

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032624\
 Data File : VY017760.D
 Acq On : 26 Mar 2024 10:46
 Operator : SY/MD
 Sample : VY0326SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0326SBL01

Quant Time: Mar 27 01:26:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

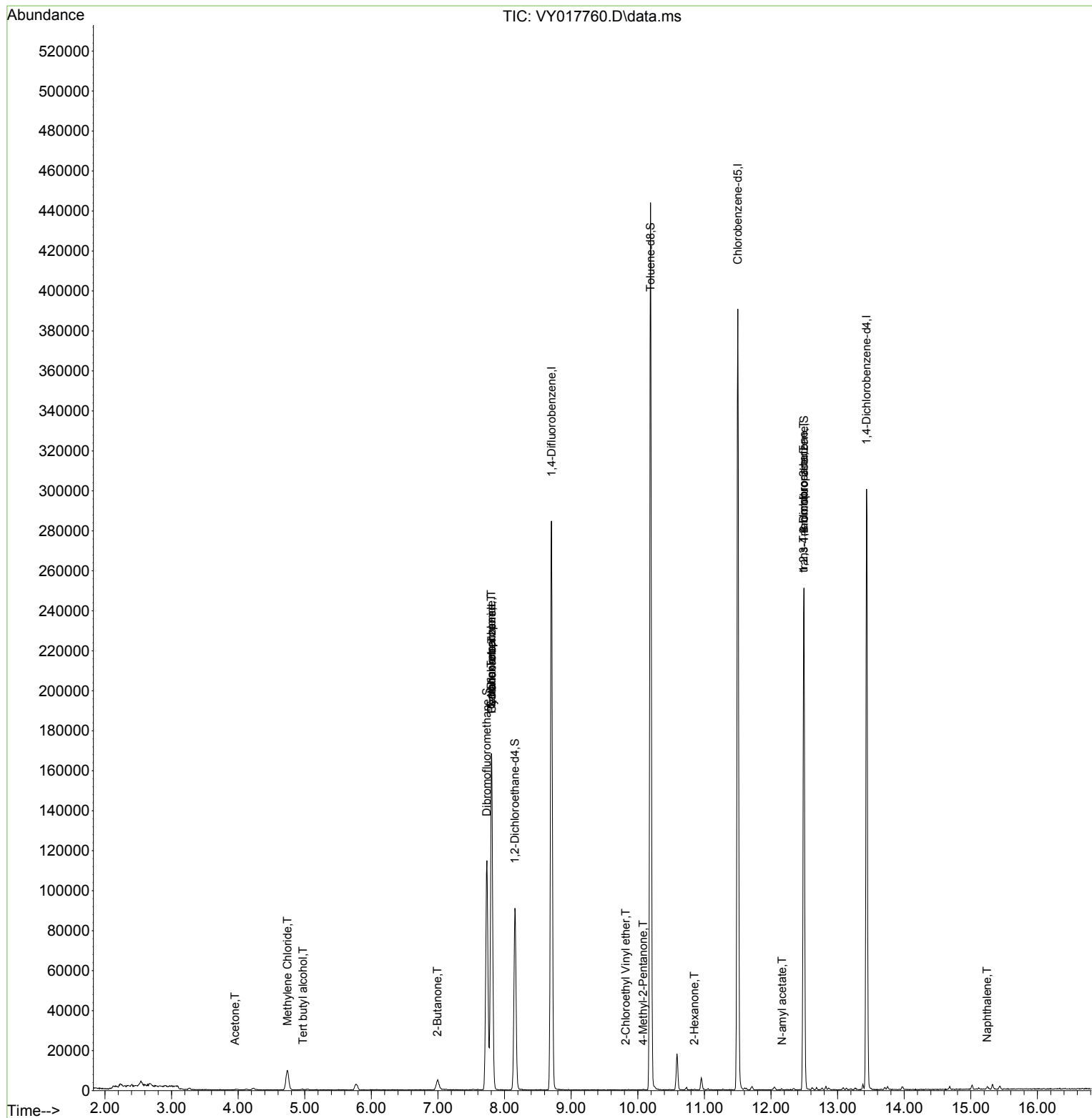
Internal Standards						
1) Pentafluorobenzene	7.807	168	137935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	251355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	219753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	70318	58.517	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.040%			
35) Dibromofluoromethane	7.734	113	81704	54.379	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.760%			
50) Toluene-d8	10.191	98	289460	50.337	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.680%			
62) 4-Bromofluorobenzene	12.496	95	75924	43.970	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.940%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.972	59	353	4.416	ug/l #	88
16) Acetone	3.954	43	297	1.413	ug/l #	36
20) Methylene Chloride	4.741	84	7792	5.098	ug/l	93
25) 2-Butanone	6.990	43	225	8.580	ug/l #	41
31) Cyclohexane	7.807	56	2551	1.073	ug/l #	4
36) 1,1-Dichloropropene	7.801	75	9729	4.191	ug/l #	48
38) Carbon Tetrachloride	7.801	117	12636	5.199	ug/l #	16
51) 4-Methyl-2-Pentanone	10.081	43	173	5.818	ug/l #	31
58) 2-Chloroethyl Vinyl ether	9.819	63	69	10.241	ug/l #	45
59) 2-Hexanone	10.849	43	194	9.764	ug/l	74
74) N-amyl acetate	12.166	43	340	2.581	ug/l #	61
76) 1,2,3-Trichloropropane	12.489	75	38664	53.329	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38664	123.229	ug/l #	16
95) Naphthalene	15.245	128	1555	3.334	ug/l #	93

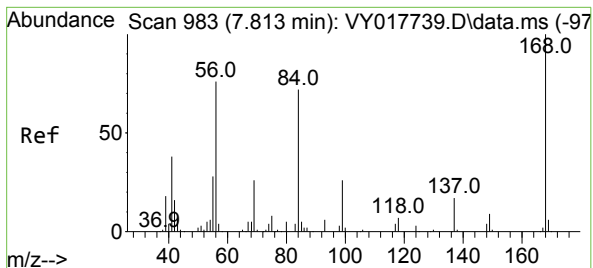
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

