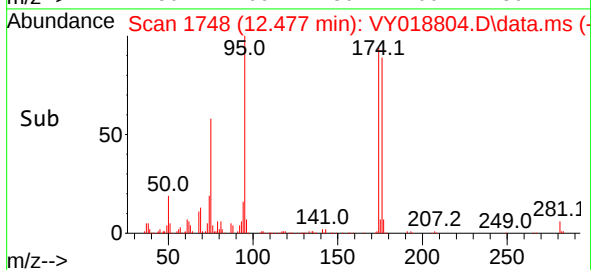
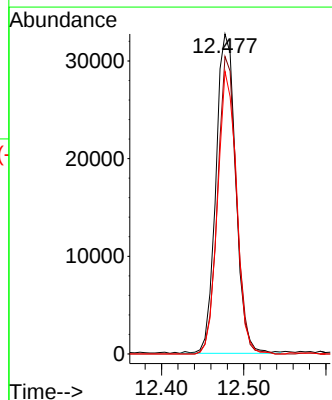
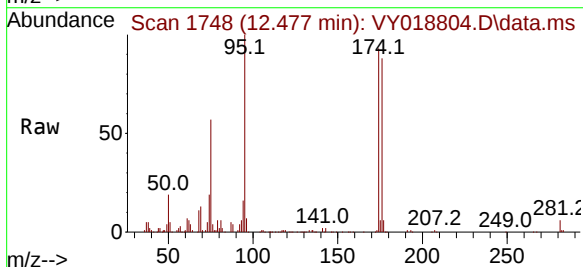
Tgt Ion: 95 Resp: 54977

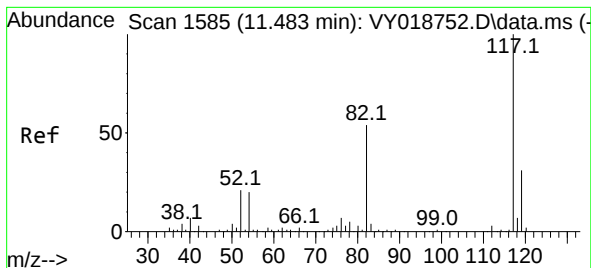
Ion Ratio Lower Upper

95 100

174 87.6 0.0 175.6

176 84.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

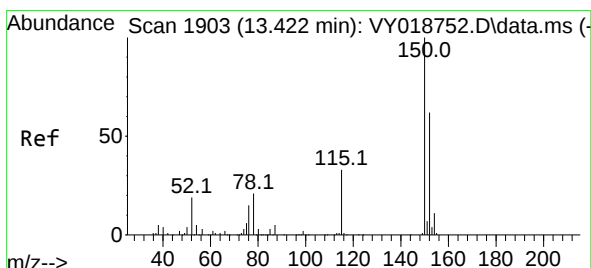
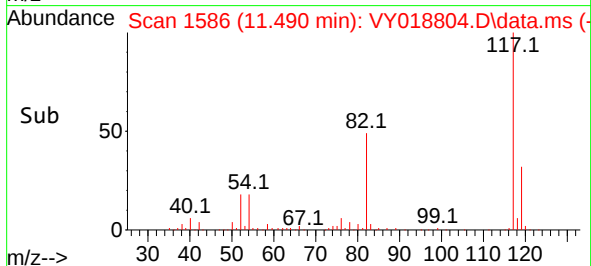
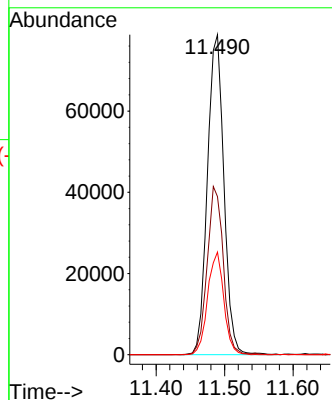
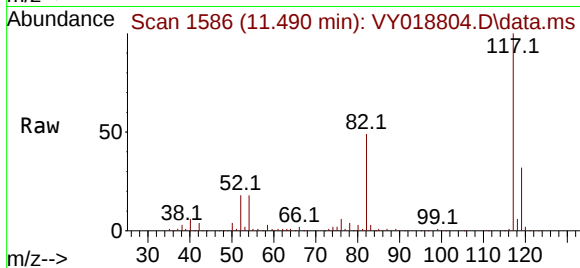
Tgt Ion:117 Resp: 132047

