

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017674.D
 Acq On : 15 Mar 2024 15:47
 Operator : SY/MD
 Sample : P1746-19
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-0-2.0

Quant Time: Mar 16 00:17:45 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)

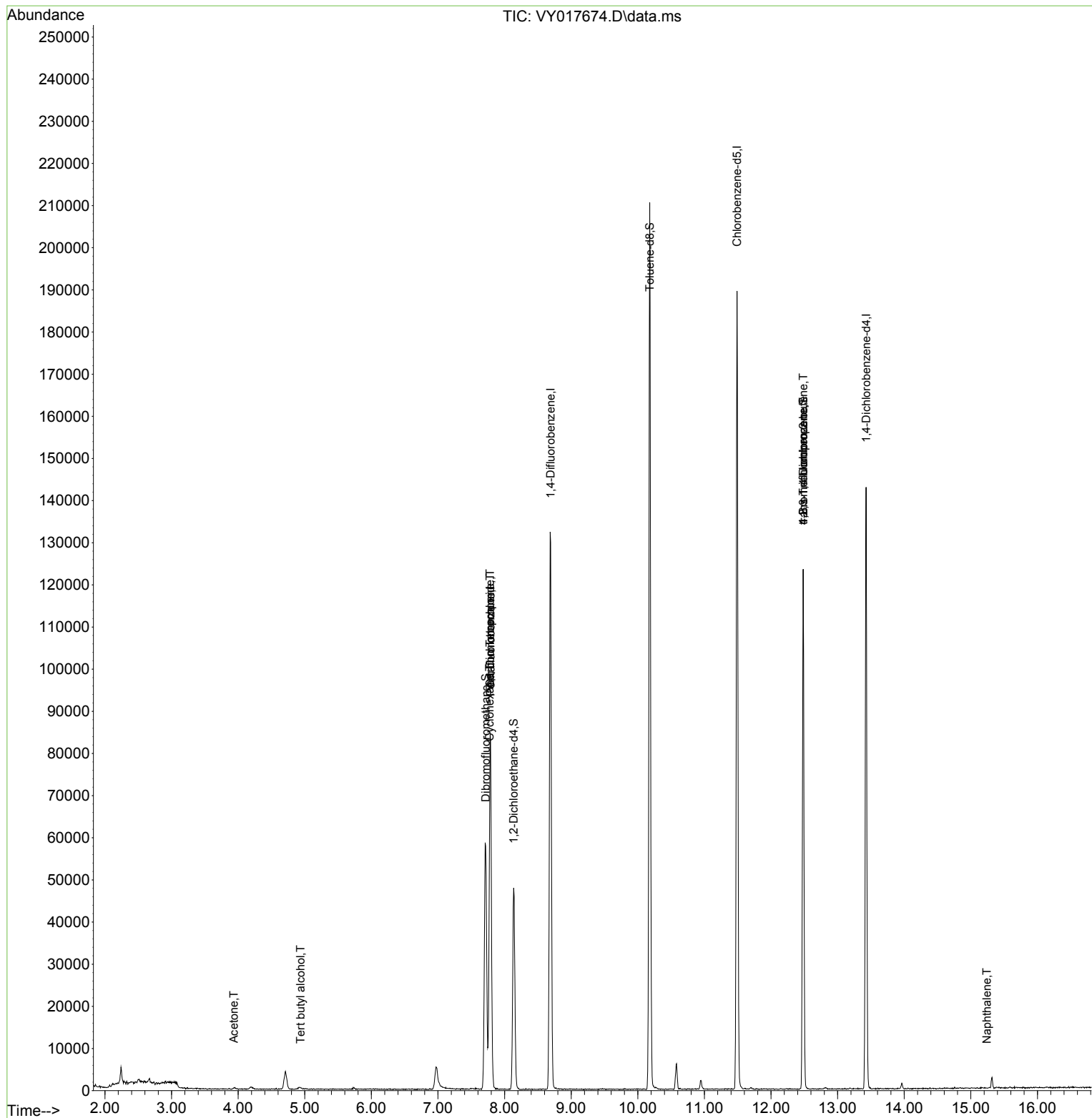
Internal Standards						
1) Pentafluorobenzene	7.789	168	71737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	124878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	112690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36467	53.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.280%	
35) Dibromofluoromethane	7.716	113	44288	50.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.780%	
50) Toluene-d8	10.179	98	143294	47.097	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.200%	
62) 4-Bromofluorobenzene	12.483	95	36433	38.103	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 76.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	694	12.017	ug/l #	88
16) Acetone	3.936	43	577	4.376	ug/l #	36
20) Methylene Chloride	4.710	84	3308	Below Cal	#	85
31) Cyclohexane	7.777	56	1206	1.090	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	4994	4.254	ug/l #	47
38) Carbon Tetrachloride	7.783	117	6361	5.406	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	17713	46.866	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17713	107.687	ug/l #	16
95) Naphthalene	15.239	128	28	3.935	ug/l #	69

