

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017714.D
 Acq On : 19 Mar 2024 18:07
 Operator : SY/MD
 Sample : P1804-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-03192024-B

Quant Time: Mar 20 03:04:53 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)

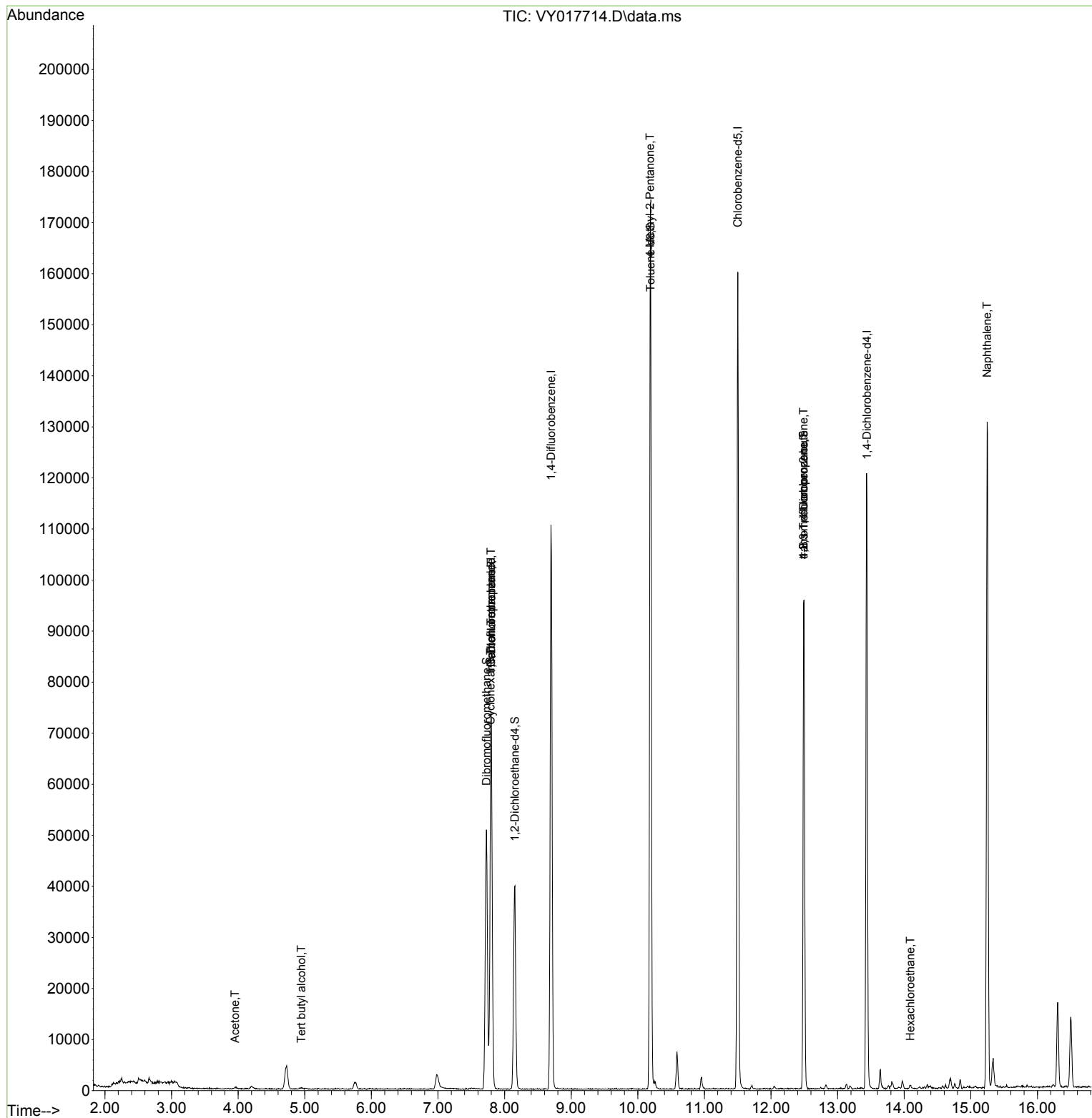
Internal Standards						
1) Pentafluorobenzene	7.795	168	61373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	93072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	34232	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	29872	51.357	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.720%			
35) Dibromofluoromethane	7.728	113	36481	50.373	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.740%			
50) Toluene-d8	10.191	98	118454	46.780	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.560%			
62) 4-Bromofluorobenzene	12.489	95	29915	37.592	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 75.180%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	365	7.388	ug/l #	88
16) Acetone	3.954	43	493	4.370	ug/l	97
31) Cyclohexane	7.789	56	995	1.051	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	4354	4.456	ug/l #	48
38) Carbon Tetrachloride	7.795	117	5464	5.579	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	421	1.114	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	14487	44.540	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	14487	102.344	ug/l #	16
90) Hexachloroethane	14.093	117	532	1.185	ug/l #	12
95) Naphthalene	15.245	128	114890	102.862	ug/l	100

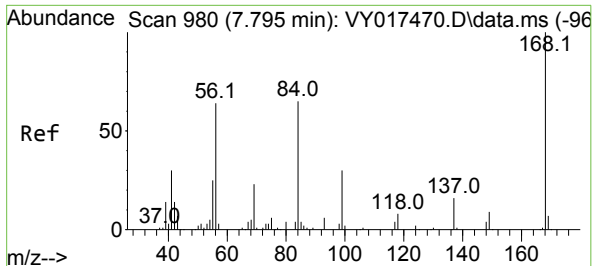
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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JC-03-03192024-B

