

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017508.D
 Acq On : 27 Feb 2024 19:47
 Operator : SY/MD
 Sample : P1611-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-022724

Quant Time: Feb 28 00:21:54 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)

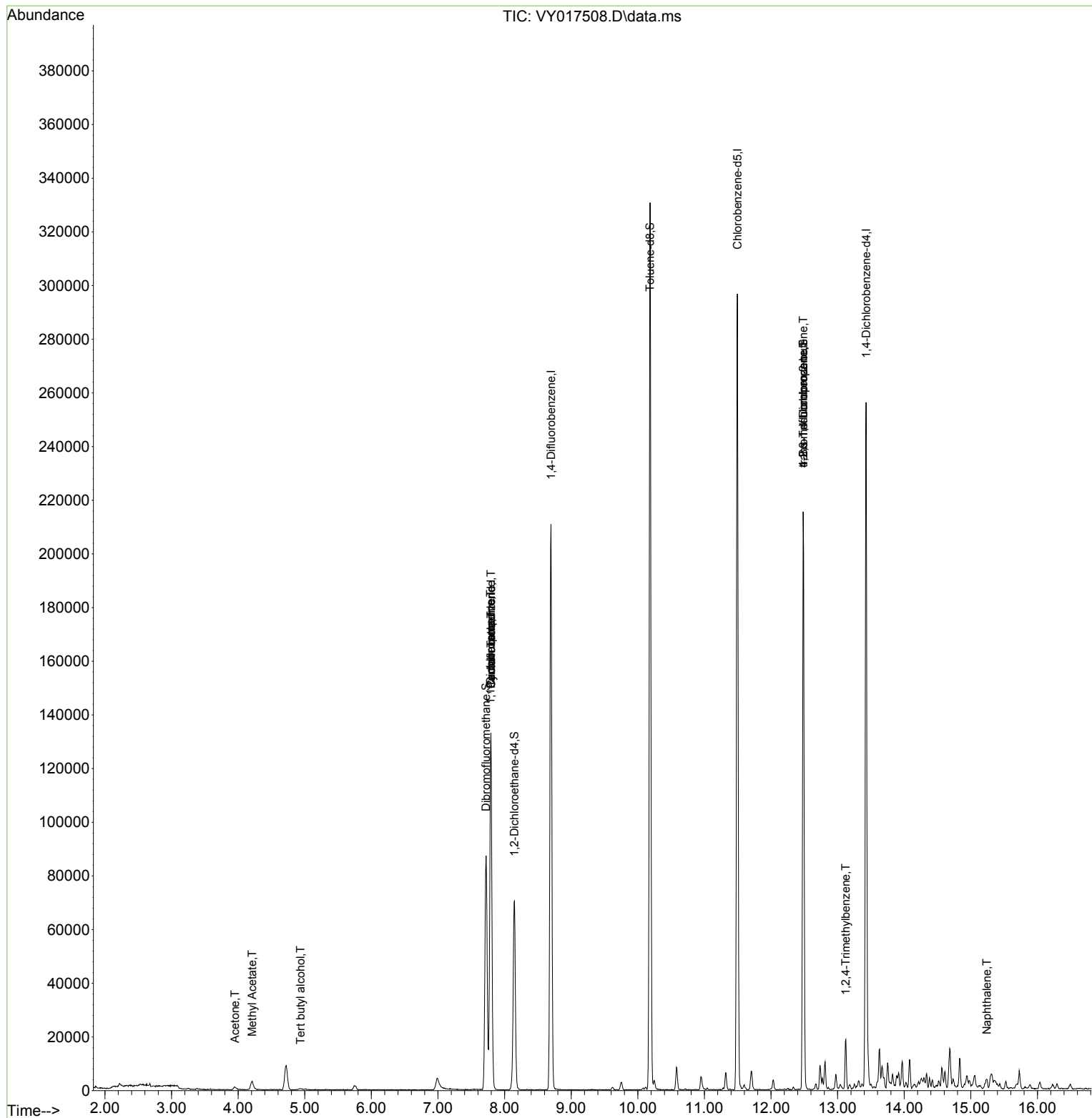
Internal Standards						
1) Pentafluorobenzene	7.795	168	110358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	194714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	174364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51623	49.358	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.720%		
35) Dibromofluoromethane	7.722	113	63158	46.548	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.100%		
50) Toluene-d8	10.185	98	221690	46.731	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.460%		
62) 4-Bromofluorobenzene	12.483	95	59473	39.891	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	79.780%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	400	4.502	ug/l #	88
16) Acetone	3.954	43	1883	9.282	ug/l	90
18) Methyl Acetate	4.210	43	1179	2.396	ug/l #	46
31) Cyclohexane	7.795	56	1780	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7994	4.367	ug/l #	46
38) Carbon Tetrachloride	7.795	117	10083	5.496	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	29440	44.588	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29440	102.453	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.123	105	10359	2.537	ug/l	99
95) Naphthalene	15.239	128	3512	5.404	ug/l	97