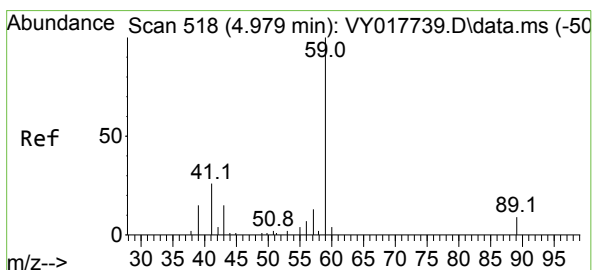
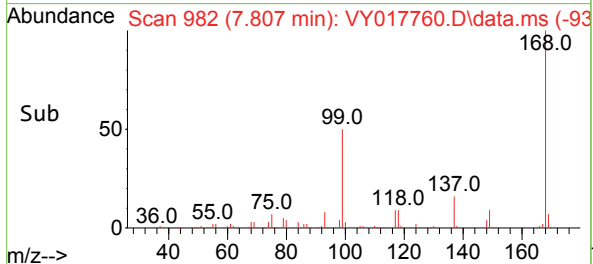
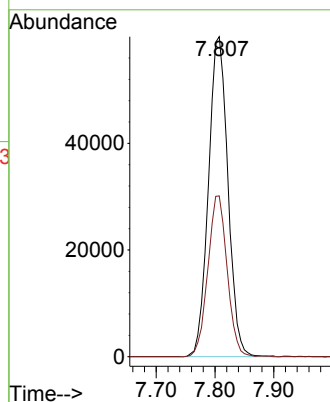
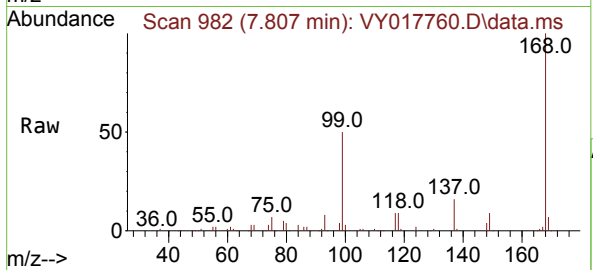
VY0326SBL01

Tgt Ion:168 Resp: 137935

Ion Ratio Lower Upper

168 100

99 50.2 39.1 58.7



#11

Tert butyl alcohol

Concen: 4.416 ug/l

RT: 4.972 min Scan# 517

Delta R.T. -0.006 min

Lab File: VY017760.D

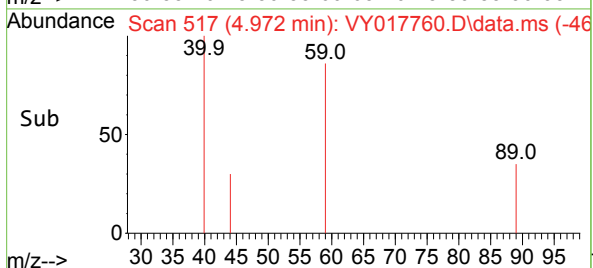
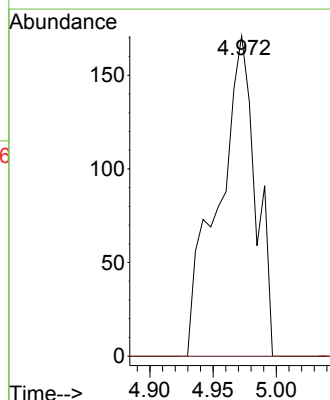
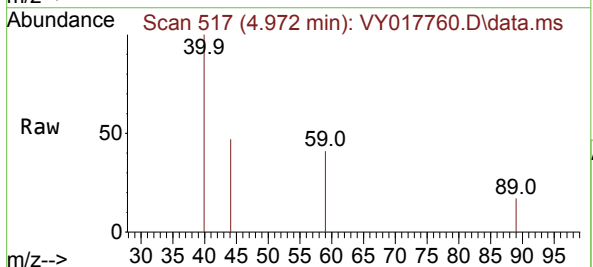
Acq: 26 Mar 2024 10:46

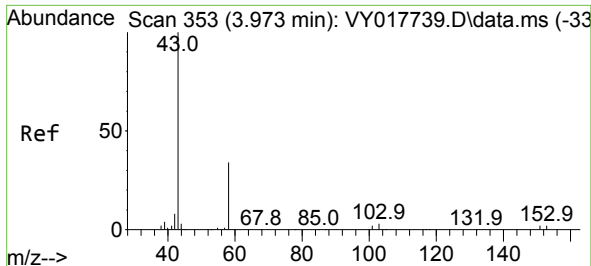
Tgt Ion: 59 Resp: 353

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.413 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

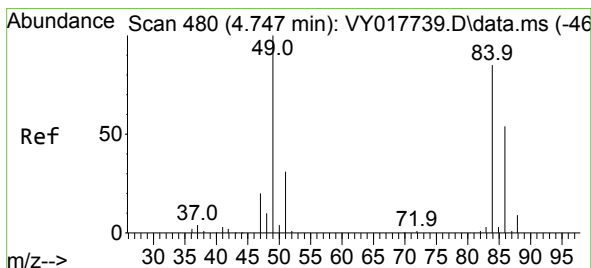
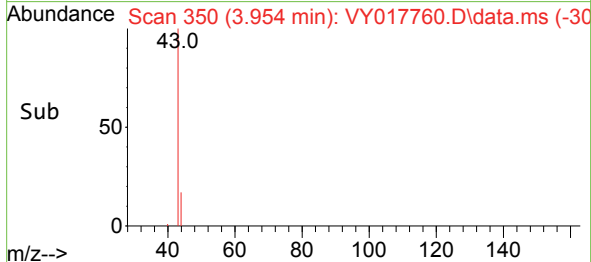
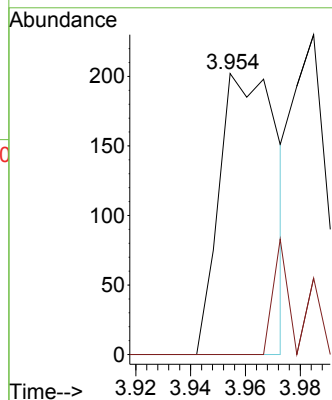
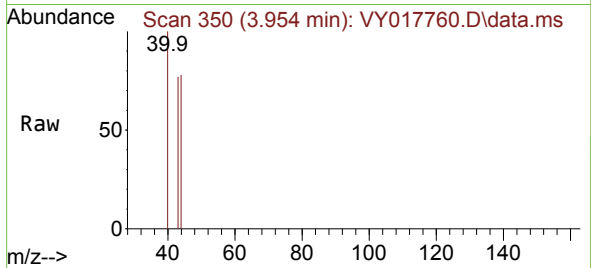
VY0326SBL01

Tgt Ion: 43 Resp: 297

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 5.098 ug/l

RT: 4.741 min Scan# 479

Delta R.T. -0.006 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Tgt Ion: 84 Resp: 7792

