

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
 Data File : VY017466.D
 Acq On : 23 Feb 2024 14:47
 Operator : SY/MD
 Sample : VY0223SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0223SBL01

Quant Time: Feb 24 05:08:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

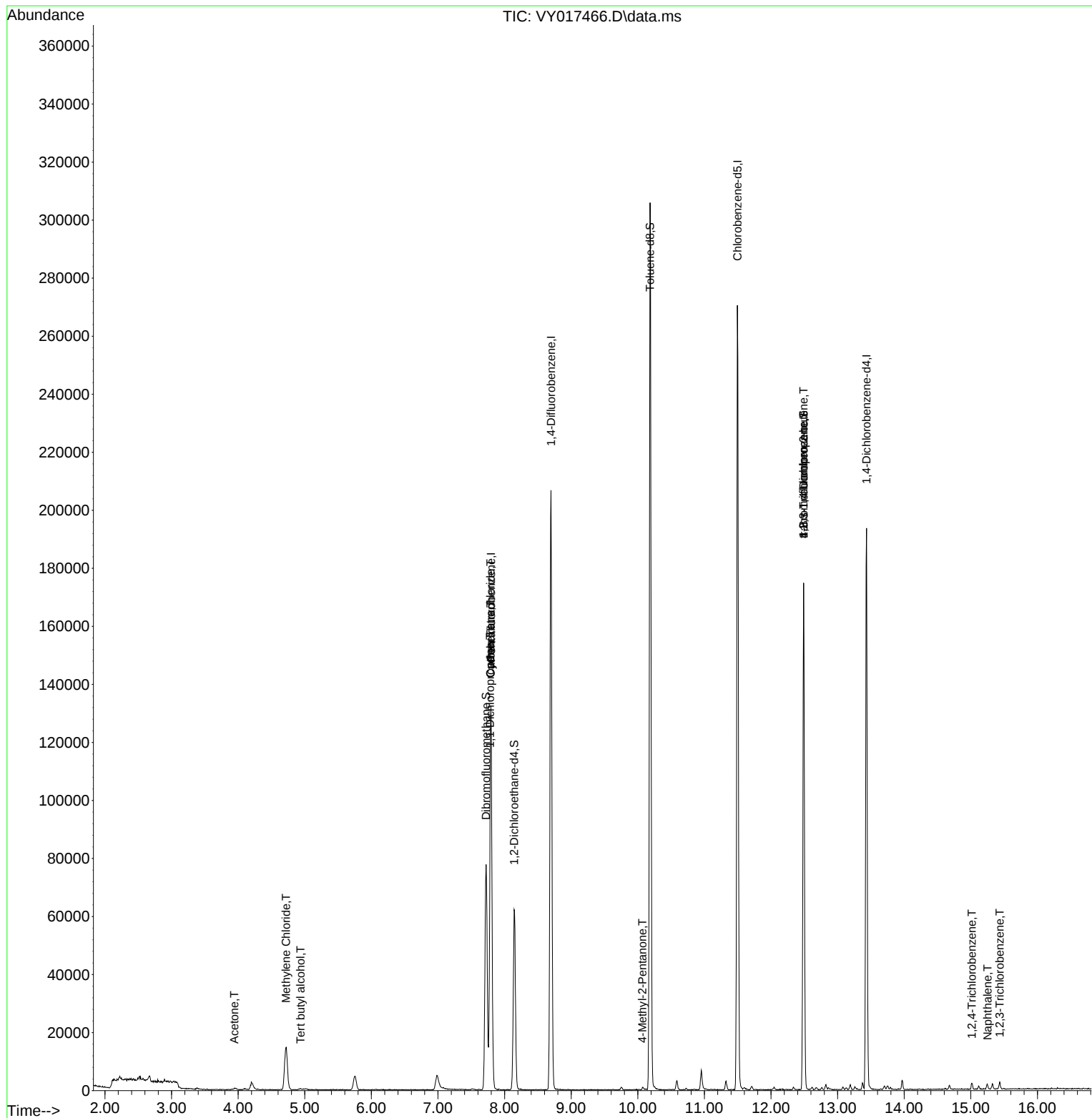
Internal Standards						
1) Pentafluorobenzene	7.795	168	109935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	155994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	54179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46613	44.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.480%		
35) Dibromofluoromethane	7.722	113	56764	43.810	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.620%		
50) Toluene-d8	10.185	98	207047	45.704	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.400%		
62) 4-Bromofluorobenzene	12.489	95	51083	35.880	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	71.760%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	453	5.119	ug/l #	88
16) Acetone	3.942	43	992	4.909	ug/l #	83
20) Methylene Chloride	4.716	84	12327	5.508	ug/l	93
31) Cyclohexane	7.789	56	2092	1.234	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	7922	4.532	ug/l #	48
38) Carbon Tetrachloride	7.789	117	9947	5.677	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	754	1.115	ug/l	87
76) 1,2,3-Trichloropropane	12.489	75	25458	49.454	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	25458	113.634	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.013	180	884	1.011	ug/l	93
95) Naphthalene	15.251	128	1763	4.873	ug/l	94
96) 1,2,3-Trichlorobenzene	15.434	180	943	1.257	ug/l	98

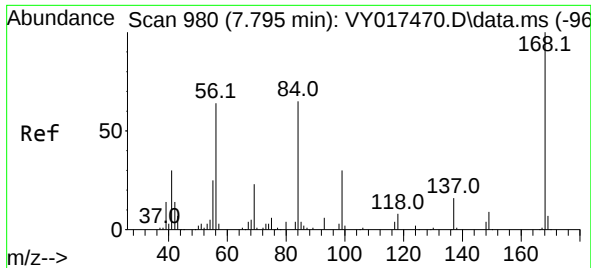
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022324\
Data File : VY017466.D
Acq On : 23 Feb 2024 14:47
Operator : SY/MD
Sample : VY0223SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