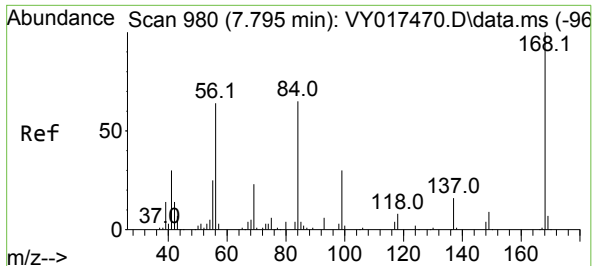
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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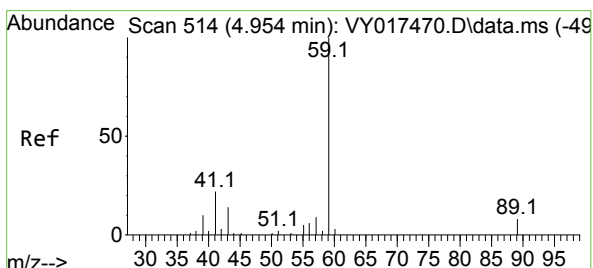
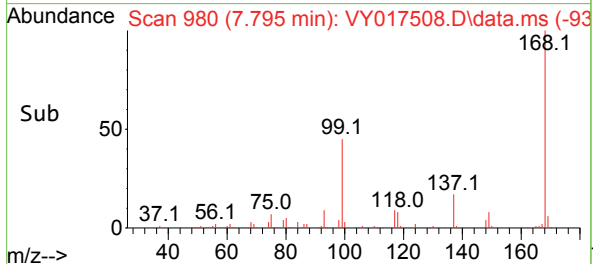
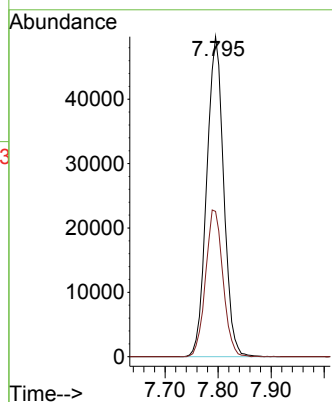
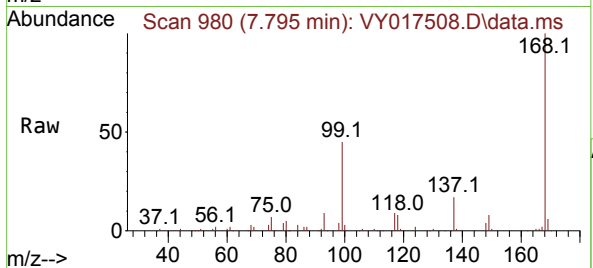




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

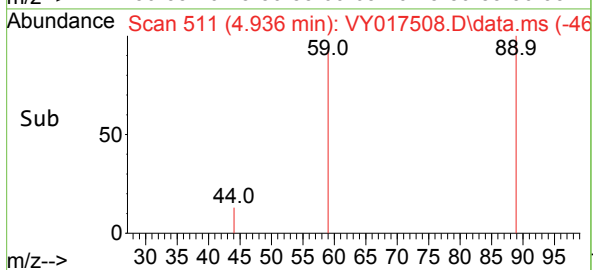
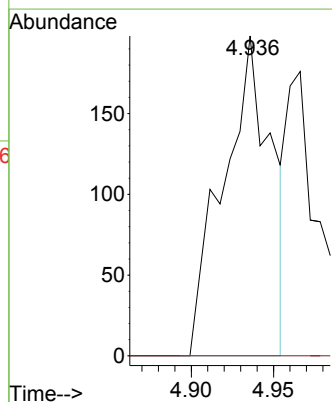
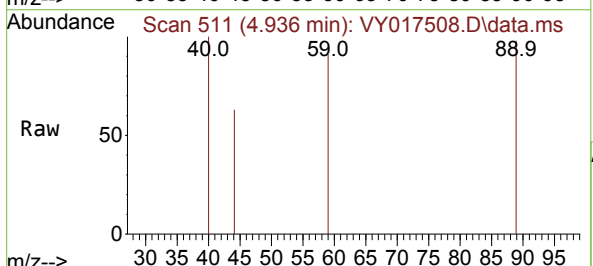
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

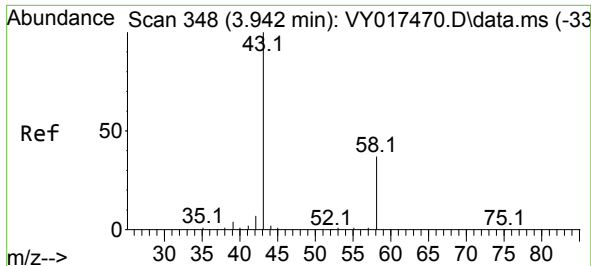
Tgt Ion:168 Resp: 110358
Ion Ratio Lower Upper
168 100
99 45.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.502 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion: 59 Resp: 400
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 9.282 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017508.D