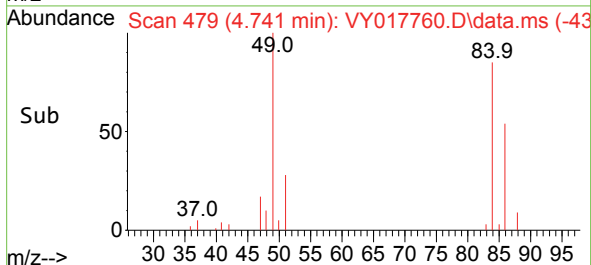
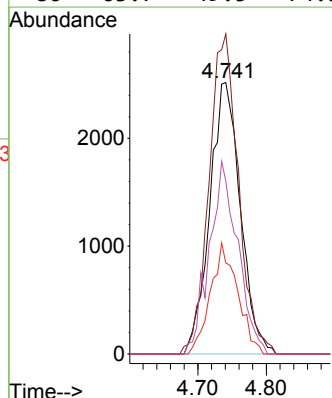
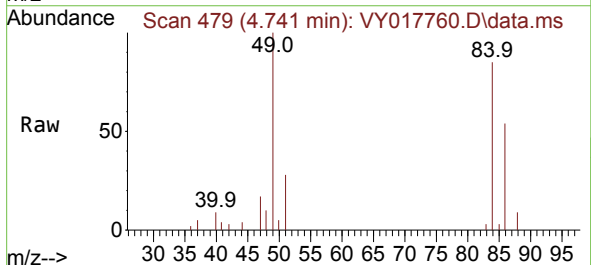
Ion Ratio Lower Upper

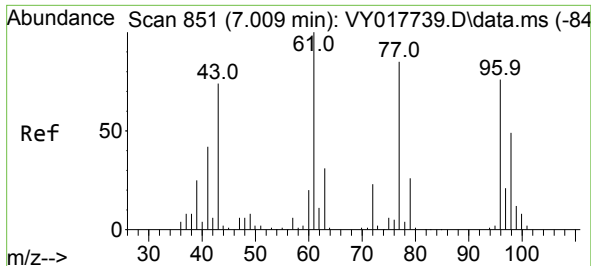
84 100

49 117.9 84.4 126.6

51 33.5 26.0 39.0

86 63.7 49.5 74.3

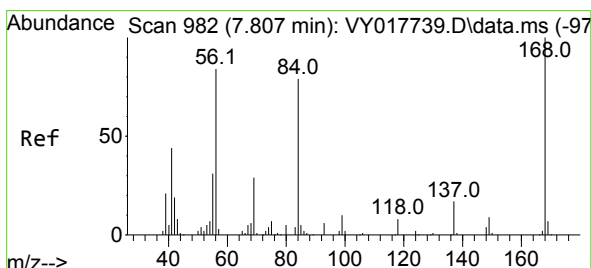
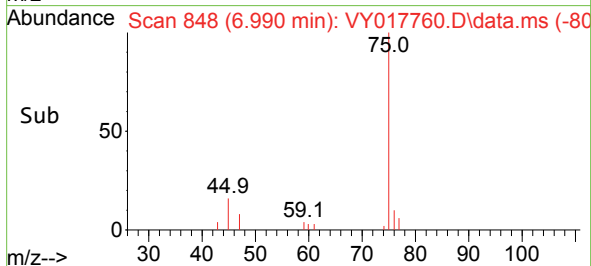
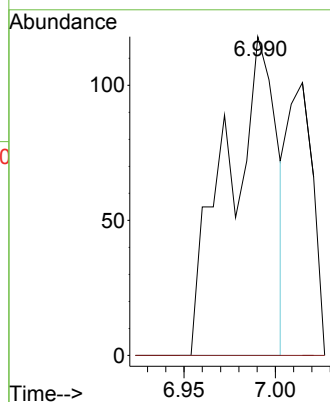
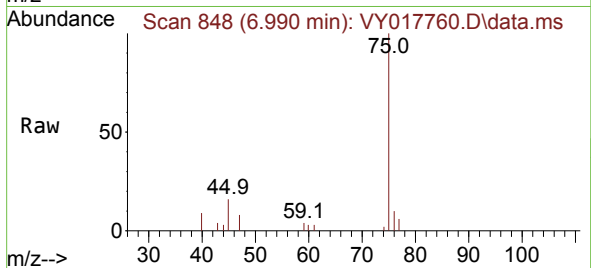




#25
2-Butanone
Concen: 8.580 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.019 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

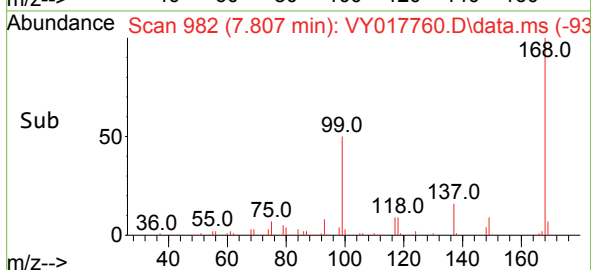
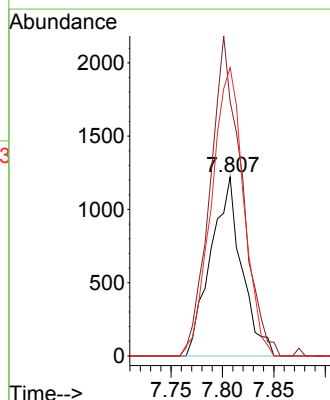
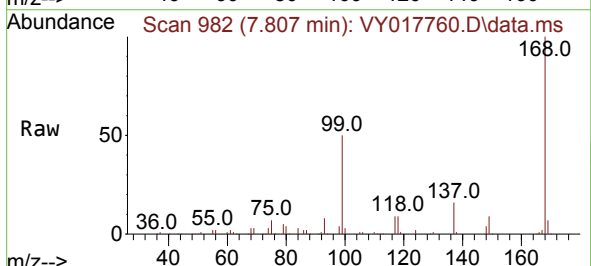
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

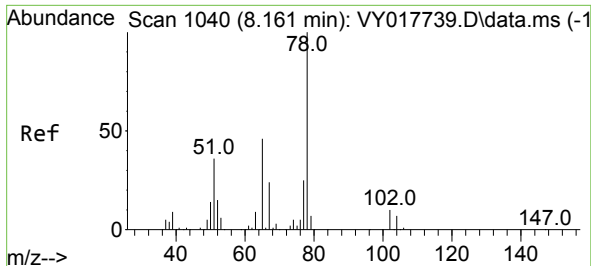
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

Tgt Ion: 56 Resp: 2551
Ion Ratio Lower Upper
56 100
69 142.2 28.7 43.1#
84 161.2 77.7 116.5#