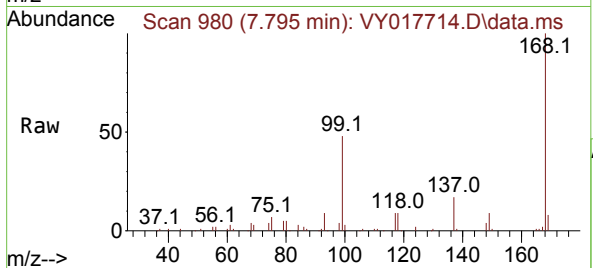
Quant Time: Mar 20 03:04:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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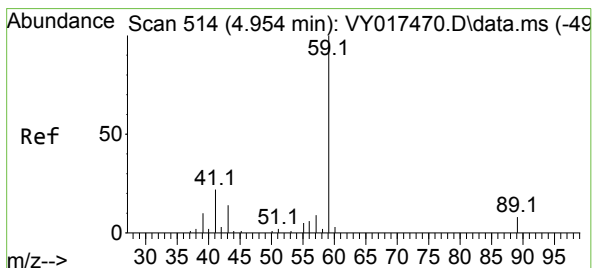
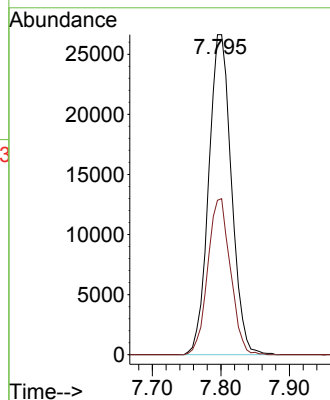
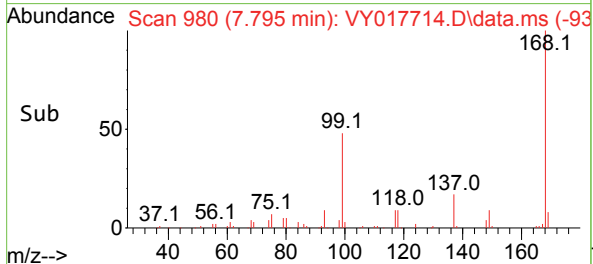


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-B

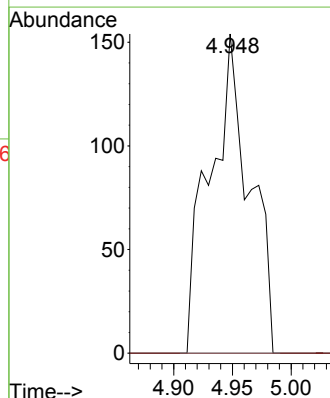
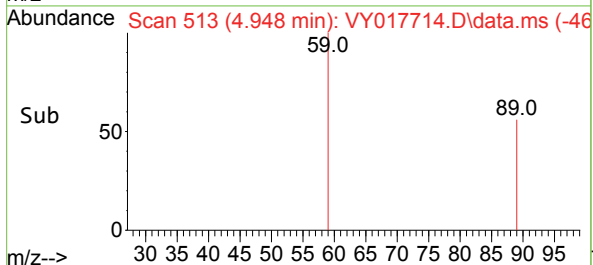
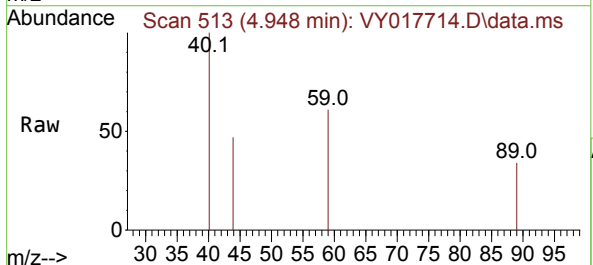


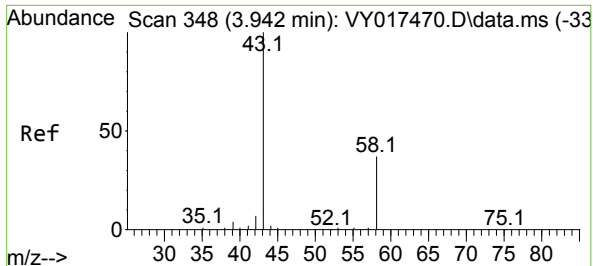
Tgt Ion:168 Resp: 61373
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 7.388 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