Acq: 27 Feb 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

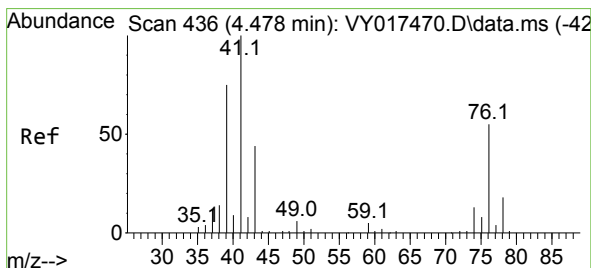
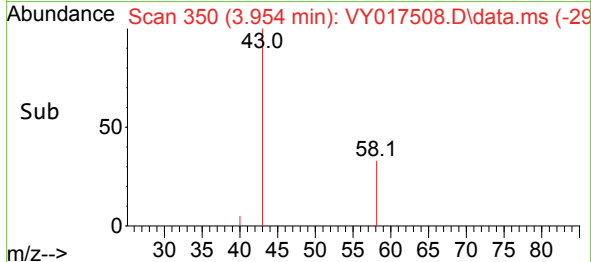
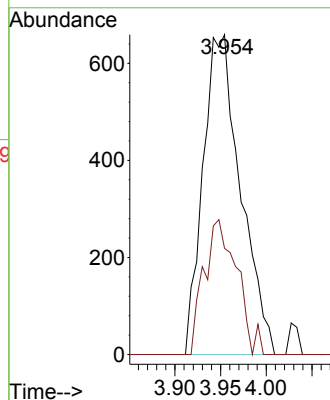
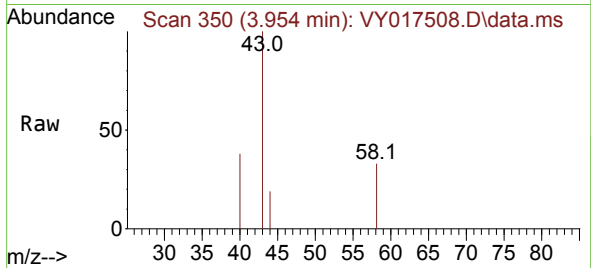
TR-05-022724

Tgt Ion: 43 Resp: 1883

Ion Ratio Lower Upper

43 100

58 33.2 31.7 47.5



#18

Methyl Acetate

Concen: 2.396 ug/l

RT: 4.210 min Scan# 392

Delta R.T. -0.268 min

Lab File: VY017508.D

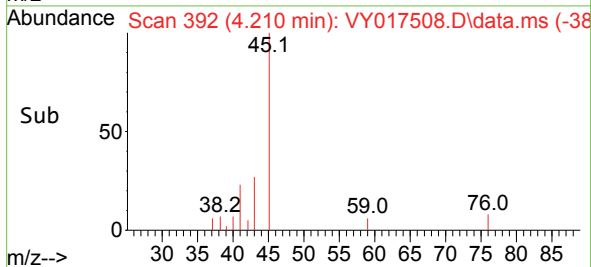
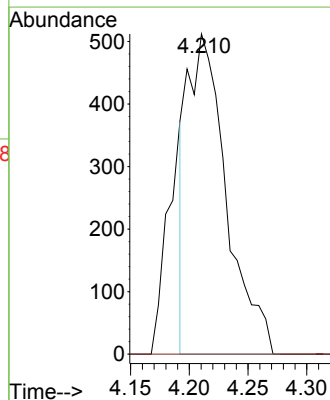
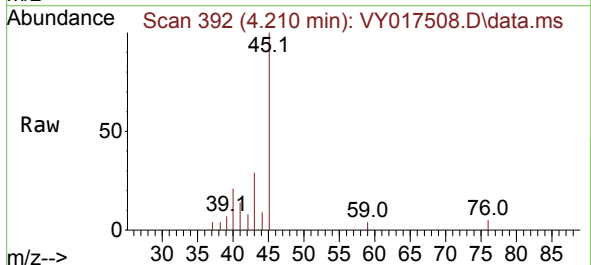
Acq: 27 Feb 2024 19:47

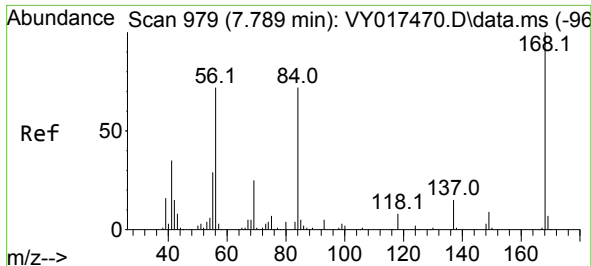
Tgt Ion: 43 Resp: 1179

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#

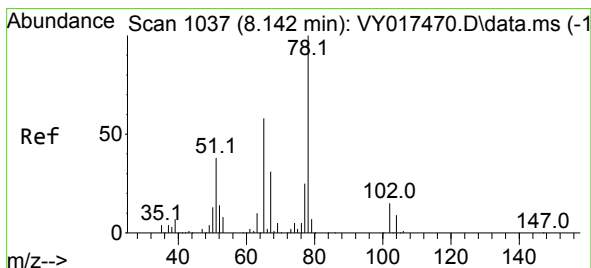
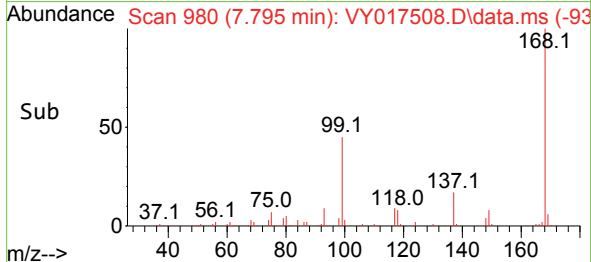
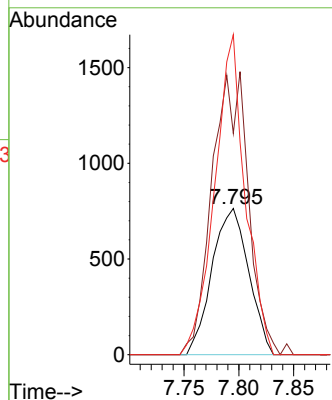
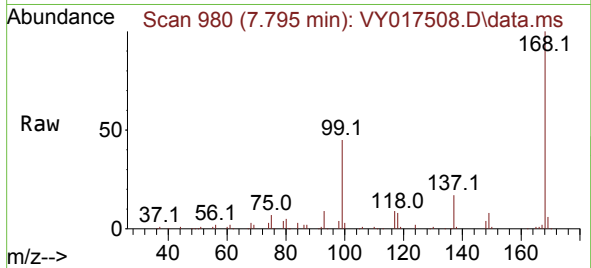