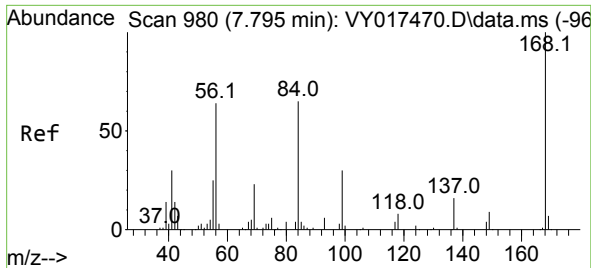
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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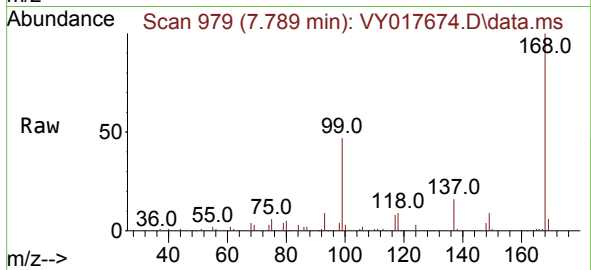
Quant Time: Mar 16 00:17:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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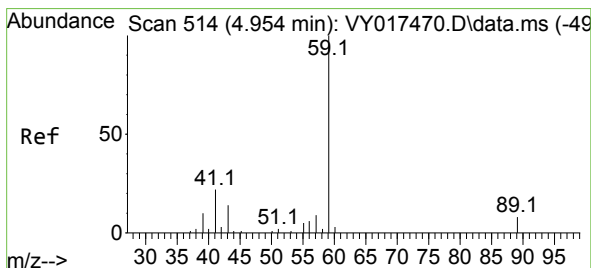
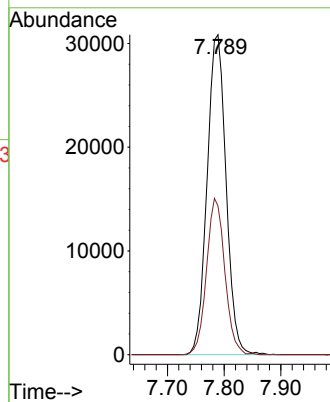
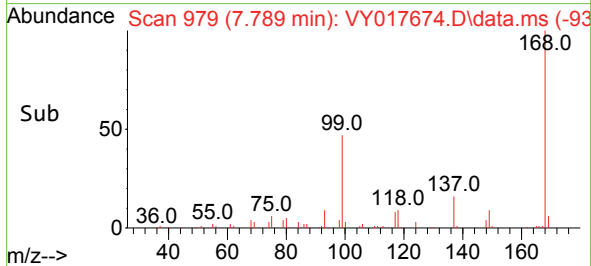