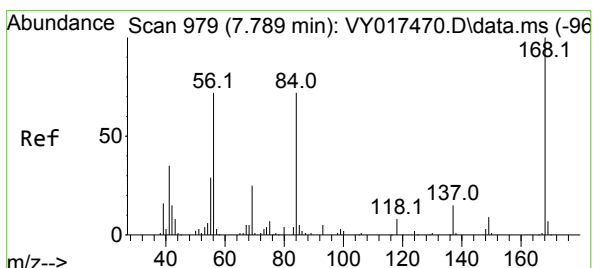
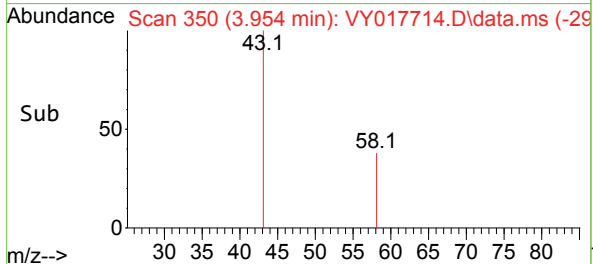
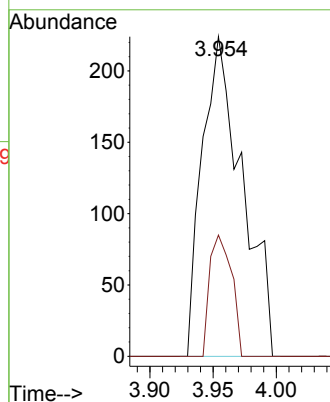
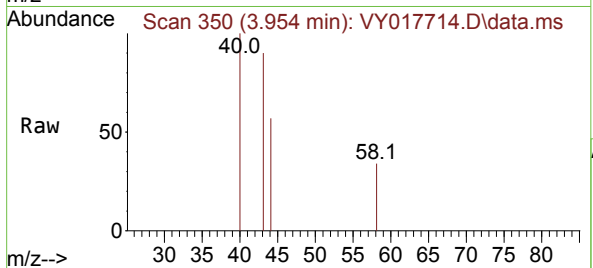




#16
Acetone
Concen: 4.370 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

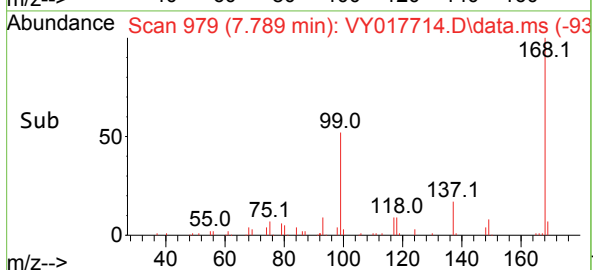
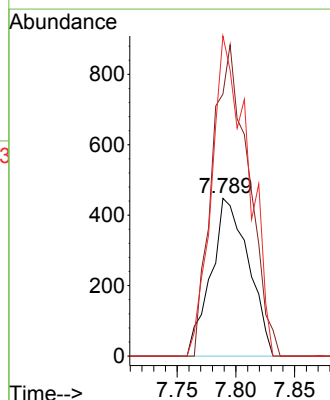
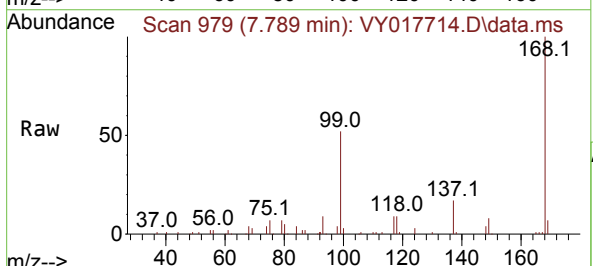
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-B

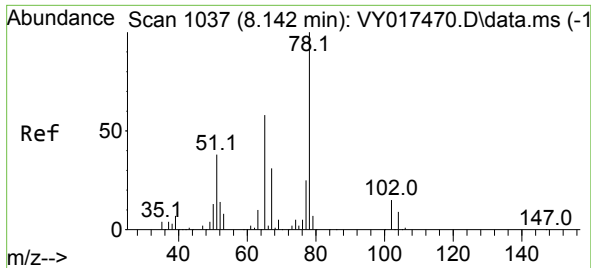
Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
58 37.9 31.7 47.5



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

Tgt Ion: 56 Resp: 995
Ion Ratio Lower Upper
56 100
69 166.1 28.7 43.1#
84 202.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 51.357 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

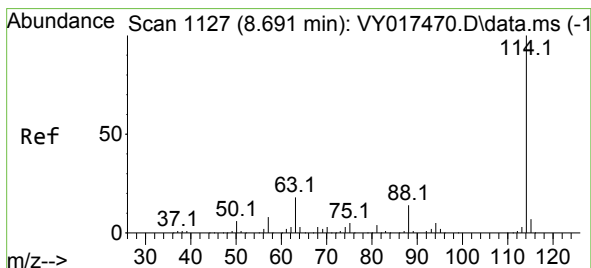
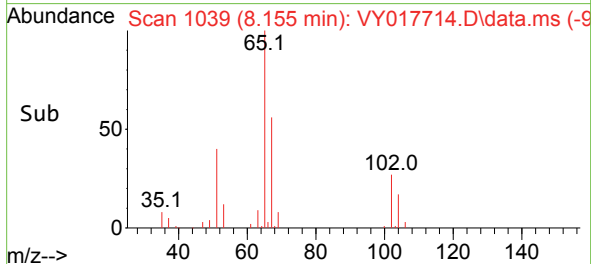
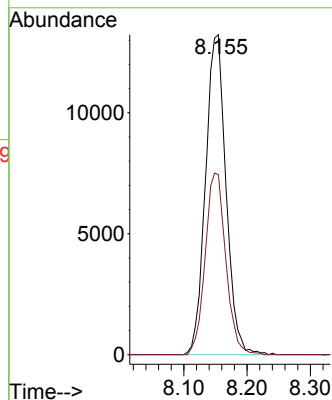
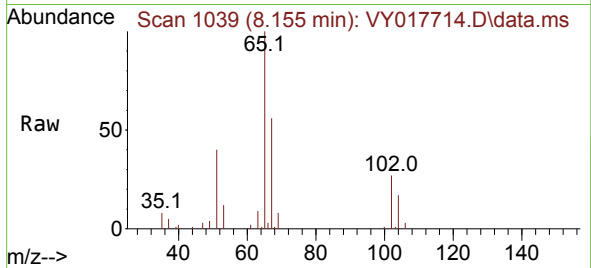
JC-03-03192024-B