Quant Time: Feb 24 05:08:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

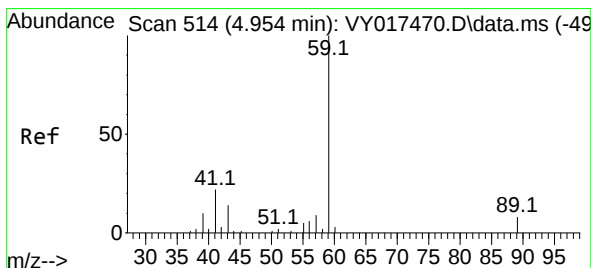
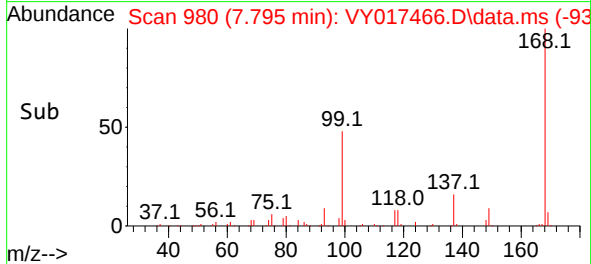
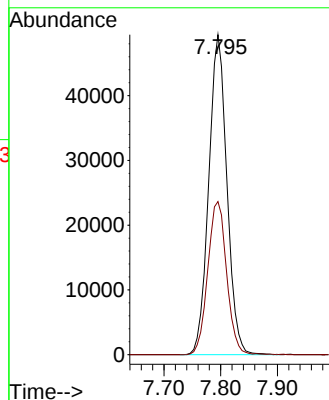
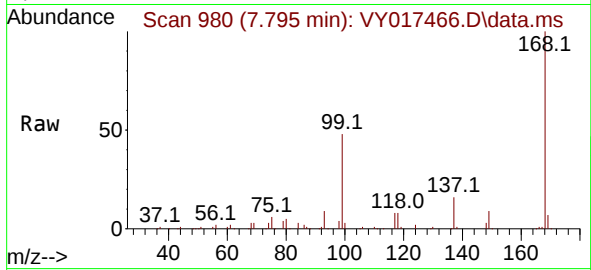




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

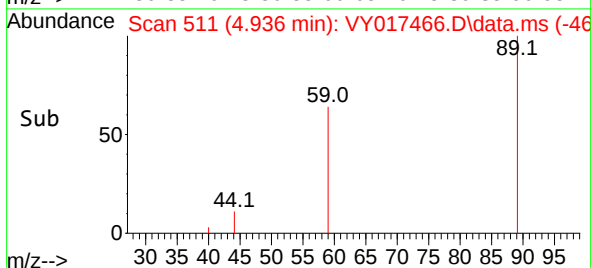
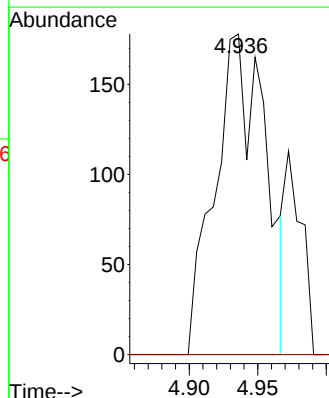
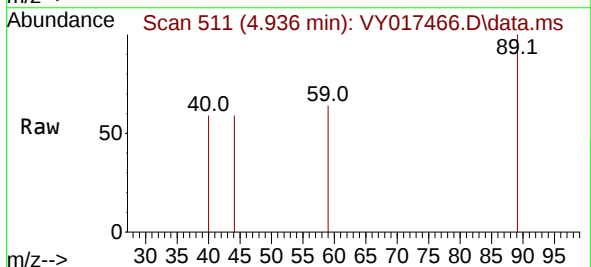
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

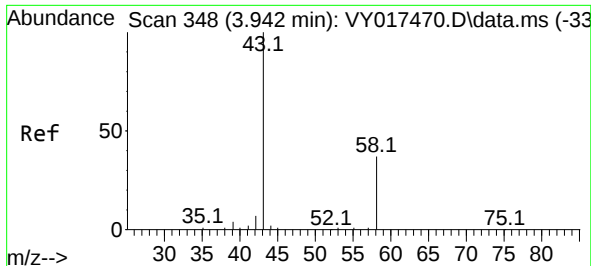
Tgt Ion:168 Resp: 109935
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.119 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

Tgt Ion: 59 Resp: 453
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.909 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

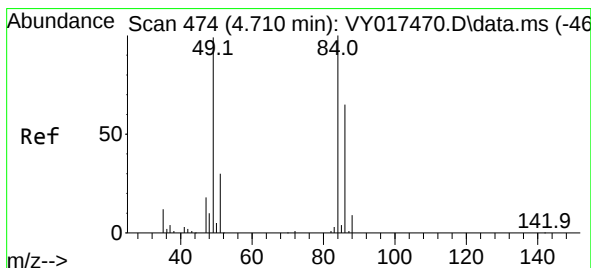
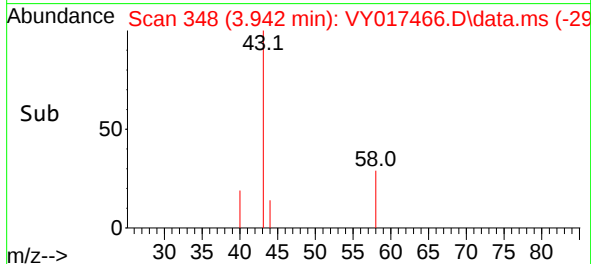
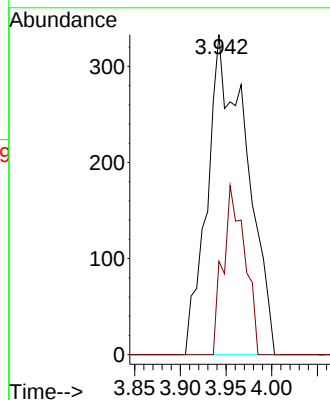
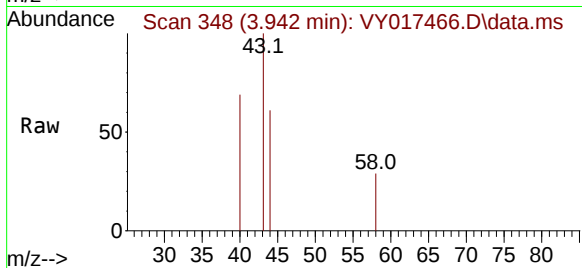
VY0223SBL01