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

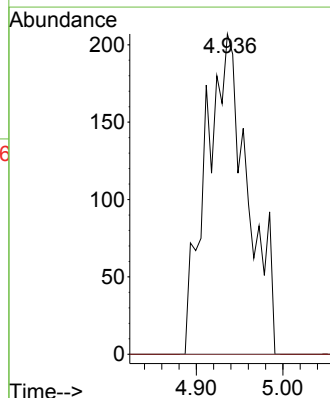
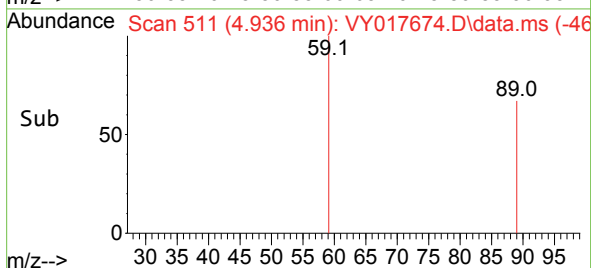
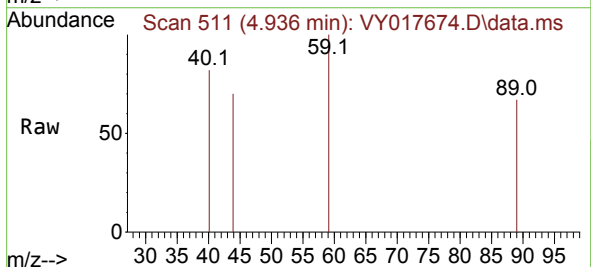


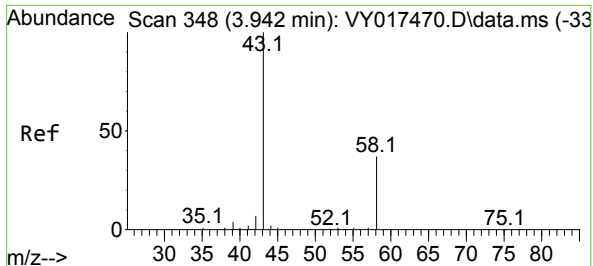
Tgt Ion:168 Resp: 71737
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 12.017 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Tgt Ion: 59 Resp: 694
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 4.376 ug/l

RT: 3.936 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

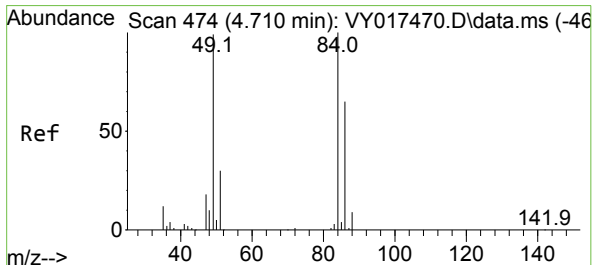
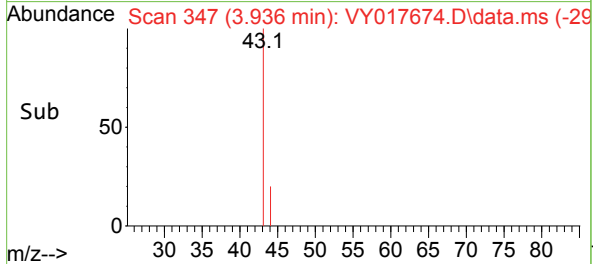
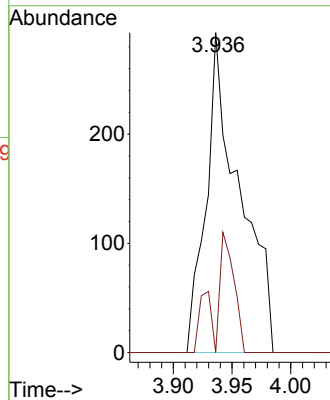
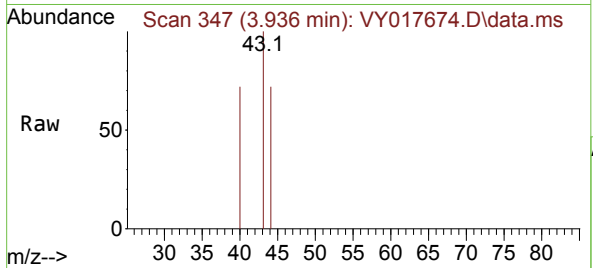
SB-06-0-2.0