Tgt Ion: 65 Resp: 29872

Ion Ratio Lower Upper

65 100

67 57.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

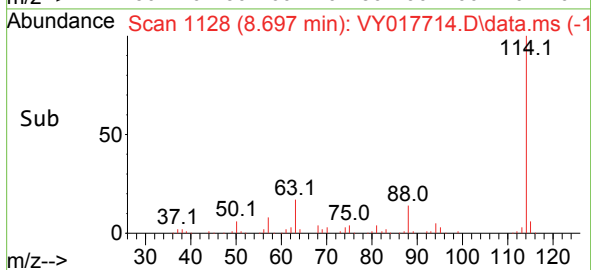
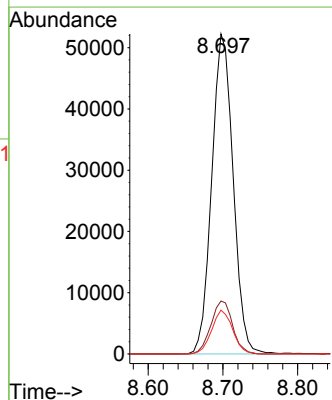
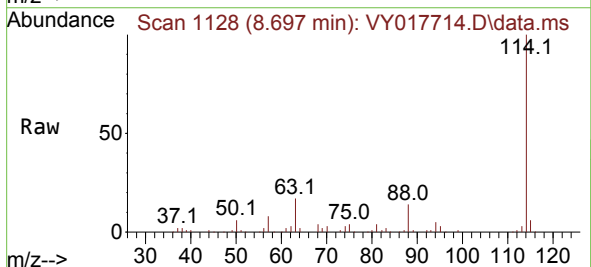
Tgt Ion: 114 Resp: 103931

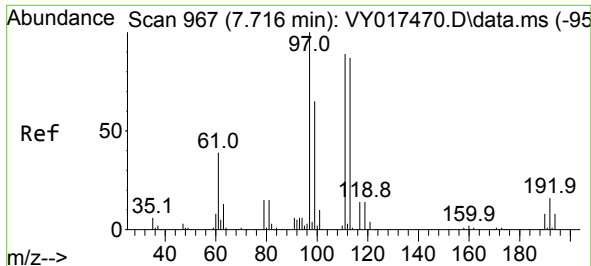
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.7 0.0 27.2

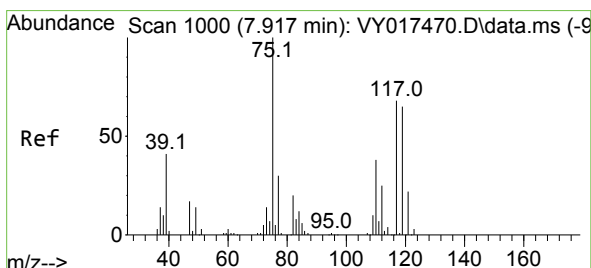
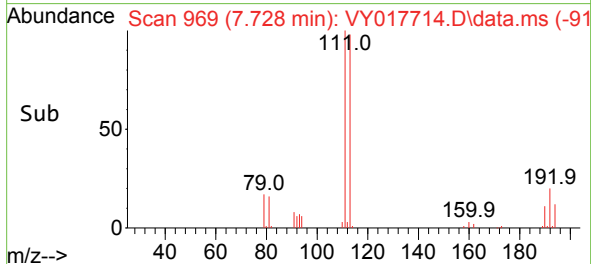
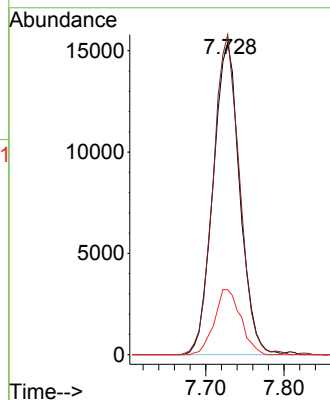
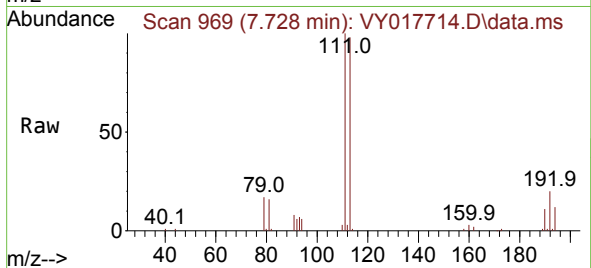




#35
Dibromofluoromethane
Concen: 50.373 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