#31
Cyclohexane
Concen: 1.046 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

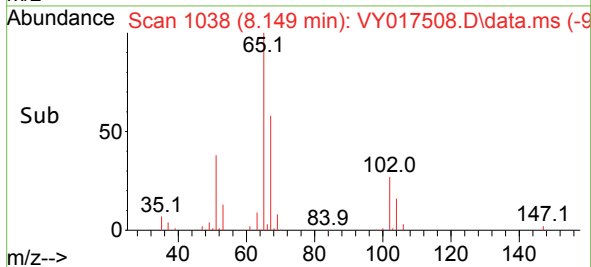
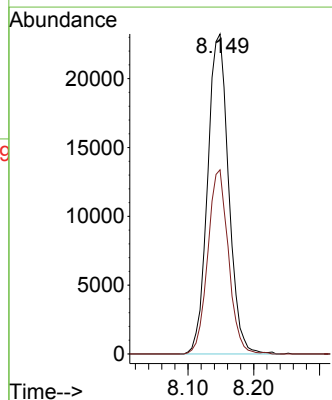
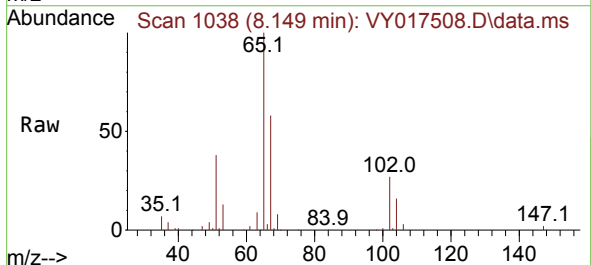
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

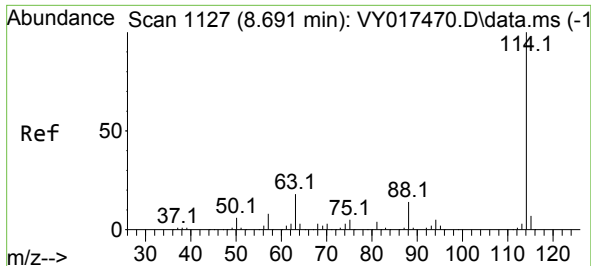
Tgt Ion: 56 Resp: 1780
Ion Ratio Lower Upper
56 100
69 151.3 28.7 43.1#
84 218.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.358 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion: 65 Resp: 51623
Ion Ratio Lower Upper
65 100
67 56.6 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: VY017508.D

Acq: 27 Feb 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-022724

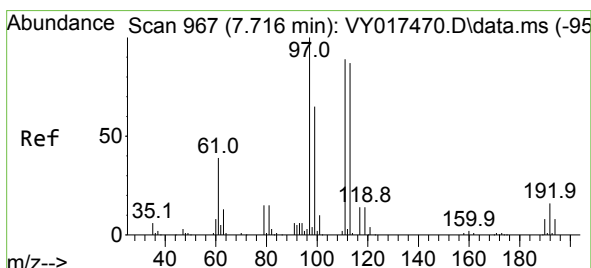
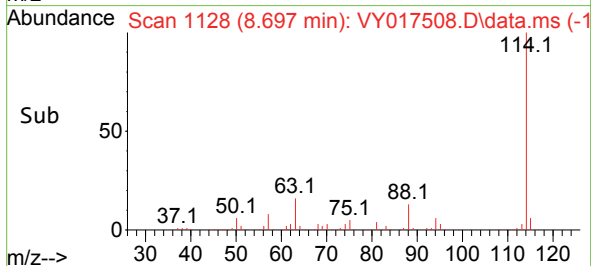
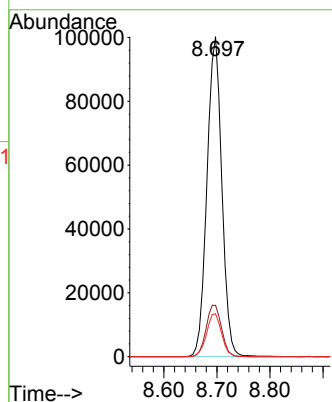
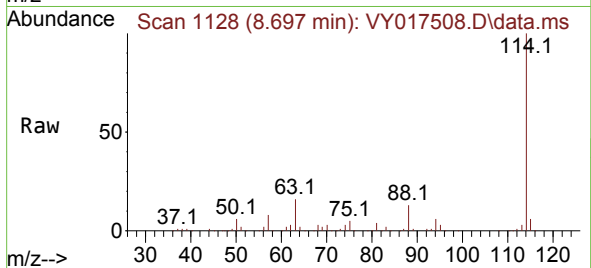
Tgt Ion:114 Resp: 194714

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.548 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017508.D