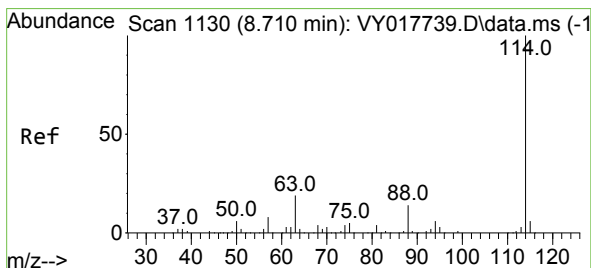
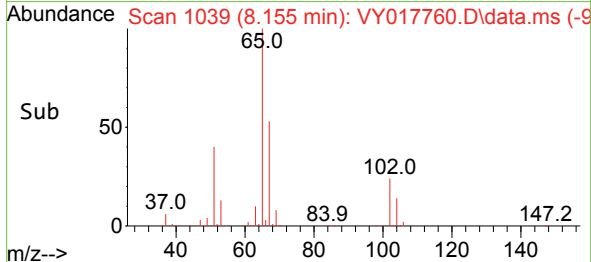
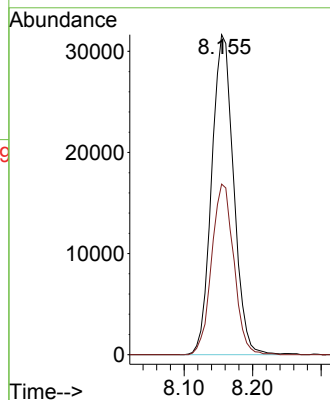
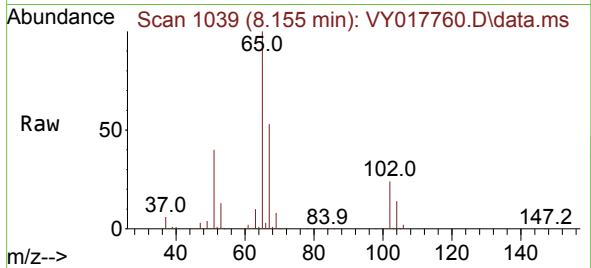




#33
1,2-Dichloroethane-d4
Concen: 58.517 ug/l
RT: 8.155 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

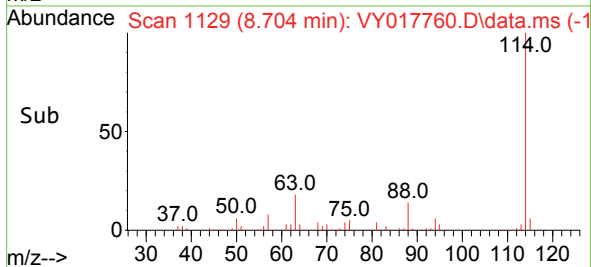
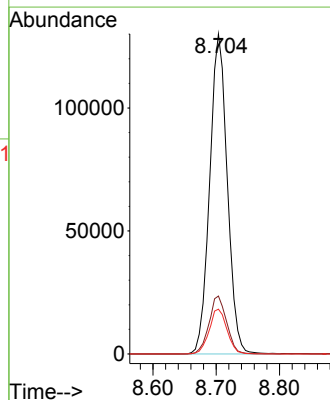
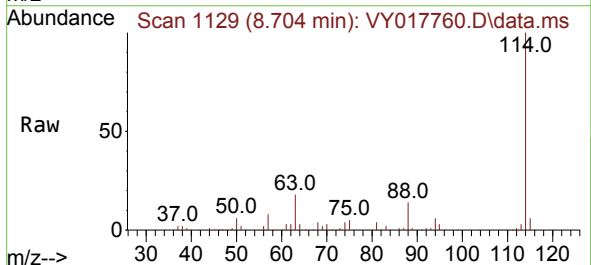
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

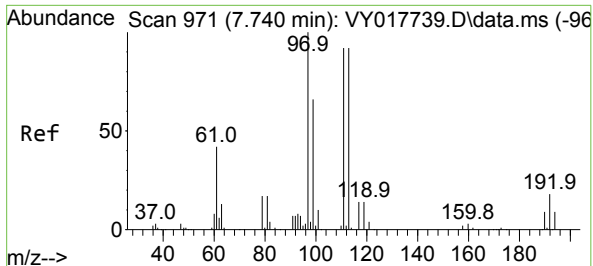
Tgt Ion: 65 Resp: 70318
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.704 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

Tgt Ion: 114 Resp: 251355
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.0
88 14.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.379 ug/l

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017760.D

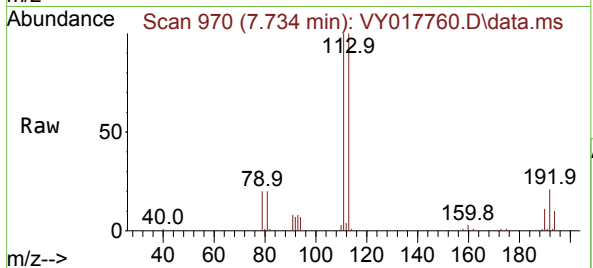
Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01



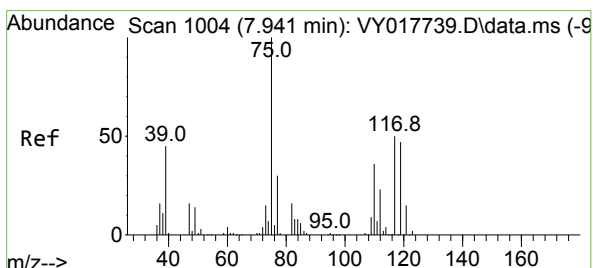
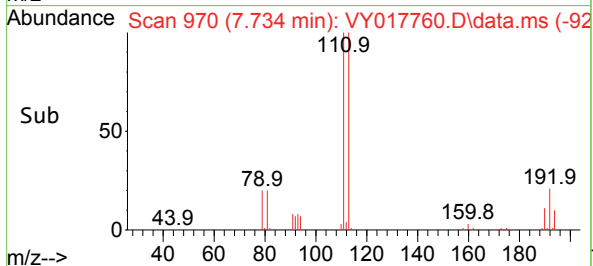
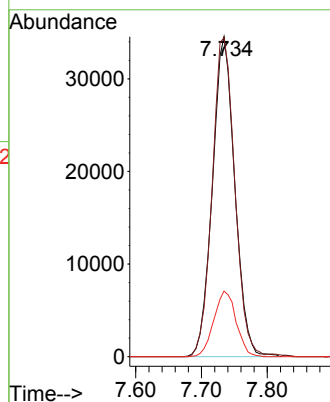
Tgt Ion:113 Resp: 81704

Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 20.5 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.191 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.140 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