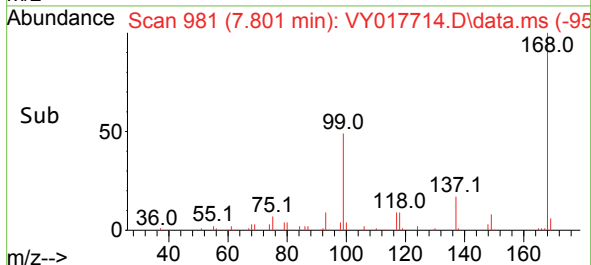
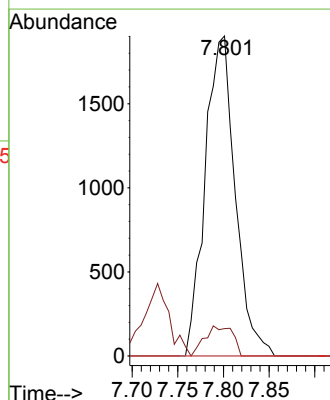
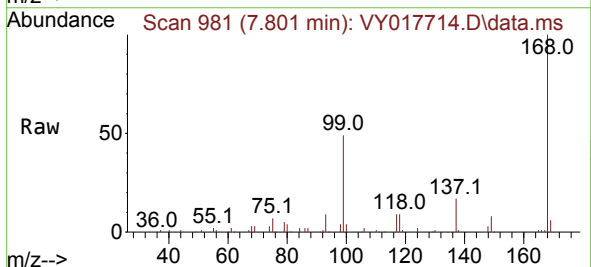
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-B

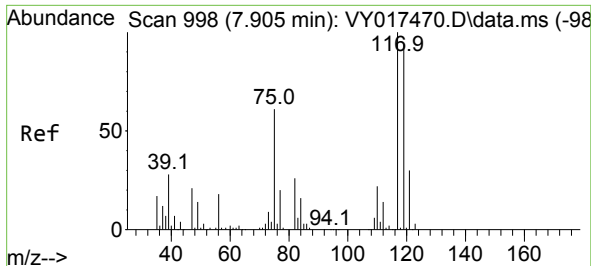
Tgt Ion:113 Resp: 36481
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

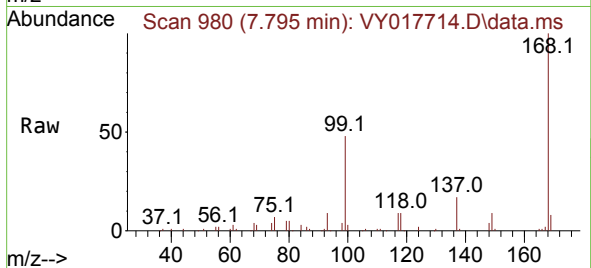
Tgt Ion: 75 Resp: 4354
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



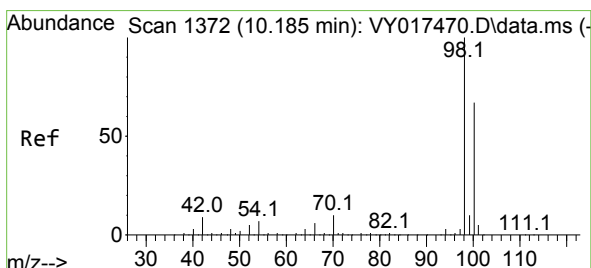
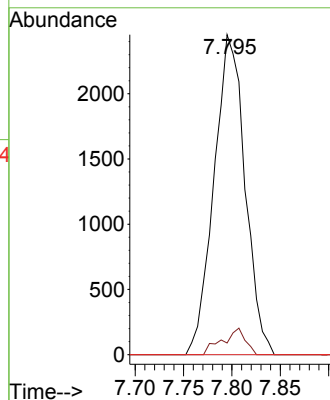
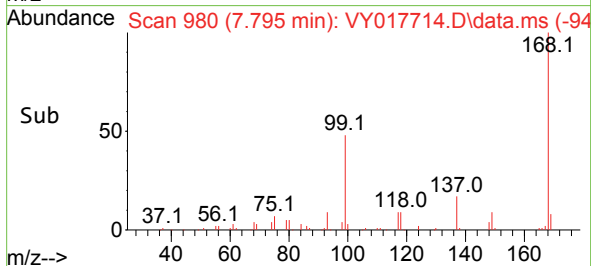


#38
Carbon Tetrachloride
Concen: 5.579 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-B

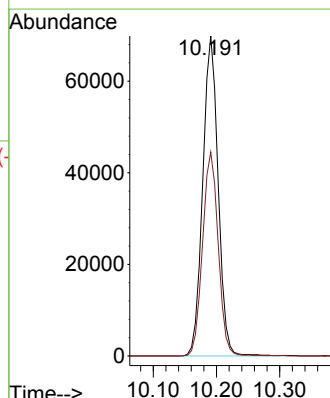
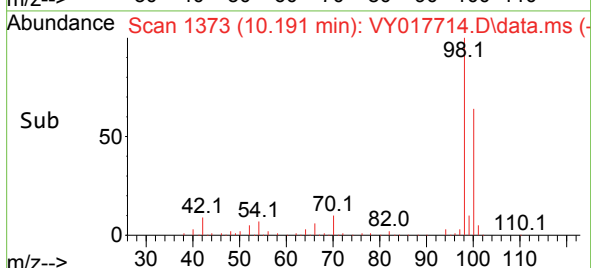
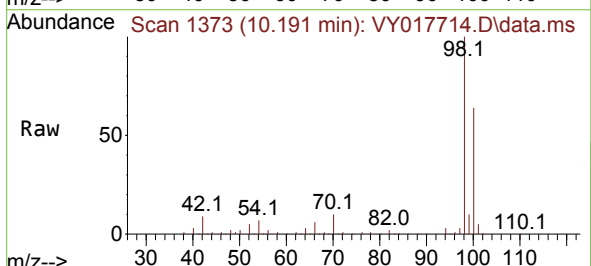