Tgt Ion: 43 Resp: 992

Ion Ratio Lower Upper

43 100

58 29.1 31.7 47.5#



#20

Methylene Chloride

Concen: 5.508 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

Tgt Ion: 84 Resp: 12327

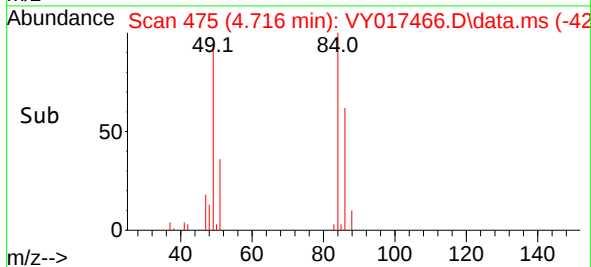
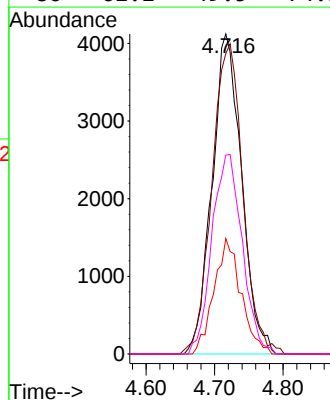
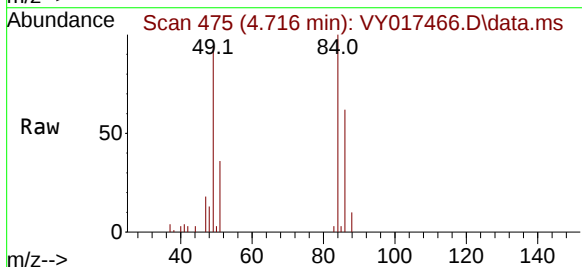
Ion Ratio Lower Upper

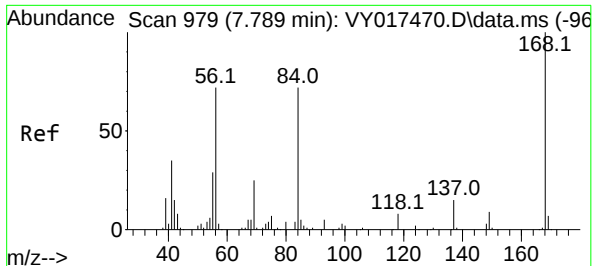
84 100

49 93.8 84.4 126.6

51 36.1 26.0 39.0

86 62.2 49.5 74.3

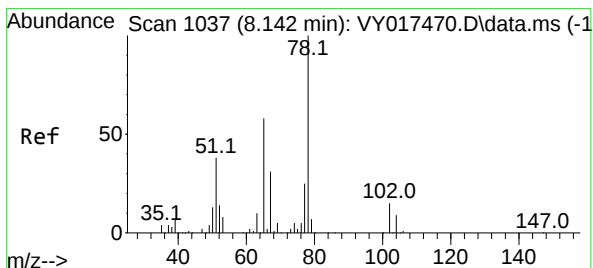
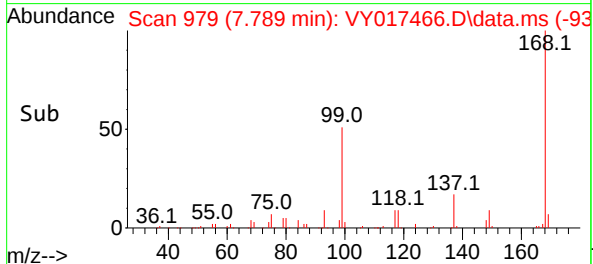
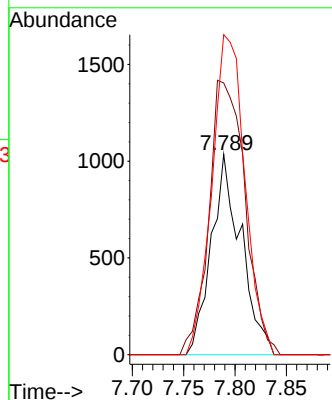
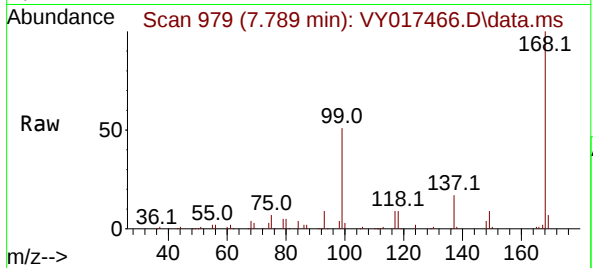




#31
Cyclohexane
Concen: 1.234 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

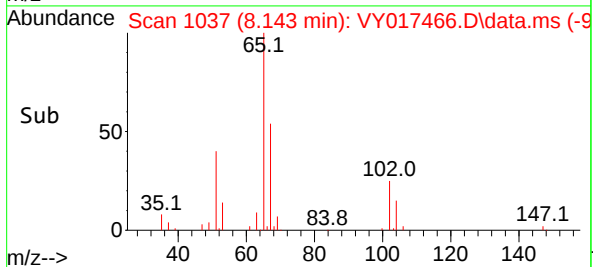
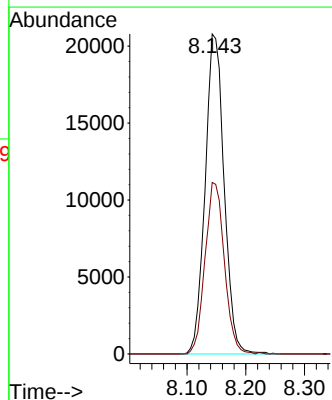
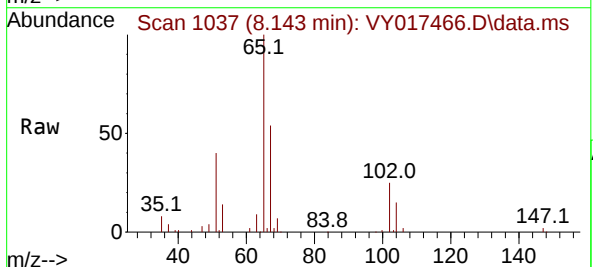
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