Acq: 27 Feb 2024 19:47

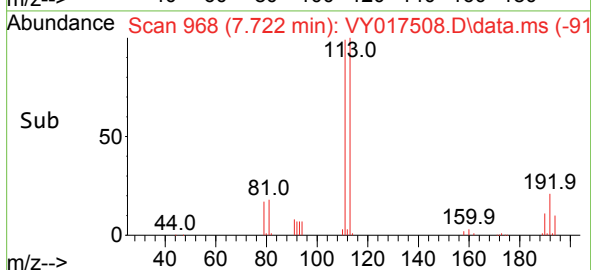
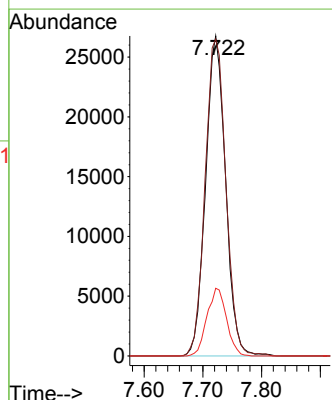
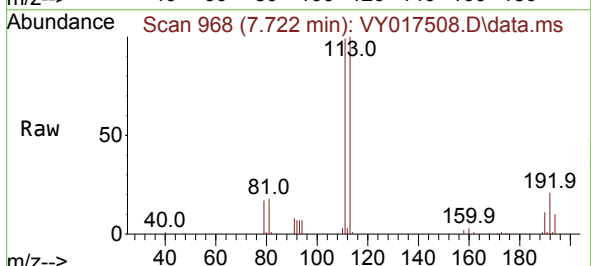
Tgt Ion:113 Resp: 63158

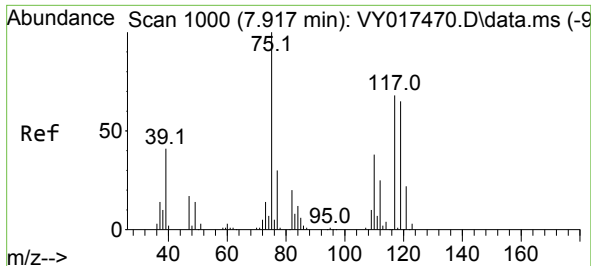
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 20.7 15.9 23.9

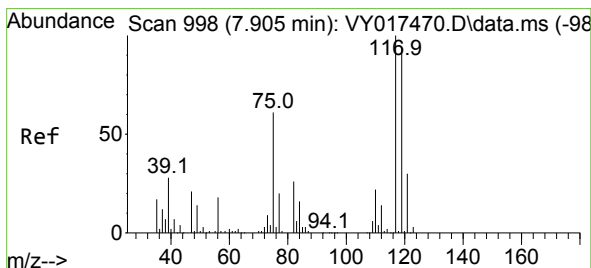
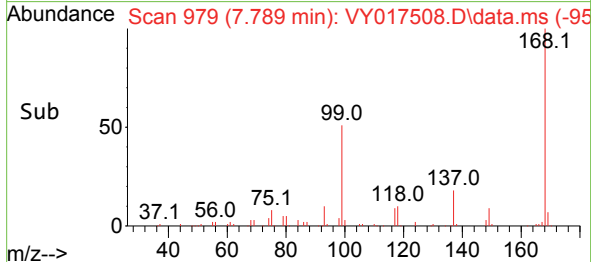
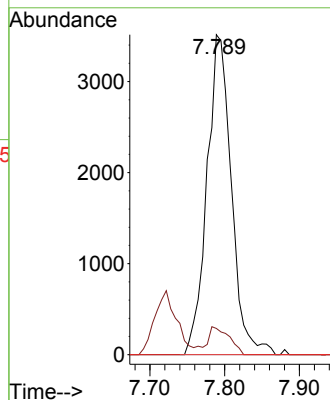
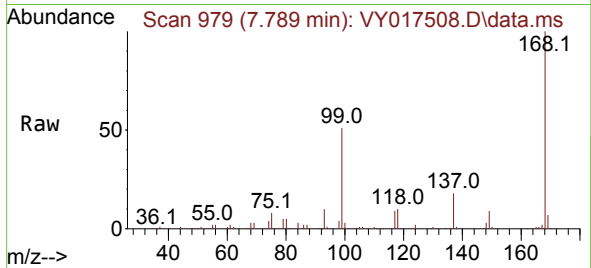




#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

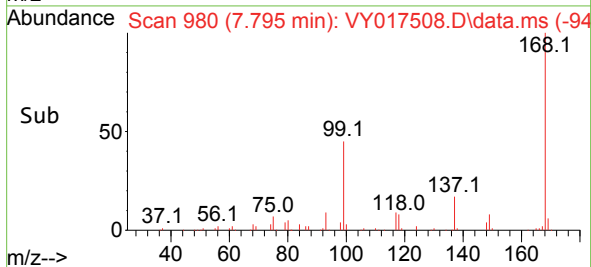
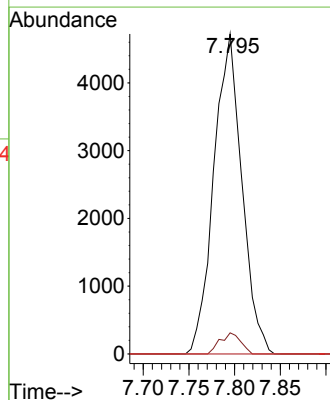
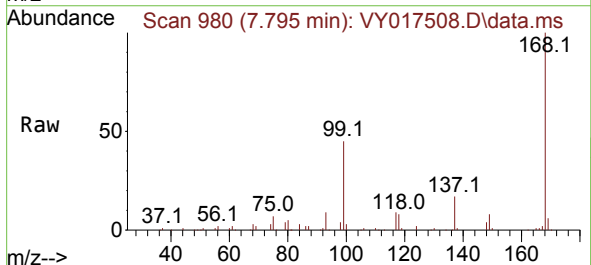
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