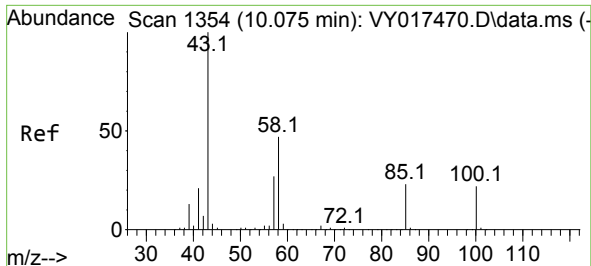
Tgt Ion:117 Resp: 5464
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.780 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

Tgt Ion: 98 Resp: 118454
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.114 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

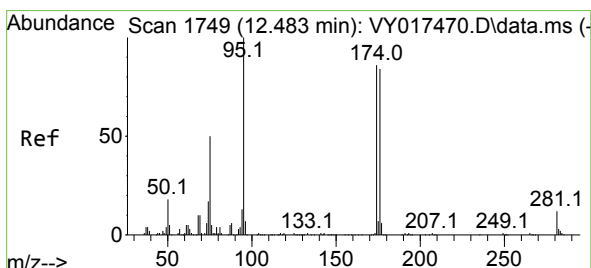
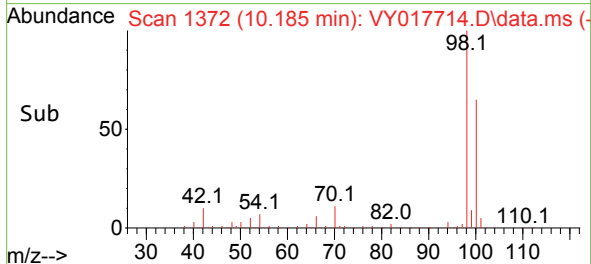
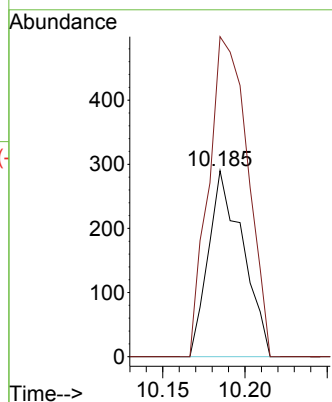
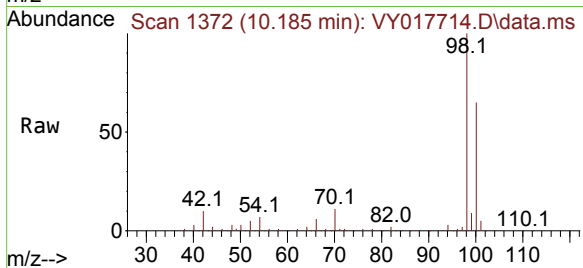
JC-03-03192024-B

Tgt Ion: 43 Resp: 421

Ion Ratio Lower Upper

43 100

58 195.5 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 37.592 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

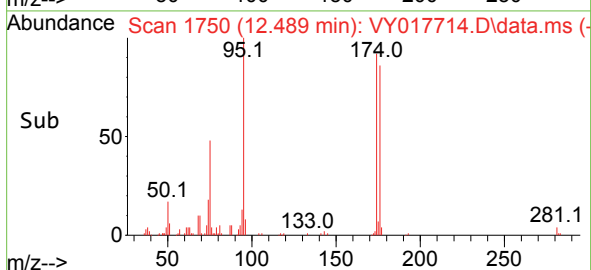
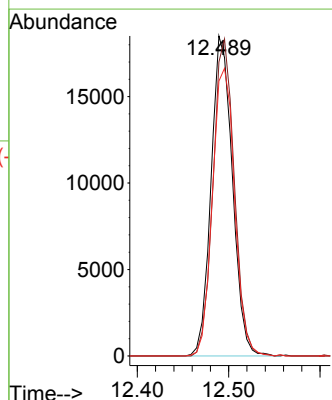
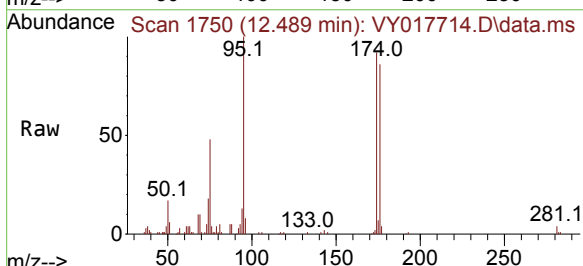
Tgt Ion: 95 Resp: 29915

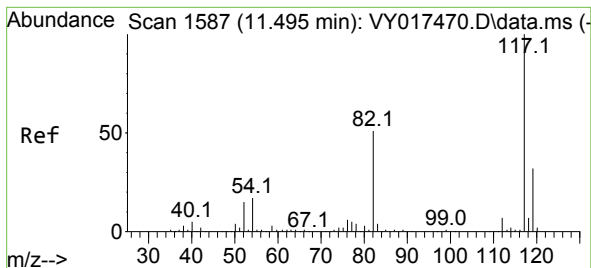
Ion Ratio Lower Upper

95 100

174 98.9 0.0 175.6

176 93.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Instrument :

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ClientSampleId :