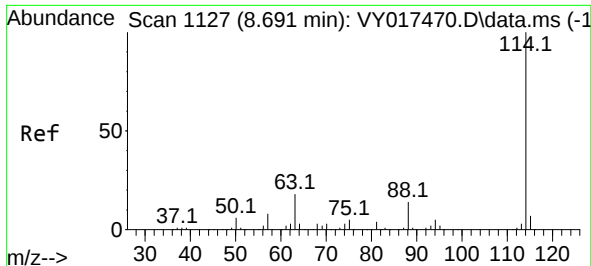
Tgt Ion: 56 Resp: 2092
Ion Ratio Lower Upper
56 100
69 135.7 28.7 43.1#
84 159.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 44.739 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

Tgt Ion: 65 Resp: 46613
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBL01

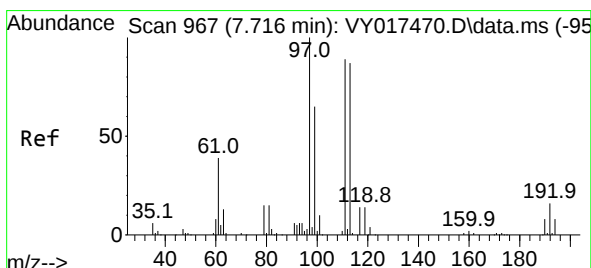
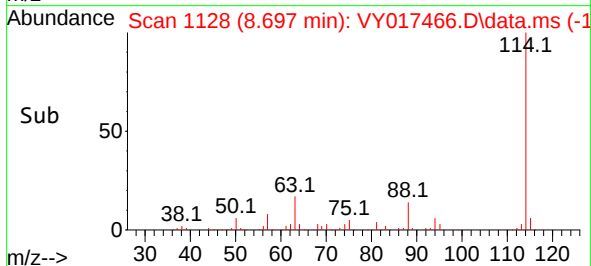
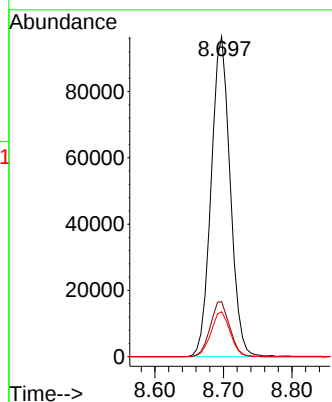
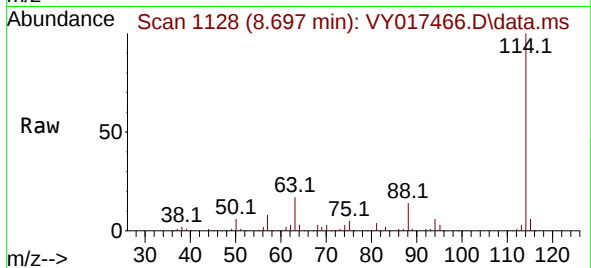
Tgt Ion:114 Resp: 185938

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 43.810 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

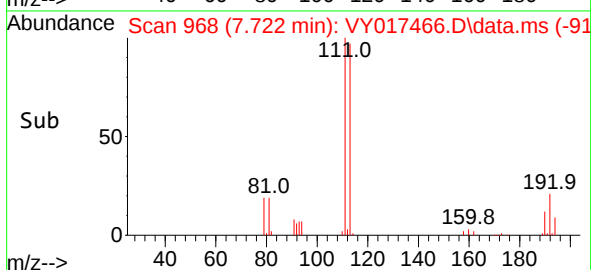
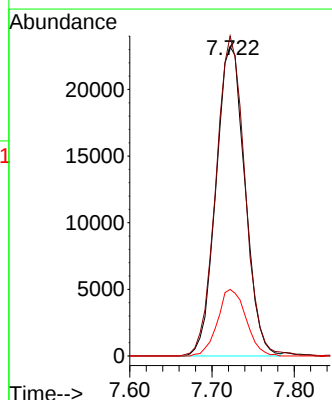
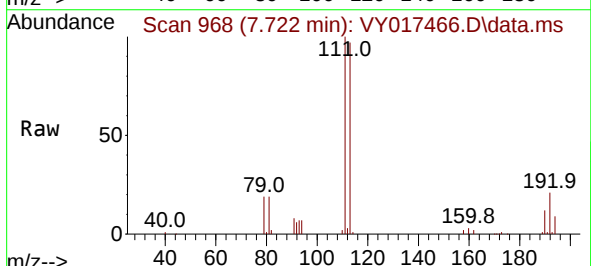
Tgt Ion:113 Resp: 56764

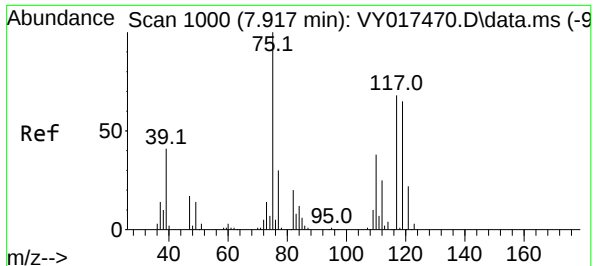
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 21.2 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.532 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBL01