Tgt Ion: 43 Resp: 577

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

Tgt Ion: 84 Resp: 3308

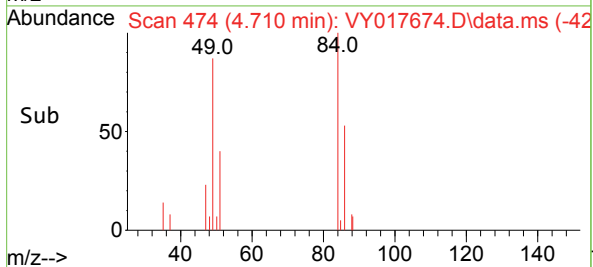
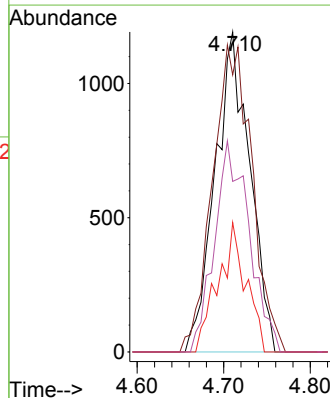
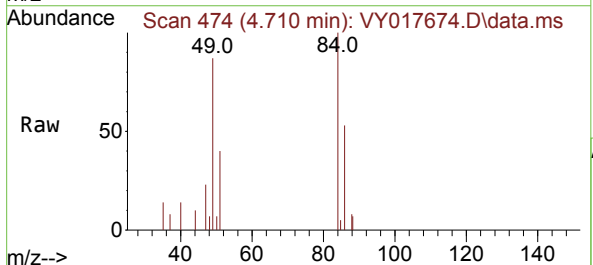
Ion Ratio Lower Upper

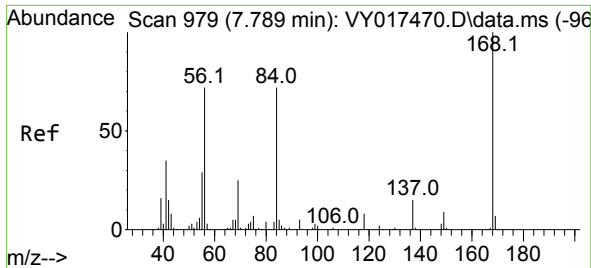
84 100

49 86.6 84.4 126.6

51 40.4 26.0 39.0#

86 53.3 49.5 74.3

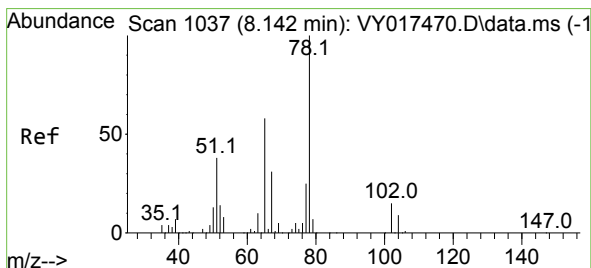
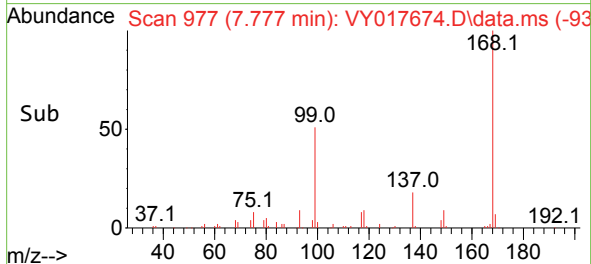
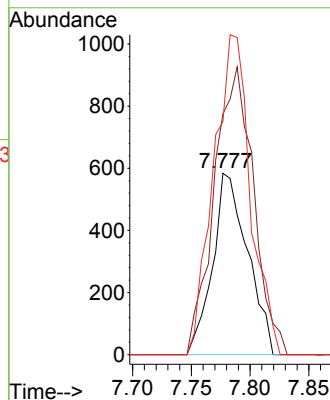
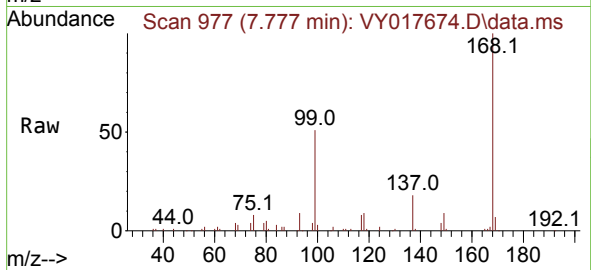