JC-03-03192024-B

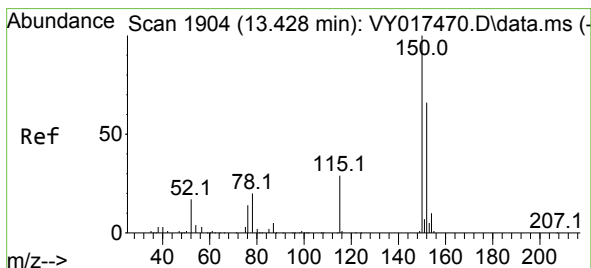
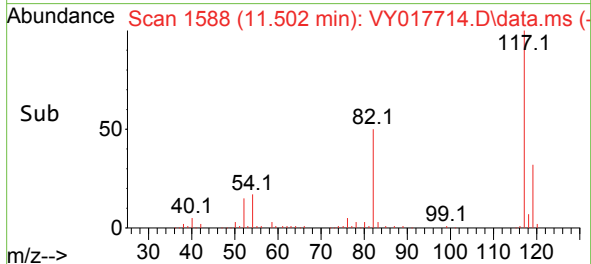
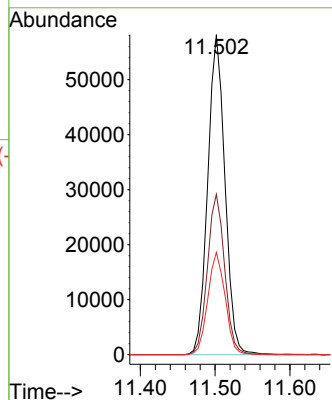
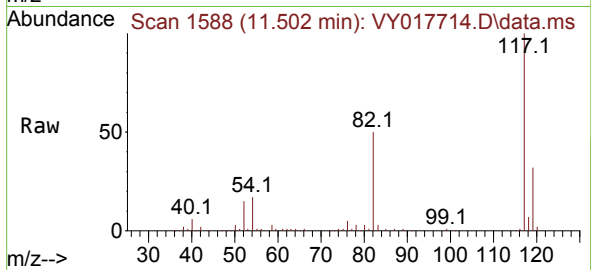
Tgt Ion:117 Resp: 93072

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

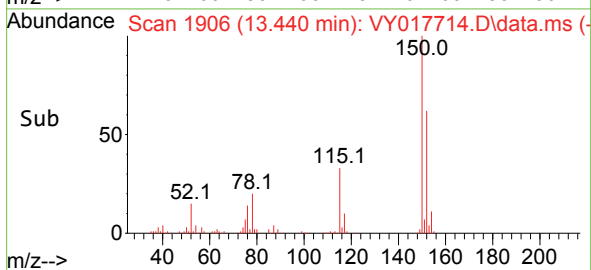
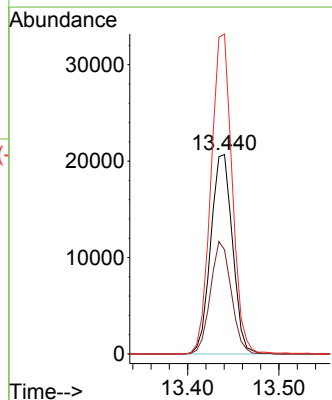
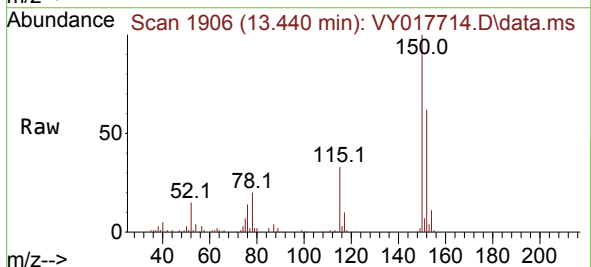
Tgt Ion:152 Resp: 34232

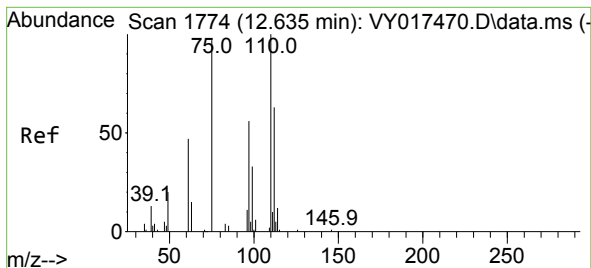
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 155.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 44.540 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

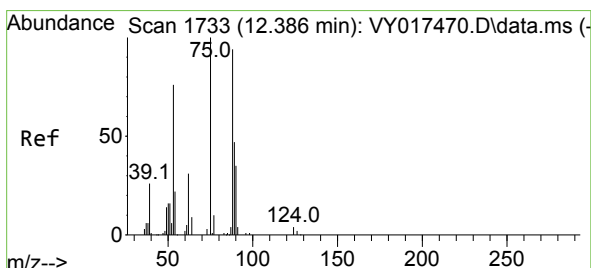
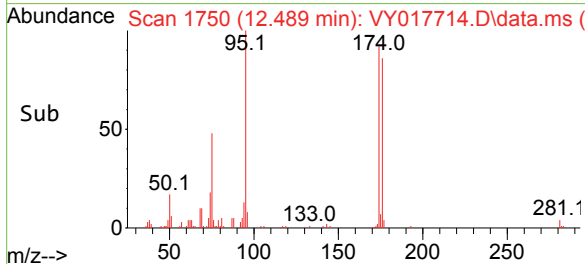
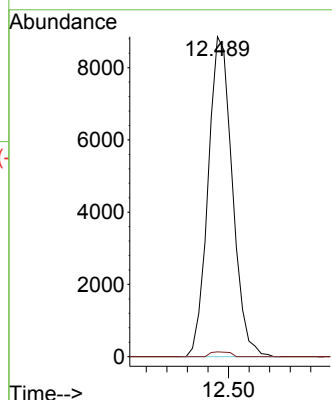
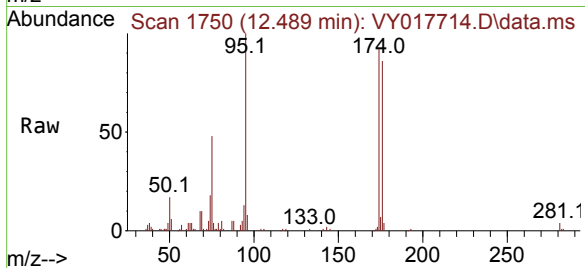
JC-03-03192024-B