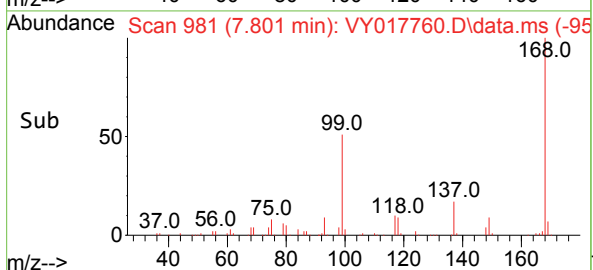
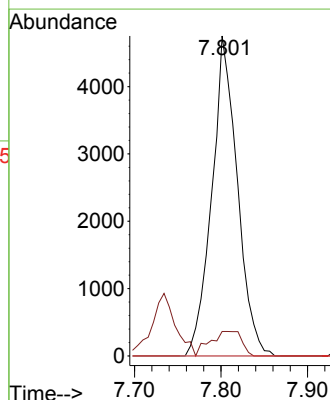
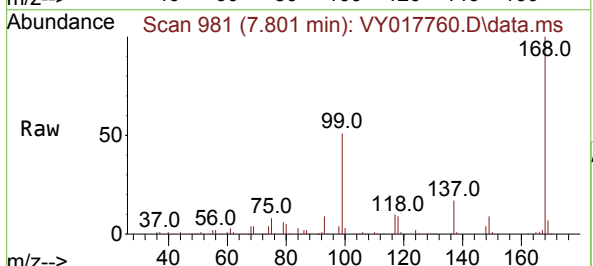
Tgt Ion: 75 Resp: 9729

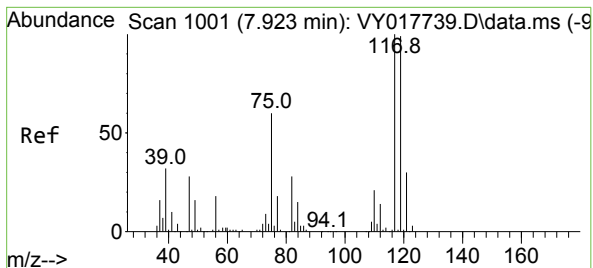
Ion Ratio Lower Upper

75 100

110 9.4 19.0 57.0#

77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.199 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY017760.D

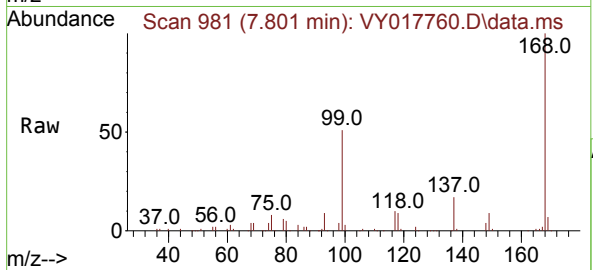
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Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01



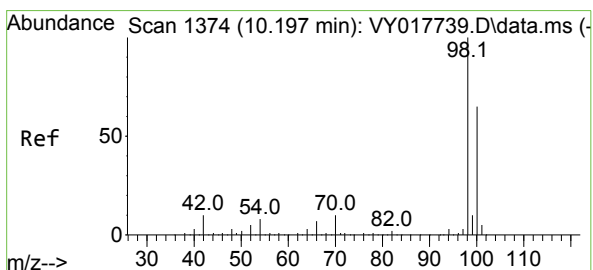
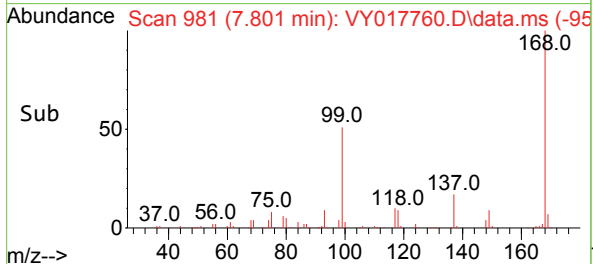
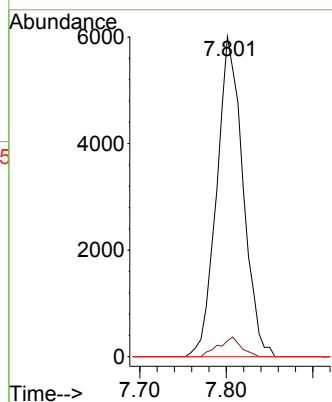
Tgt Ion:117 Resp: 12636

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 50.337 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.006 min

Lab File: VY017760.D

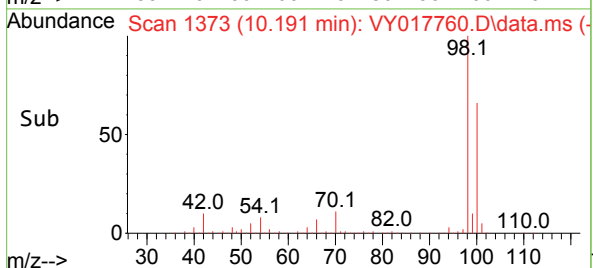
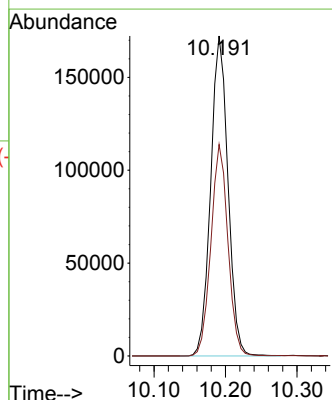
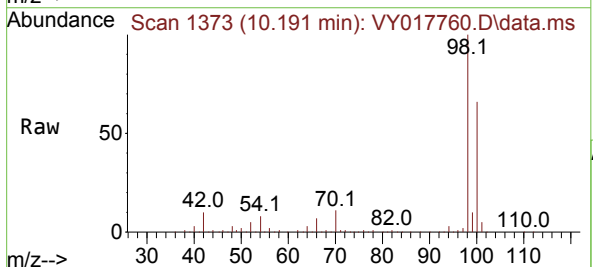
Acq: 26 Mar 2024 10:46