#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

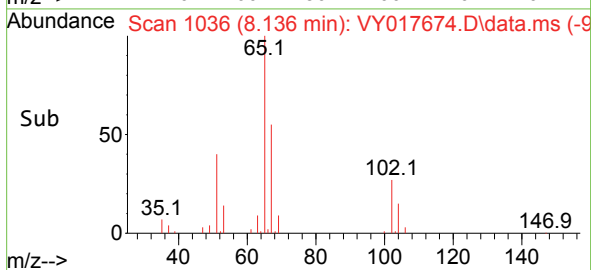
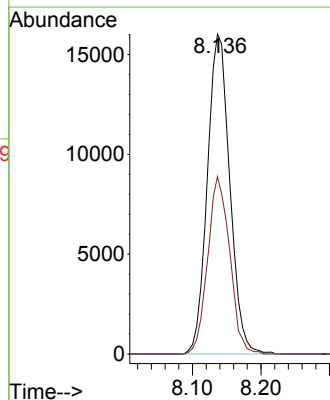
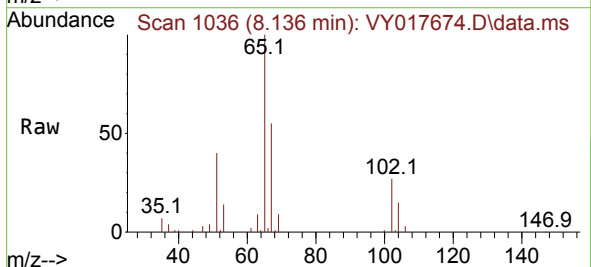
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

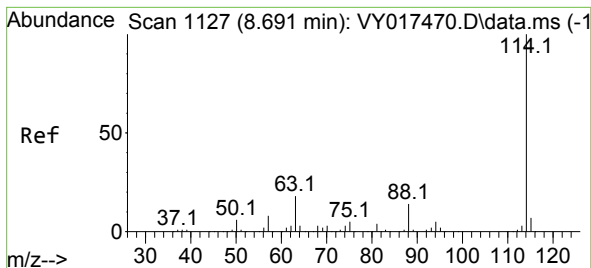
Tgt Ion: 56 Resp: 1206
Ion Ratio Lower Upper
56 100
69 132.7 28.7 43.1#
84 128.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.638 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Tgt Ion: 65 Resp: 36467
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-0-2.0

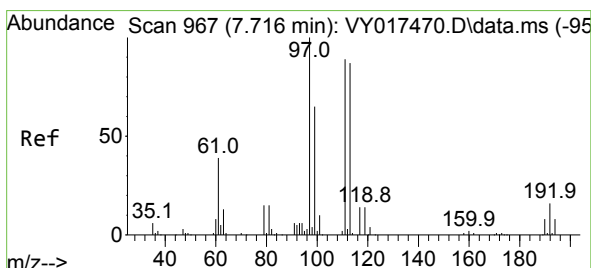
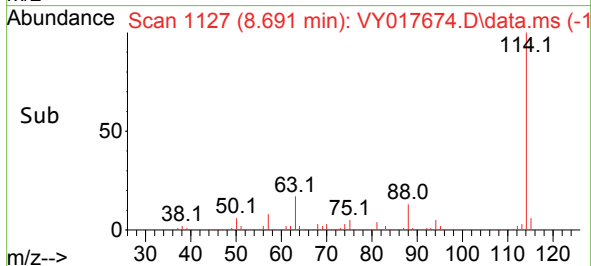
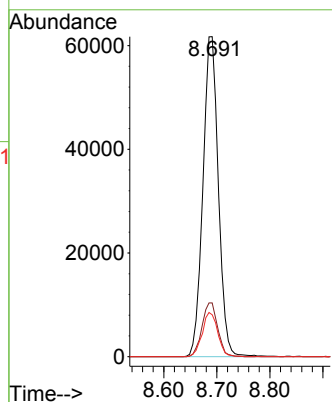
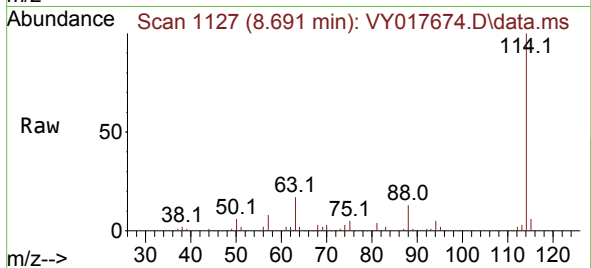
Tgt Ion:114 Resp: 124878