Tgt Ion: 75 Resp: 14487

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.344 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

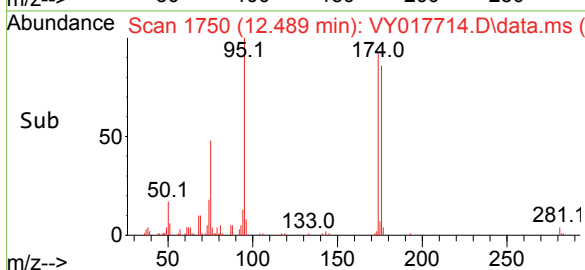
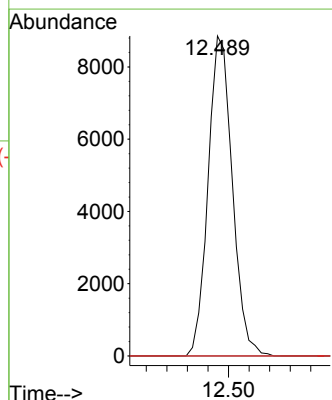
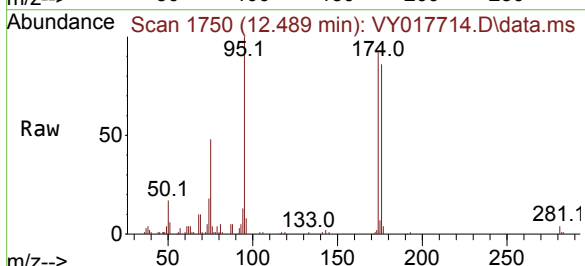
Tgt Ion: 75 Resp: 14487

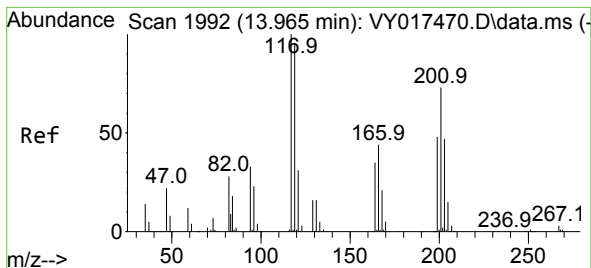
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#





#90

Hexachloroethane

Concen: 1.185 ug/l

RT: 14.093 min Scan# 20

Delta R.T. 0.128 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

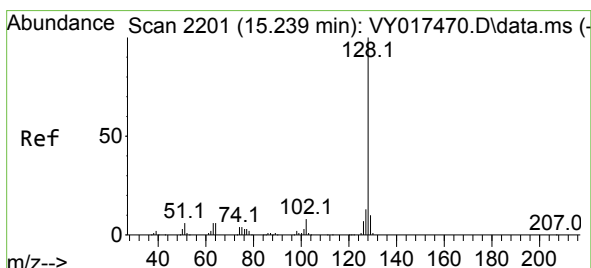
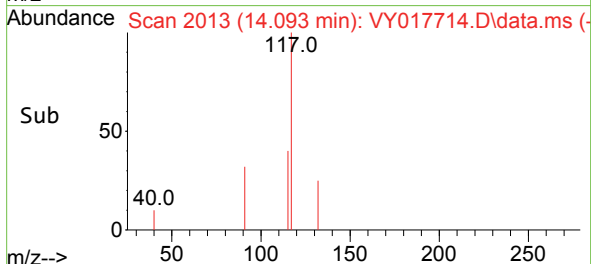
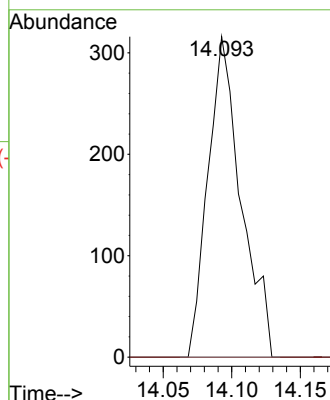
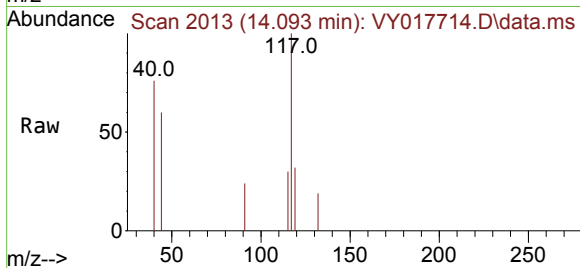
JC-03-03192024-B

Tgt Ion:117 Resp: 532

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#95

Naphthalene

Concen: 102.862 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Tgt Ion:128 Resp: 114890

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0