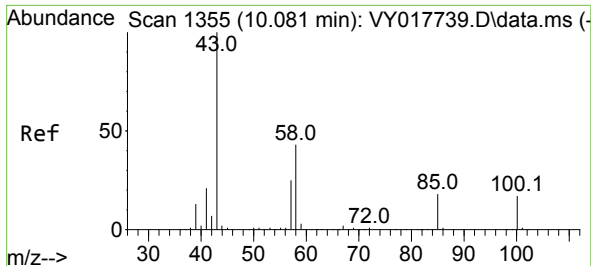
Tgt Ion: 98 Resp: 289460

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

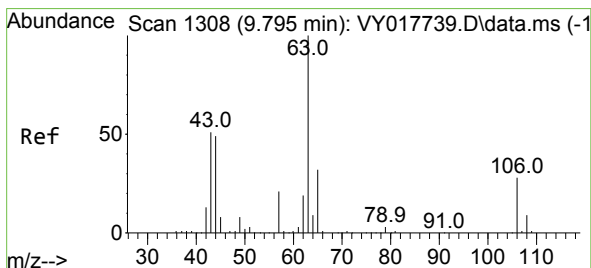
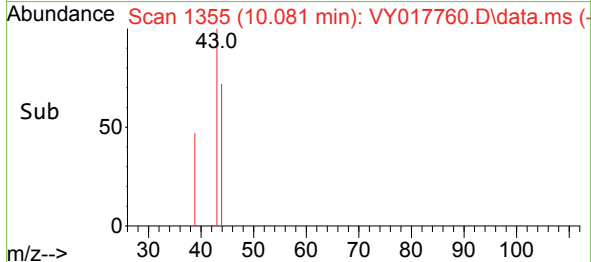
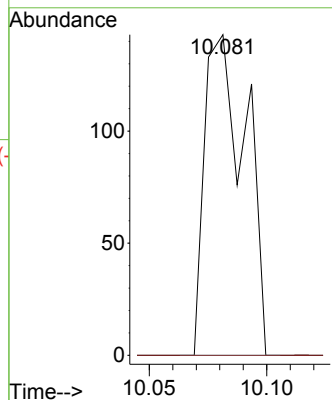
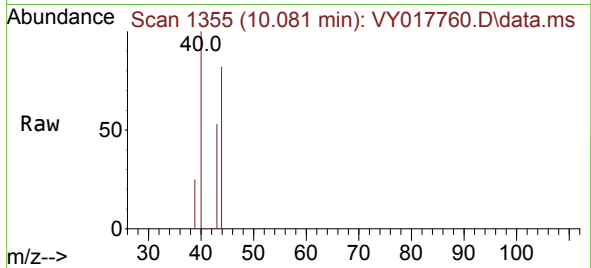




#51
4-Methyl-2-Pentanone
Concen: 5.818 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

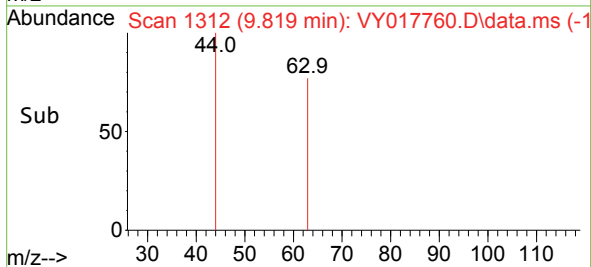
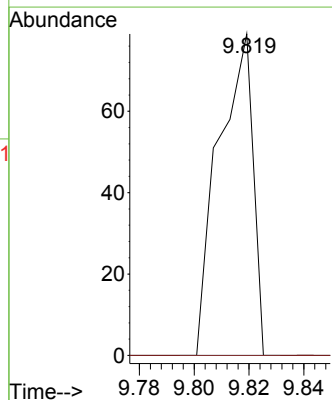
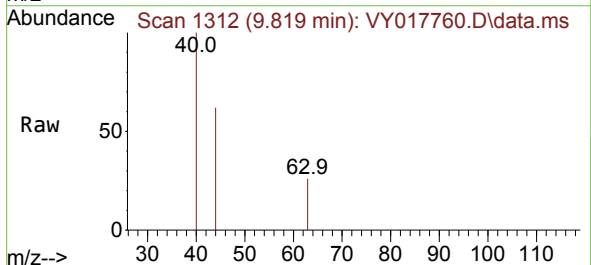
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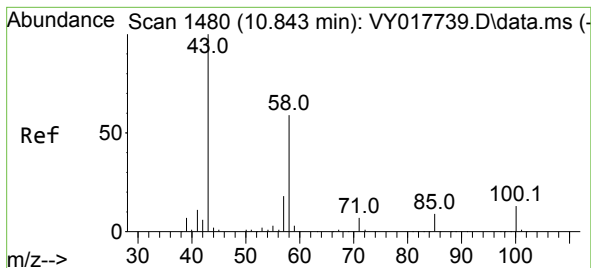
Tgt Ion: 43 Resp: 173
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



#58
2-Chloroethyl Vinyl ether
Concen: 10.241 ug/l
RT: 9.819 min Scan# 1312
Delta R.T. 0.024 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

Tgt Ion: 63 Resp: 69
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#

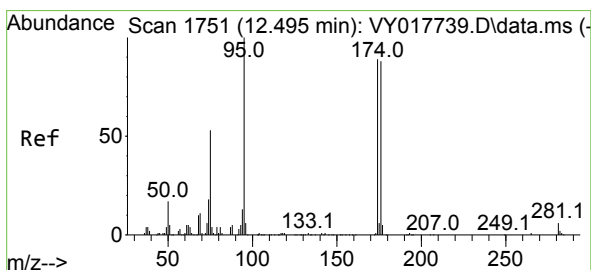
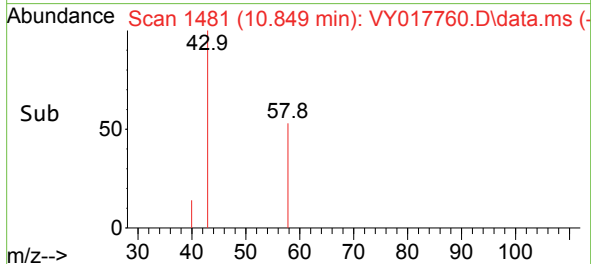
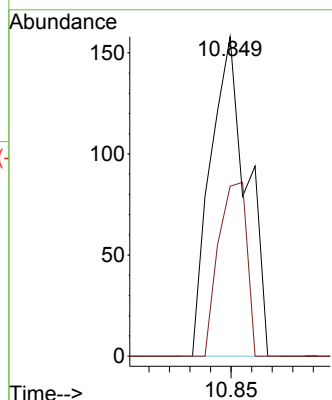
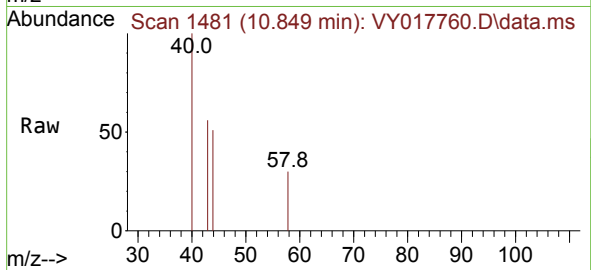




#59
2-Hexanone
Concen: 9.764 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