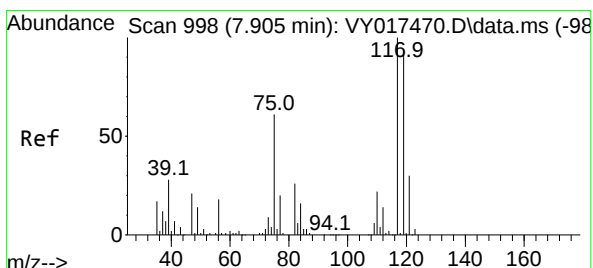
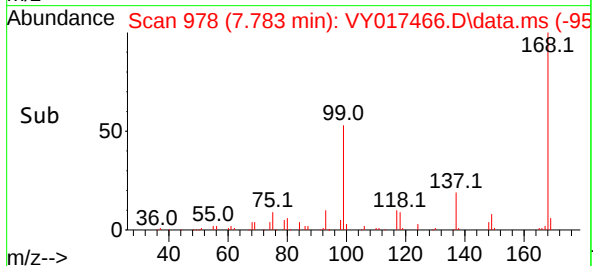
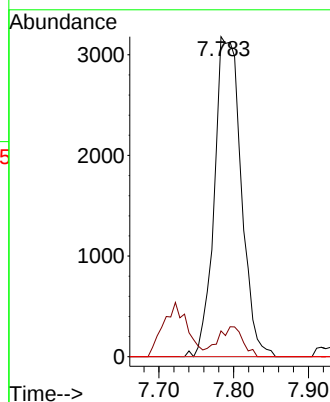
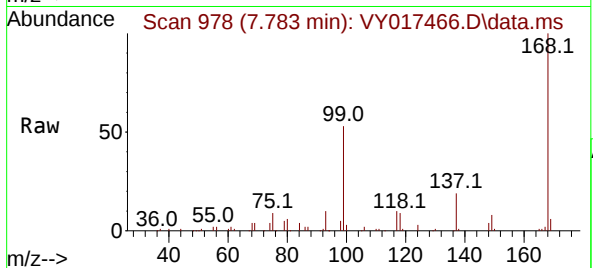
Tgt Ion: 75 Resp: 7922

Ion Ratio Lower Upper

75 100

110 8.8 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.677 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

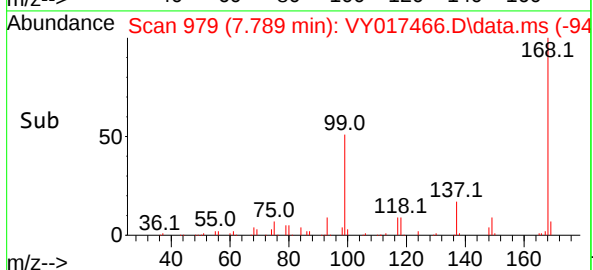
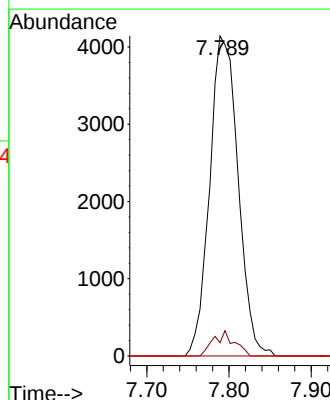
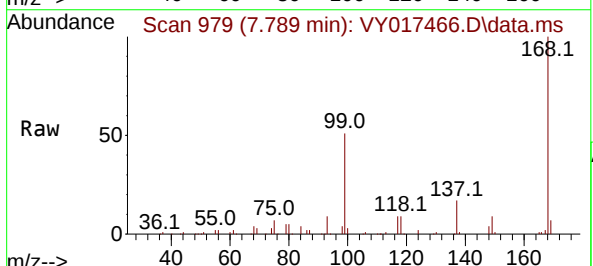
Tgt Ion: 117 Resp: 9947

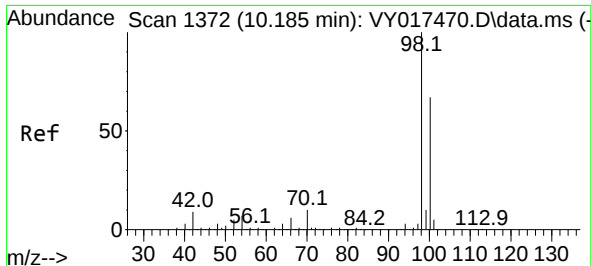
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.6#

121 0.0 24.0 36.0#

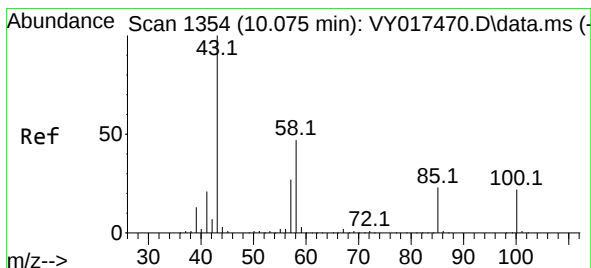
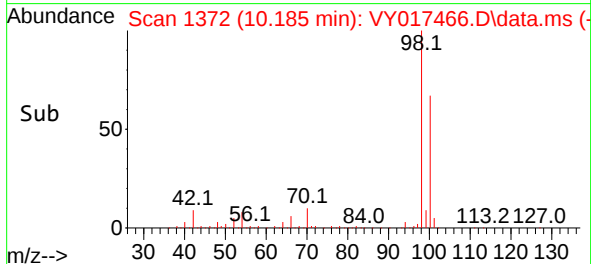
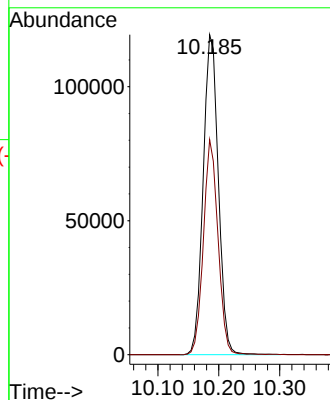
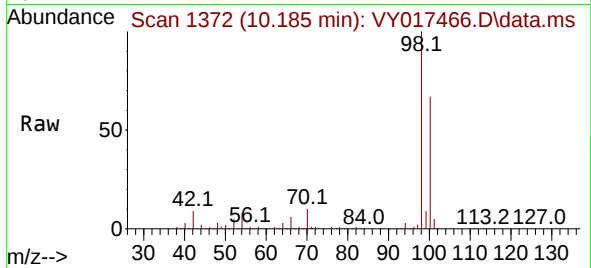




#50
Toluene-d8
Concen: 45.704 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