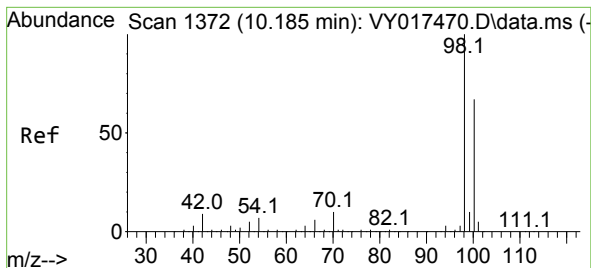
Tgt Ion: 75 Resp: 7994
Ion Ratio Lower Upper
75 100
110 7.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion: 117 Resp: 10083
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.731 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017508.D

Acq: 27 Feb 2024 19:47

Instrument :

MSVOA_Y

ClientSampleId :

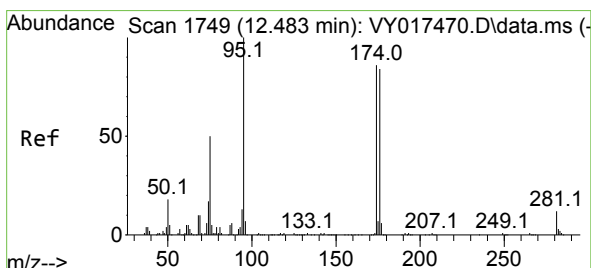
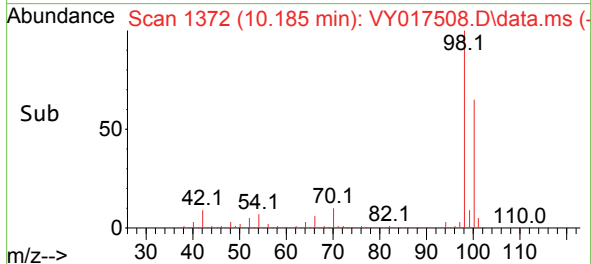
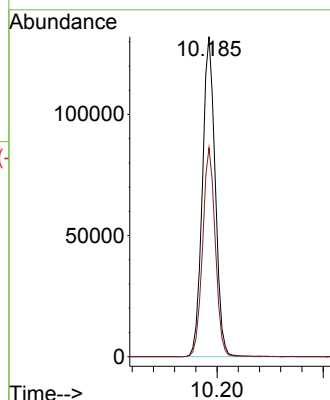
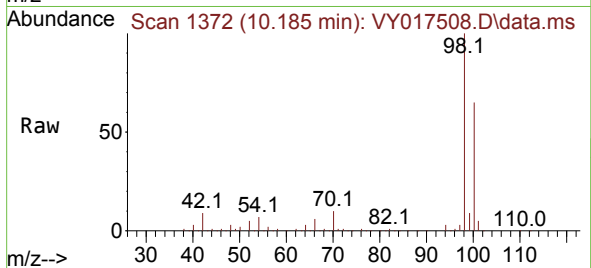
TR-05-022724

Tgt Ion: 98 Resp: 221690

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.891 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017508.D

Acq: 27 Feb 2024 19:47

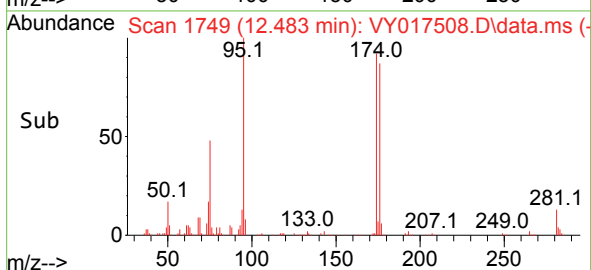
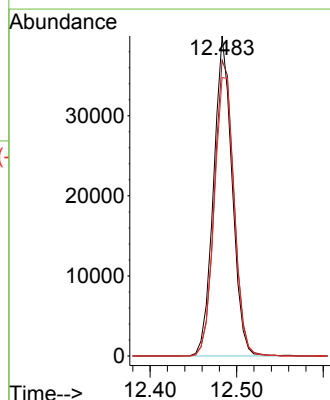
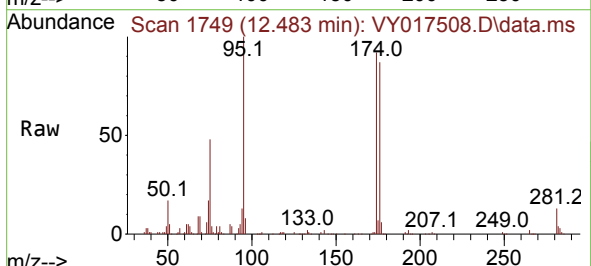
Tgt Ion: 95 Resp: 59473