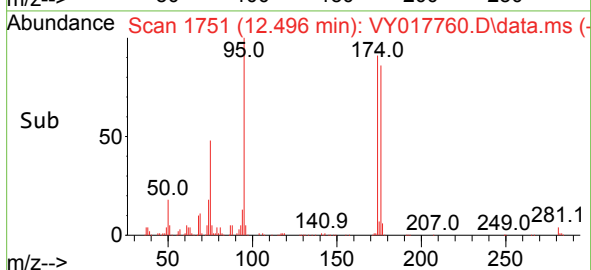
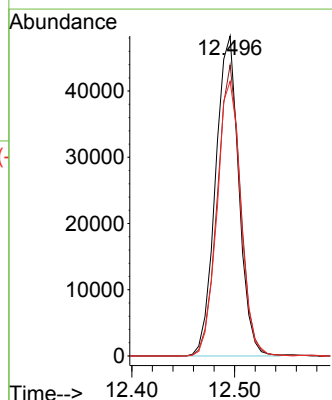
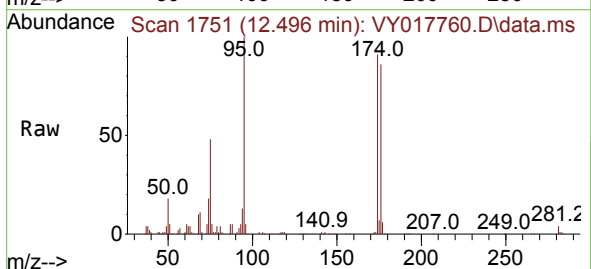
Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

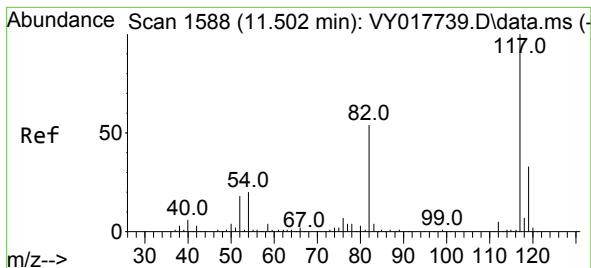
Tgt Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
58 42.3 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 43.970 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

Tgt Ion: 95 Resp: 75924
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 87.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

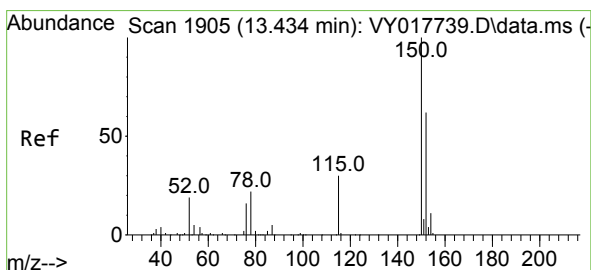
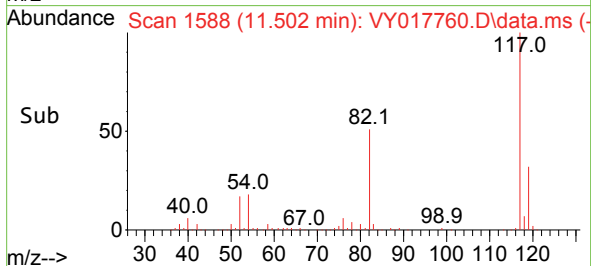
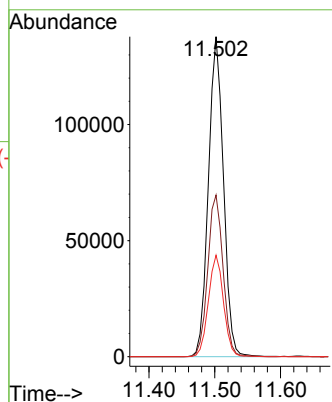
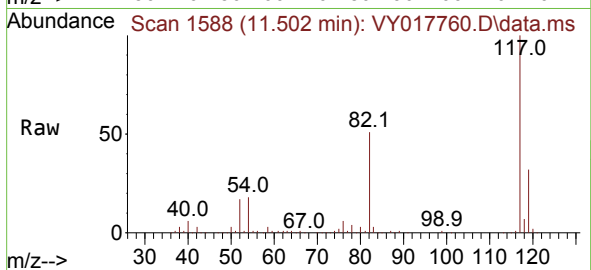
Tgt Ion:117 Resp: 219753

Ion Ratio Lower Upper

117 100

82 50.5 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

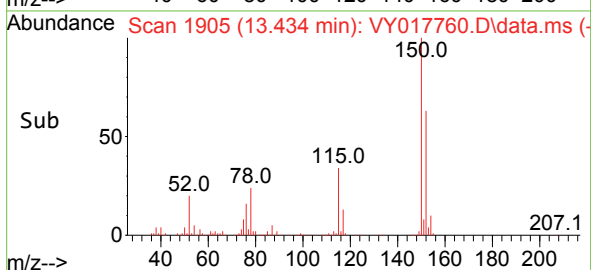
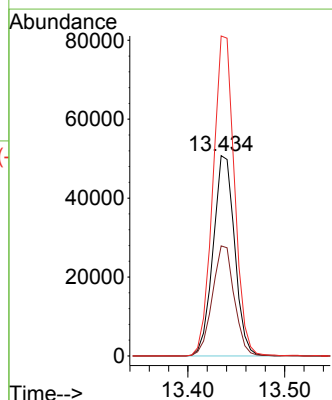
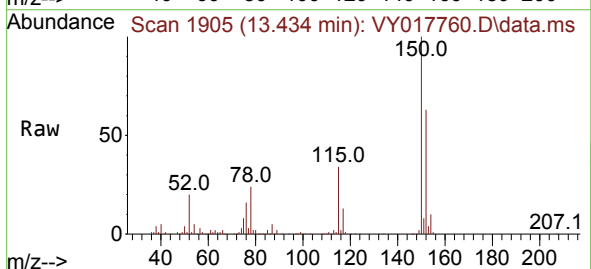
Tgt Ion:152 Resp: 78511

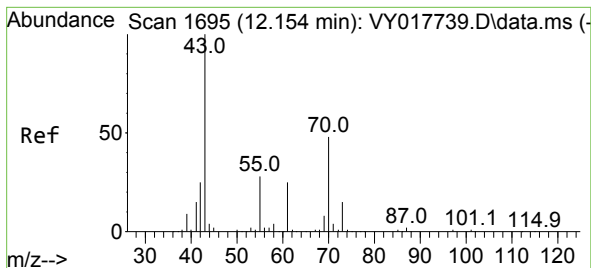
Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 159.4 0.0 345.6





#74

N-amy1 acetate

Concen: 2.581 ug/l

RT: 12.166 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017760.D

Acq: 26 Mar 2024 10:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0326SBL01