Ion Ratio Lower Upper

117 100

82 49.4 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

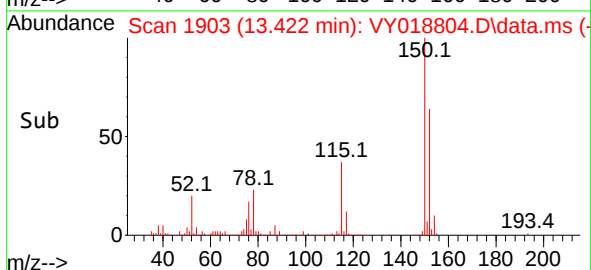
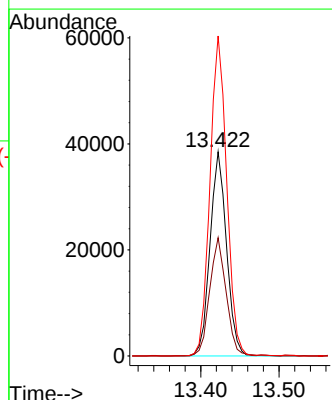
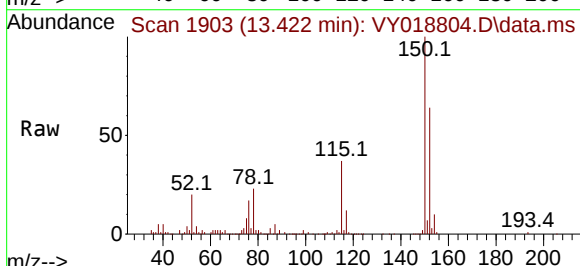
Tgt Ion:152 Resp: 56419

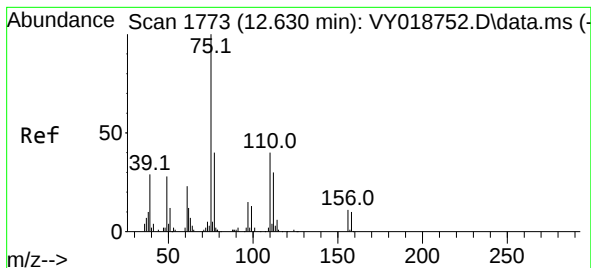
Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 158.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 68.169 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

Instrument :

MSVOA_Y

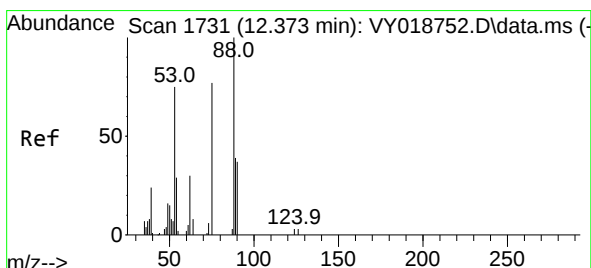
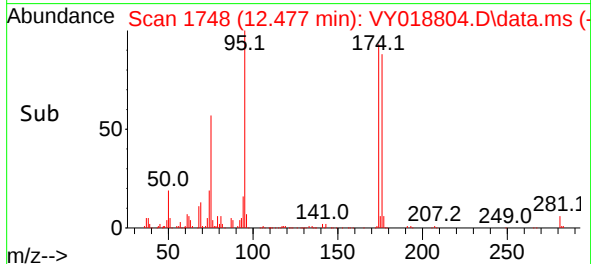
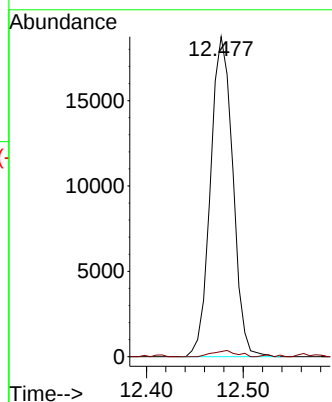
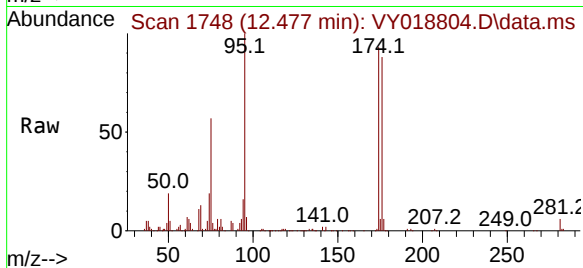
ClientSampleId :

Tgt Ion: 75 Resp: 30123

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 152.567 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018804.D

Acq: 12 Jul 2024 17:54

Tgt Ion: 75 Resp: 30123

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