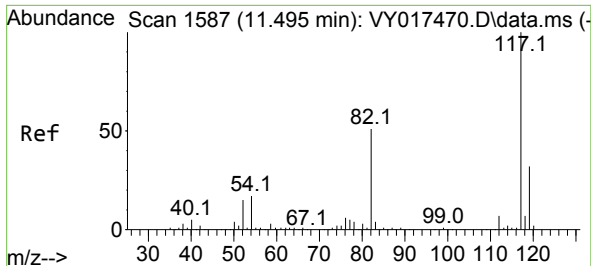
Ion Ratio Lower Upper

95 100

174 97.3 0.0 175.6

176 93.7 0.0 171.4

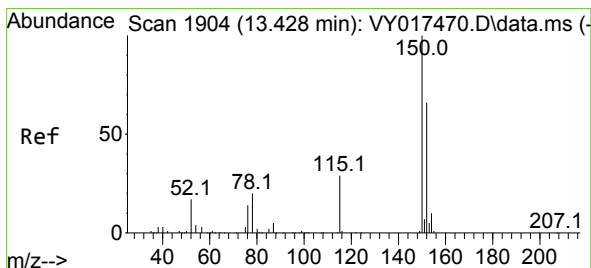
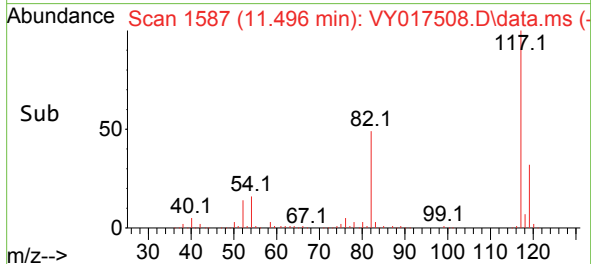
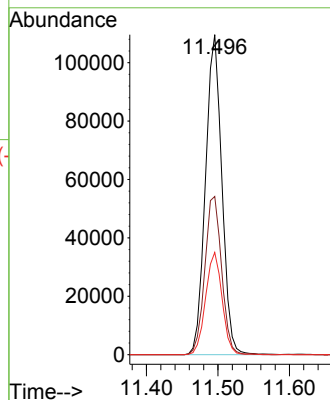
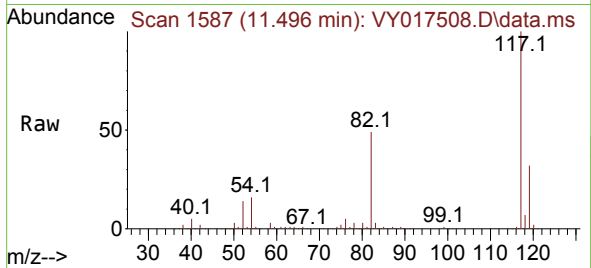




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

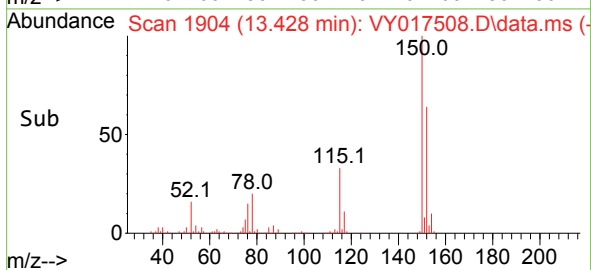
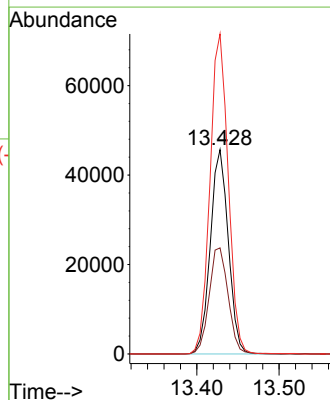
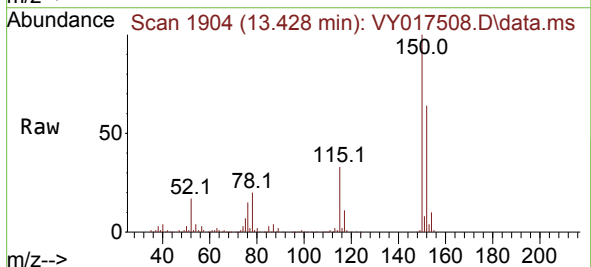
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

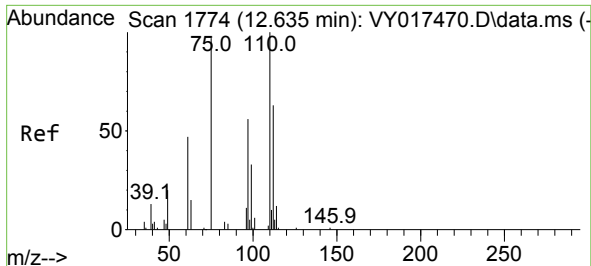
Tgt Ion:117 Resp: 174364
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion:152 Resp: 69491
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 158.4 0.0 345.6

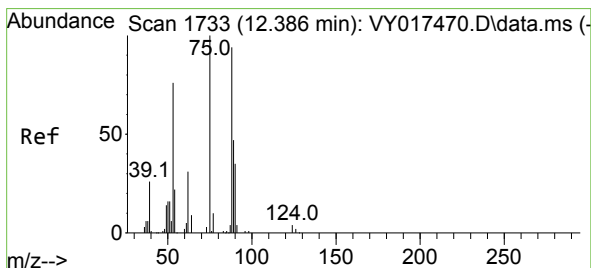
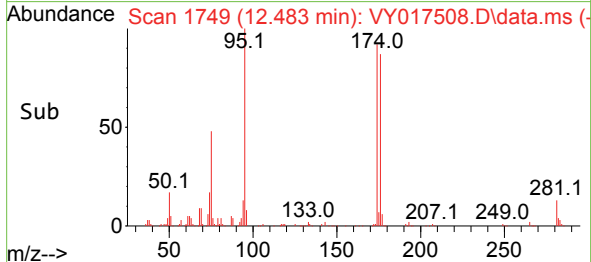
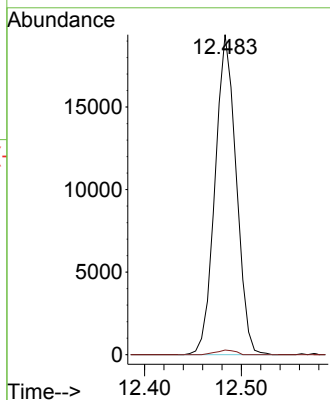
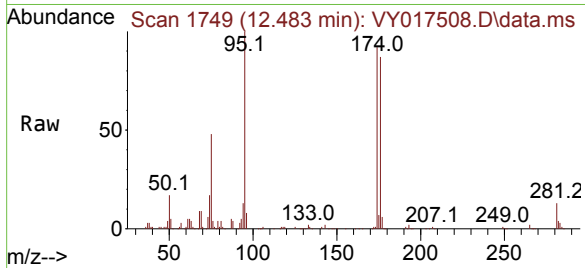