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.895 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

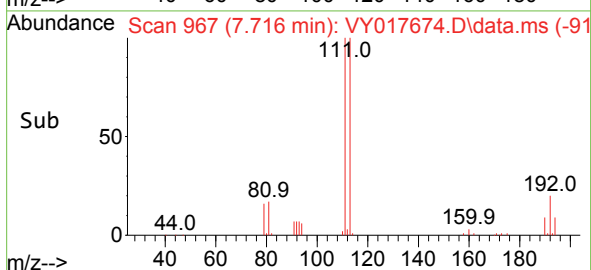
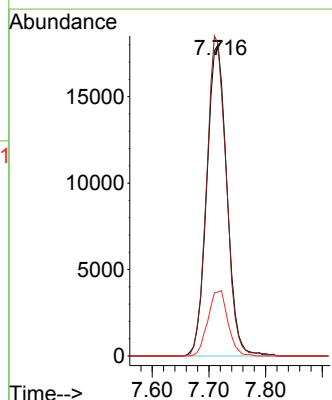
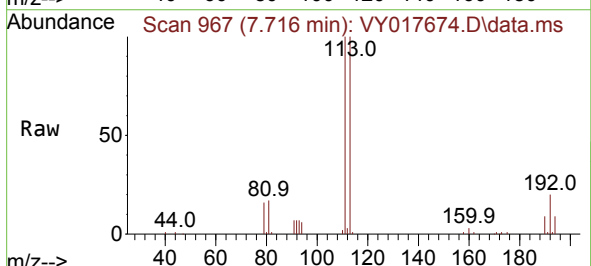
Tgt Ion:113 Resp: 44288

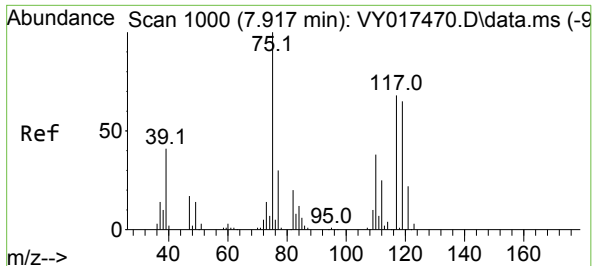
Ion Ratio Lower Upper

113 100

111 100.8 82.2 123.4

192 20.9 15.9 23.9

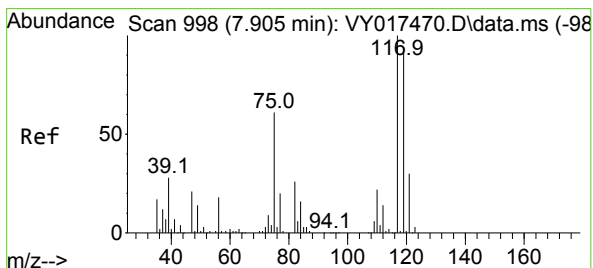
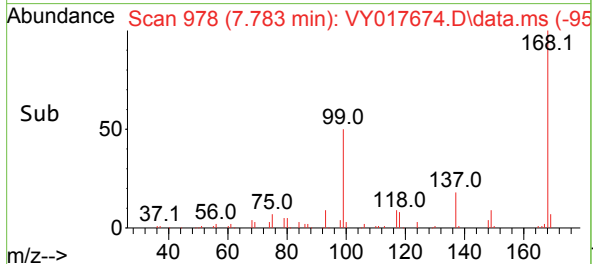
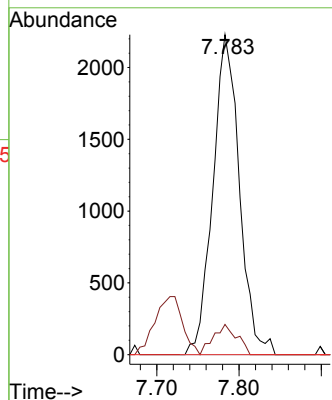
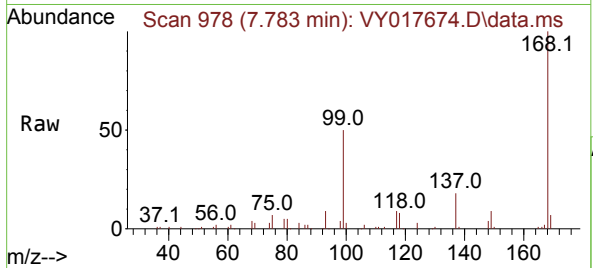