Tgt Ion: 43 Resp: 340

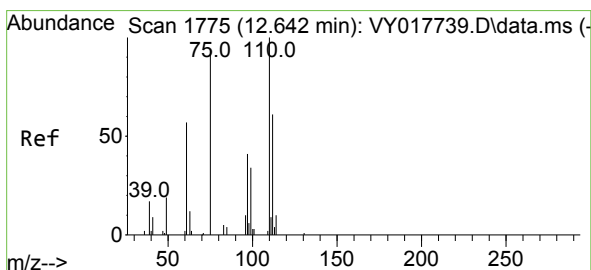
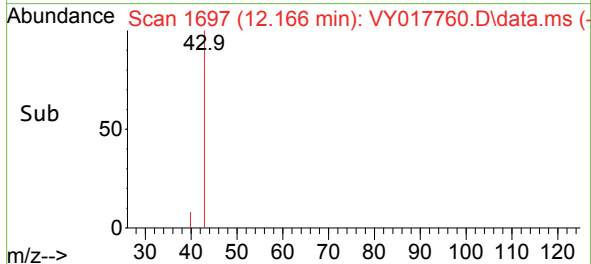
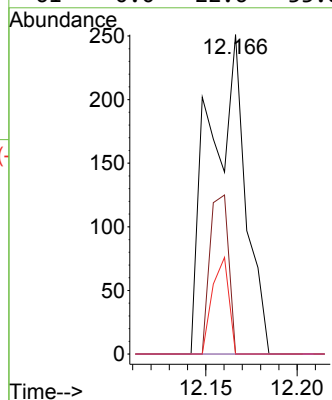
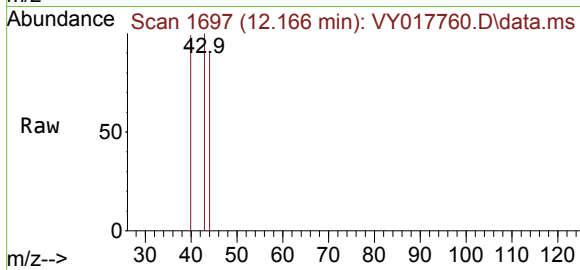
Ion Ratio Lower Upper

43 100

70 26.2 41.4 62.2#

55 14.1 23.3 34.9#

61 0.0 22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 53.329 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017760.D

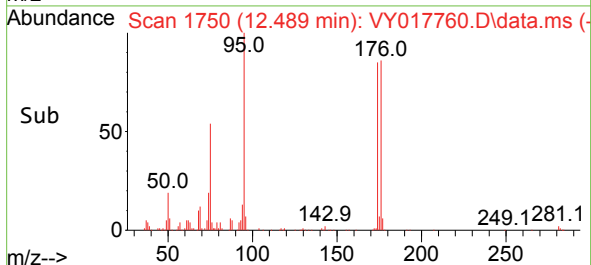
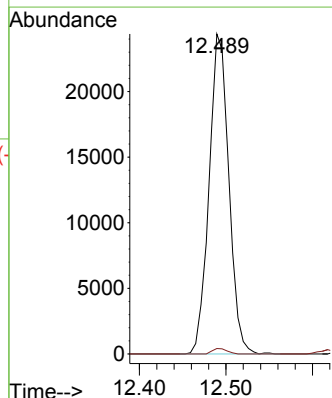
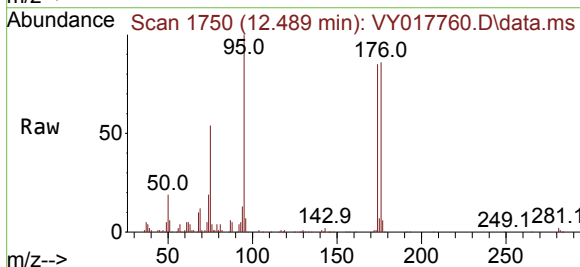
Acq: 26 Mar 2024 10:46

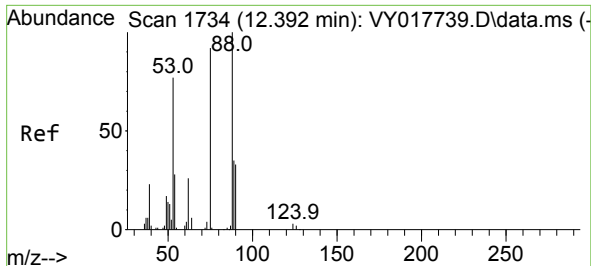
Tgt Ion: 75 Resp: 38664

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

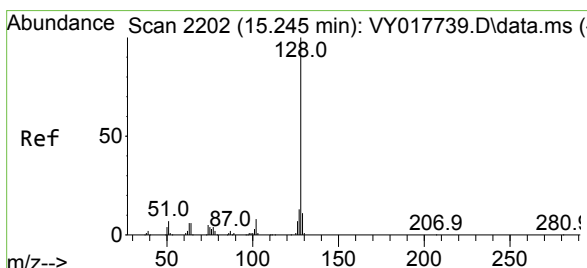
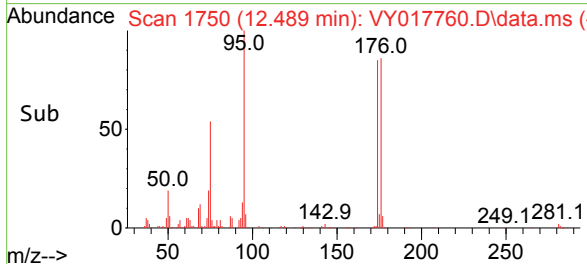
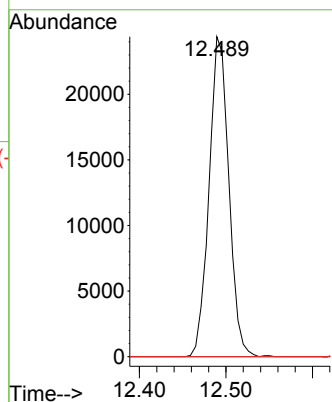
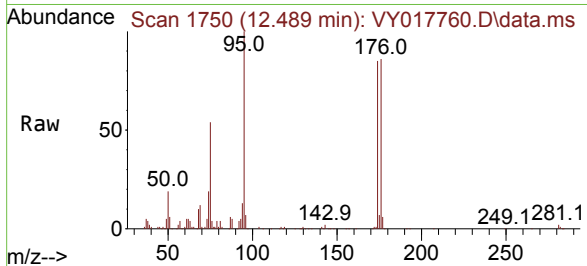




#81
trans-1,4-Dichloro-2-butene
Concen: 123.229 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.098 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0326SBL01

Tgt Ion: 75 Resp: 38664
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.334 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017760.D
Acq: 26 Mar 2024 10:46

Tgt Ion: 128 Resp: 1555
Ion Ratio Lower Upper
128 100
127 10.0 10.6 16.0#
129 9.0 8.6 13.0