#76
1,2,3-Trichloropropane
Concen: 44.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

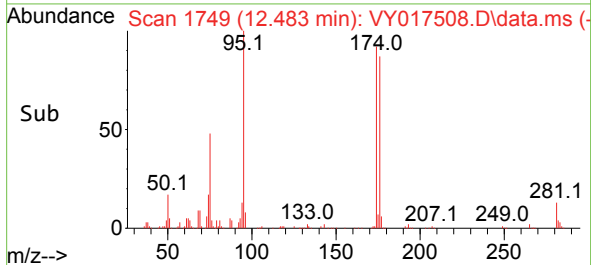
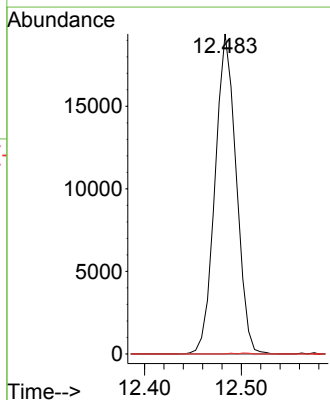
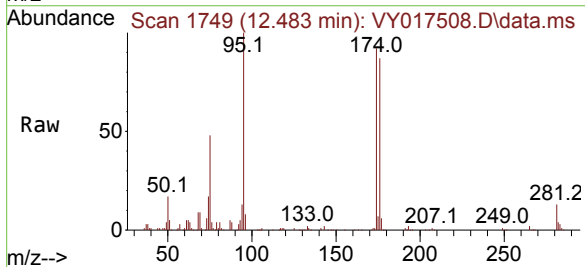
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

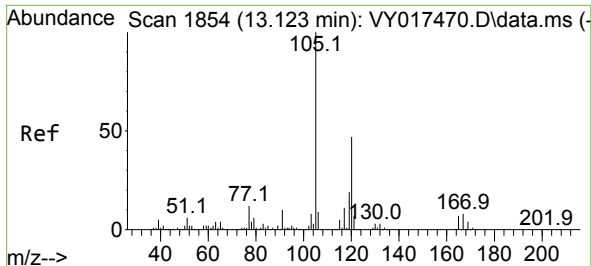
Tgt Ion: 75 Resp: 29440
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.453 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion: 75 Resp: 29440
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

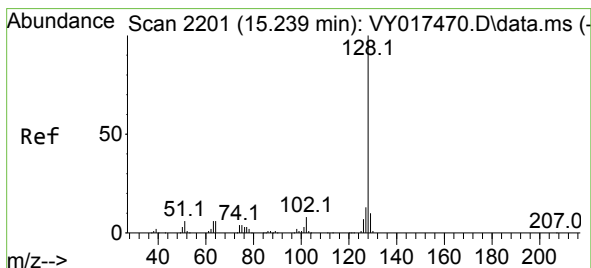
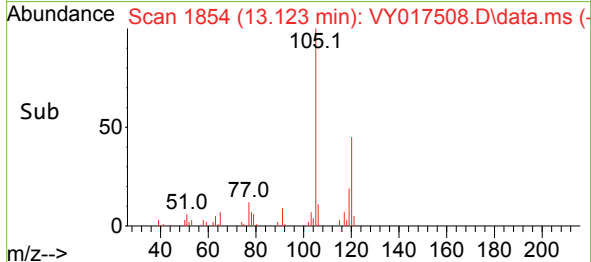
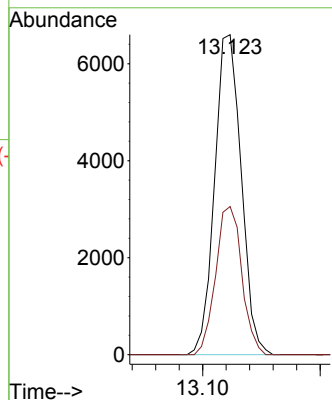
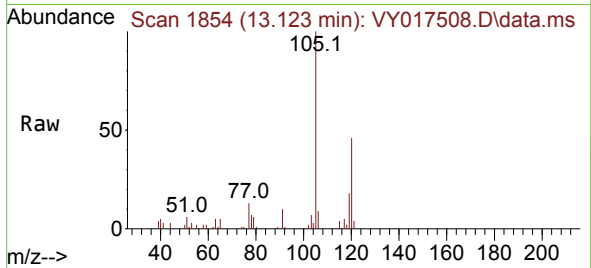




#84
1,2,4-Trimethylbenzene
Concen: 2.537 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-022724

Tgt Ion:105 Resp: 10359
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.6



#95
Naphthalene
Concen: 5.404 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017508.D
Acq: 27 Feb 2024 19:47

Tgt Ion:128 Resp: 3512
Ion Ratio Lower Upper
128 100
127 14.4 10.6 16.0
129 9.7 8.6 13.0