#36
1,1-Dichloropropene
Concen: 4.254 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

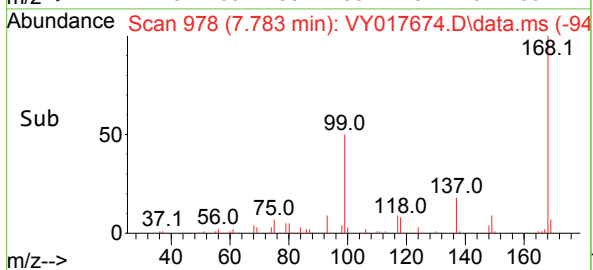
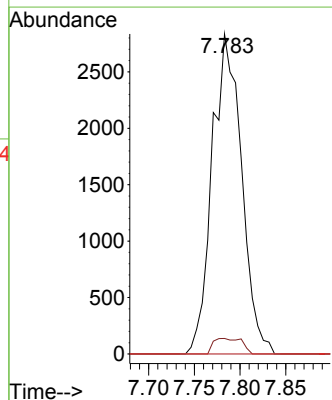
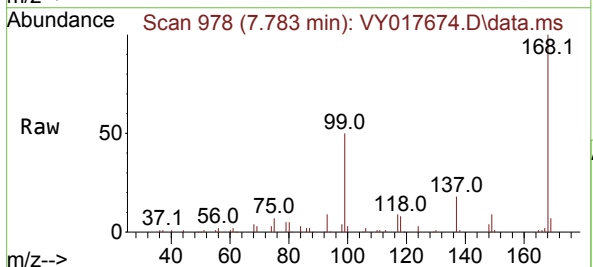
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0

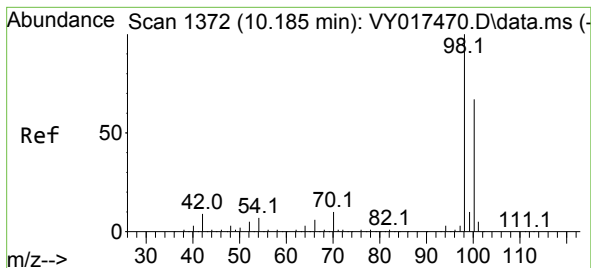
Tgt Ion: 75 Resp: 4994
Ion Ratio Lower Upper
75 100
110 8.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.406 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Tgt Ion: 117 Resp: 6361
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.097 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