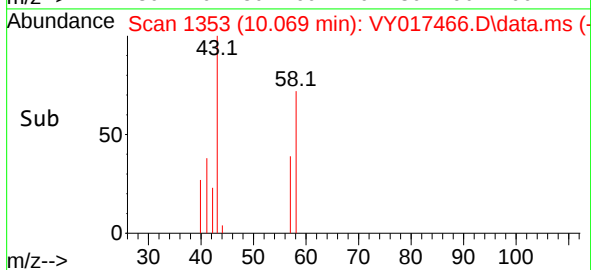
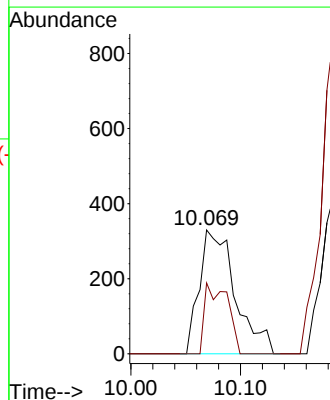
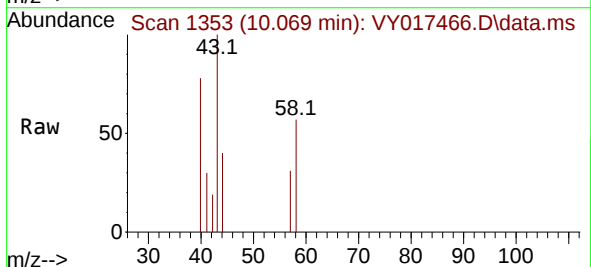
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

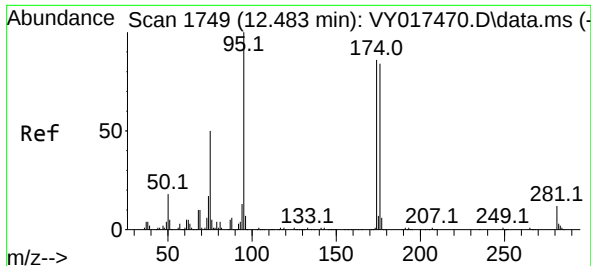
Tgt Ion: 98 Resp: 207047
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.115 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

Tgt Ion: 43 Resp: 754
Ion Ratio Lower Upper
43 100
58 36.2 35.7 53.5

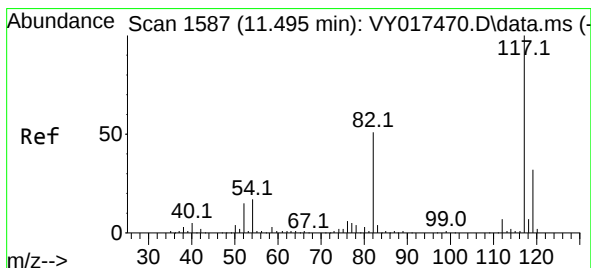
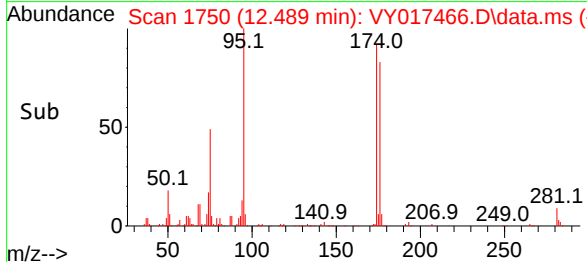
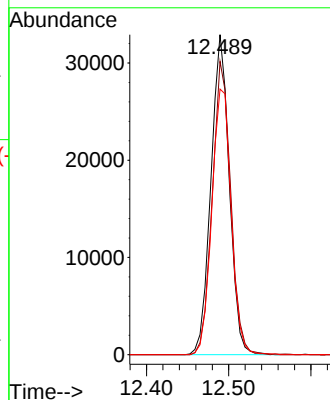
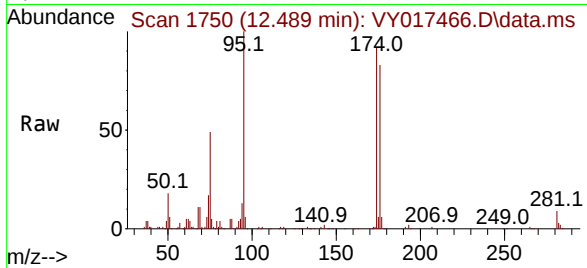




#62
4-Bromofluorobenzene
Concen: 35.880 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

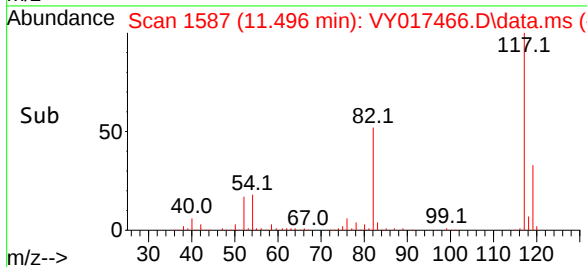
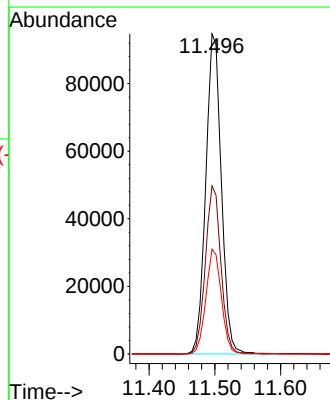
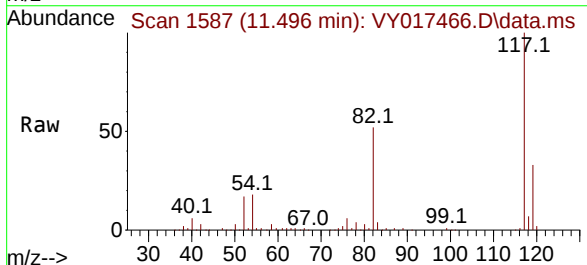
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

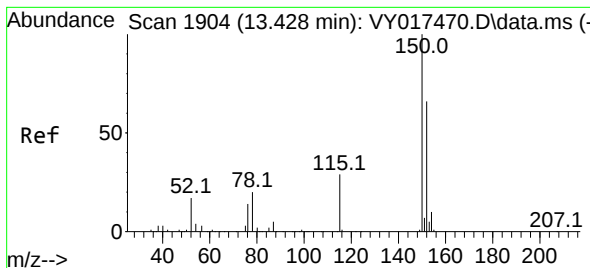
Tgt Ion: 95 Resp: 51083
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 87.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

Tgt Ion: 117 Resp: 155994
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBL01

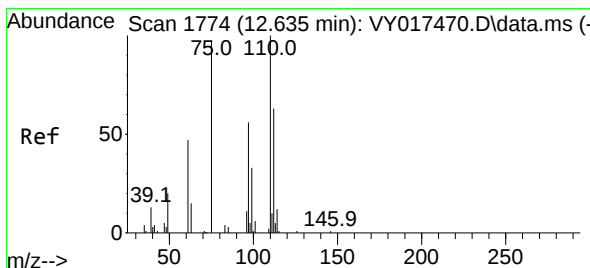
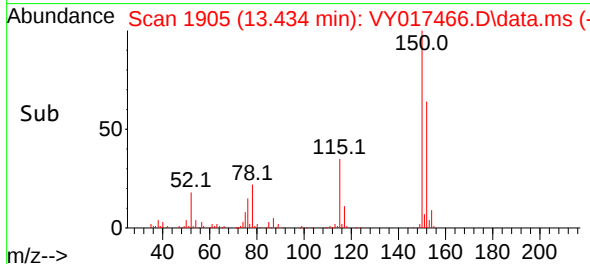
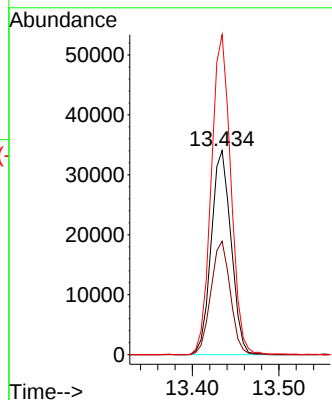
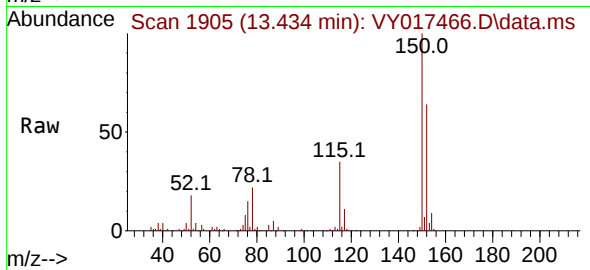
Tgt Ion:152 Resp: 54179

Ion Ratio Lower Upper

152 100

115 54.4 28.2 84.7

150 155.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 49.454 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017466.D

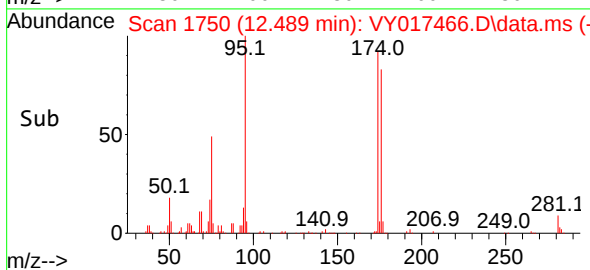
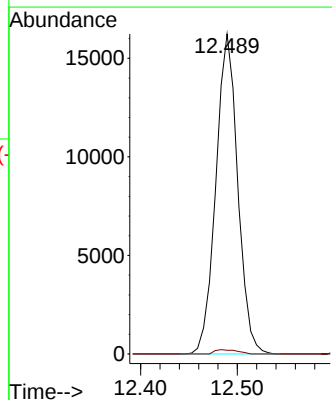
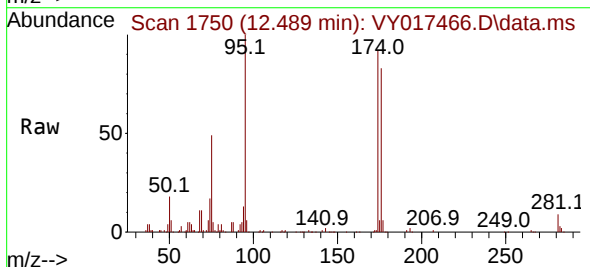
Acq: 23 Feb 2024 14:47

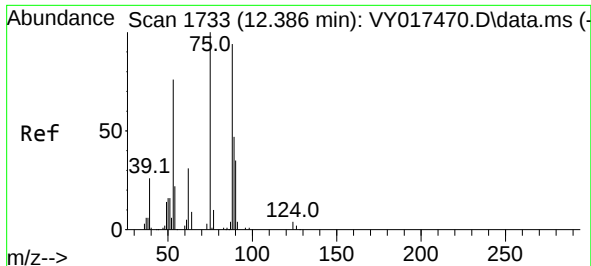
Tgt Ion: 75 Resp: 25458

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

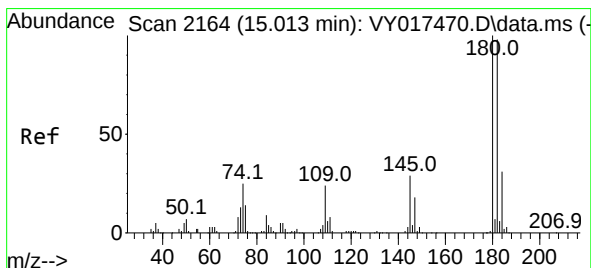
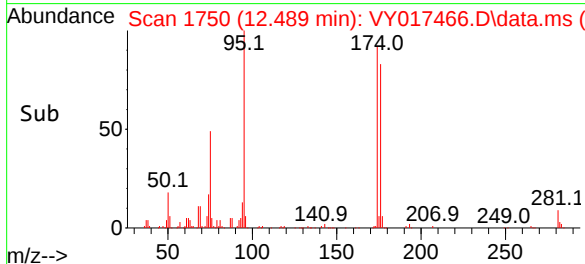
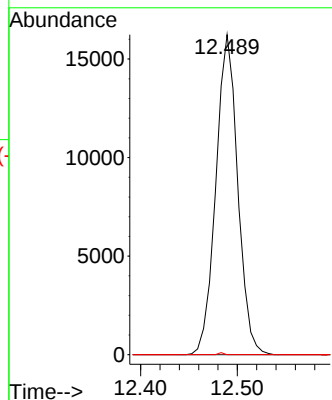
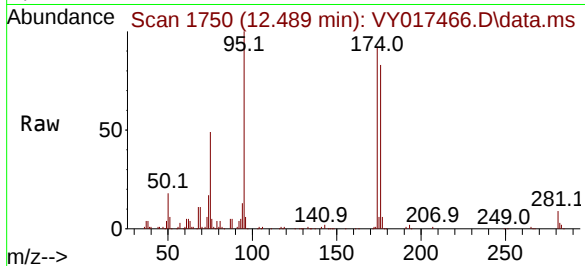




#81
trans-1,4-Dichloro-2-butene
Concen: 113.634 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

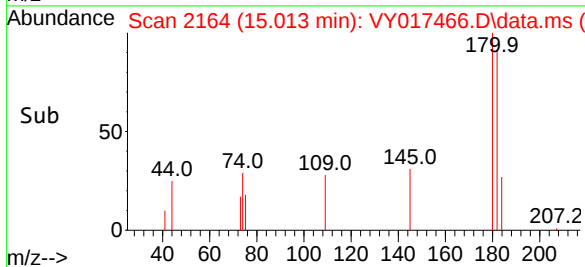
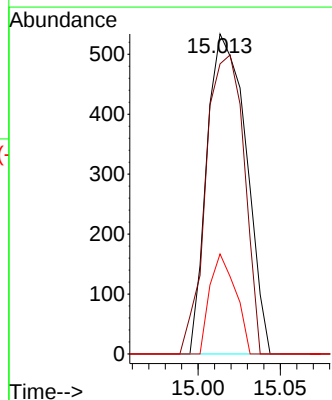
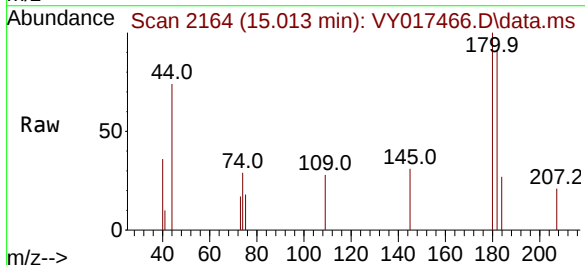
Instrument :
MSVOA_Y
ClientSampleId :
VY0223SBL01

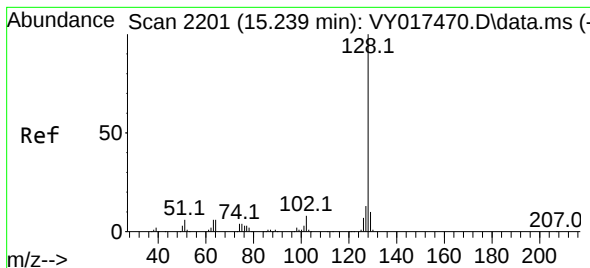
Tgt Ion: 75 Resp: 25458
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#93
1,2,4-Trichlorobenzene
Concen: 1.011 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY017466.D
Acq: 23 Feb 2024 14:47

Tgt Ion:180 Resp: 884
Ion Ratio Lower Upper
180 100
182 91.1 47.9 143.8
145 20.6 14.2 42.6





#95

Naphthalene

Concen: 4.873 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0223SBL01

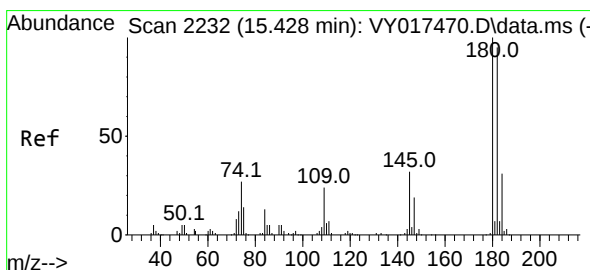
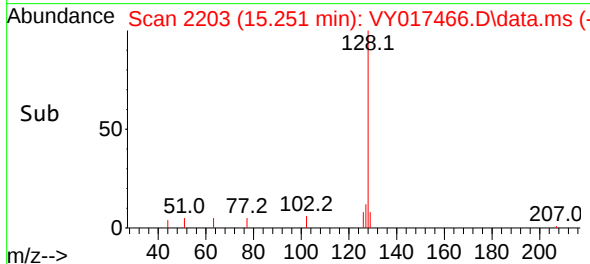
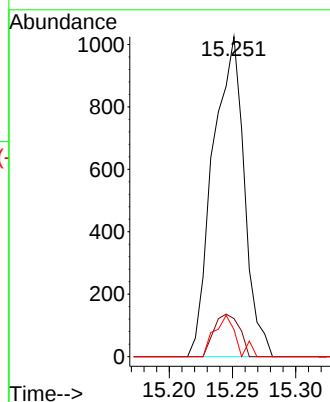
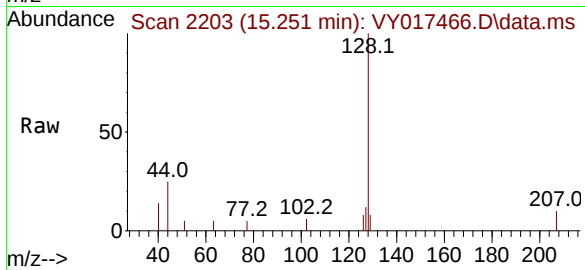
Tgt Ion:128 Resp: 1763

Ion Ratio Lower Upper

128 100

127 10.8 10.6 16.0

129 9.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.257 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY017466.D

Acq: 23 Feb 2024 14:47

Tgt Ion:180 Resp: 943

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 30.2 15.4 46.1