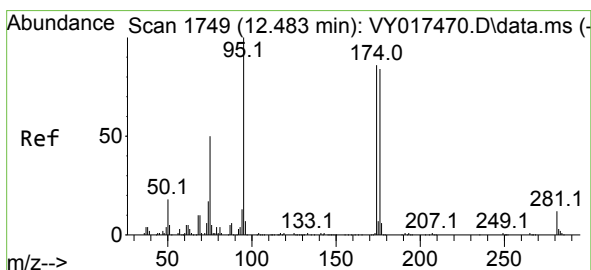
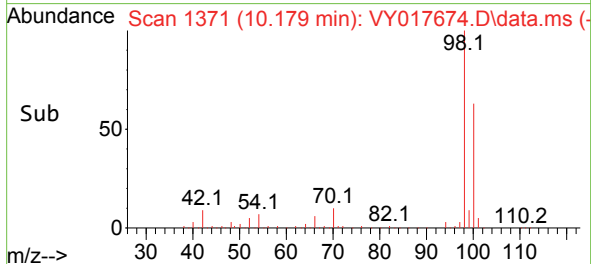
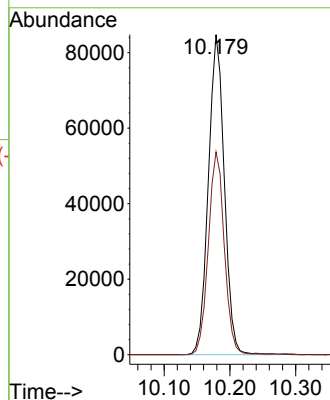
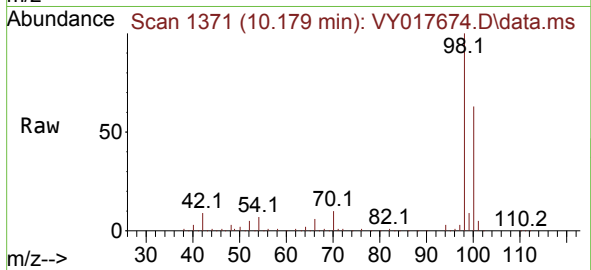
SB-06-0-2.0

Tgt Ion: 98 Resp: 143294

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.103 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

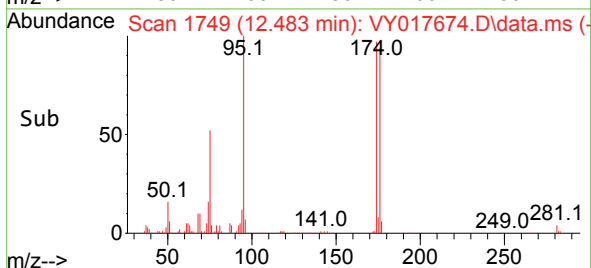
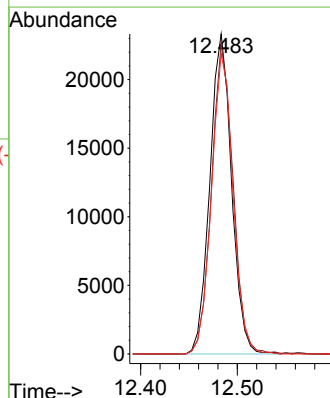
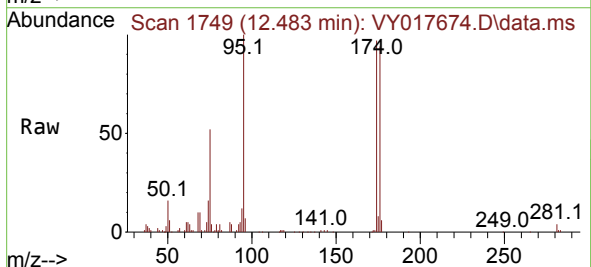
Tgt Ion: 95 Resp: 36433

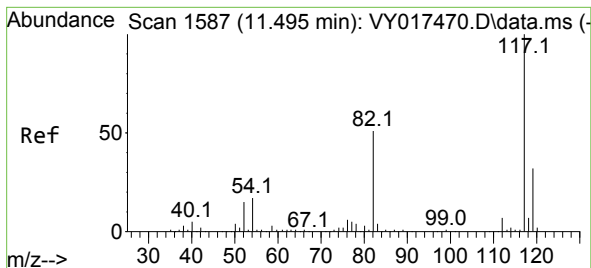
Ion Ratio Lower Upper

95 100

174 95.9 0.0 175.6

176 92.9 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: VY017674.D

Acq: 15 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-0-2.0

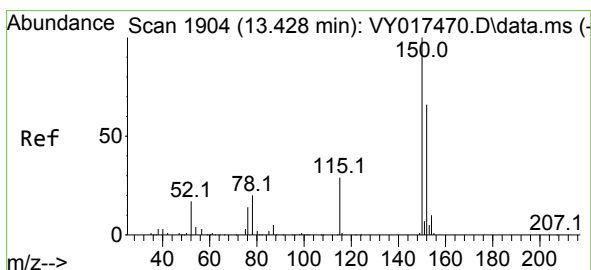
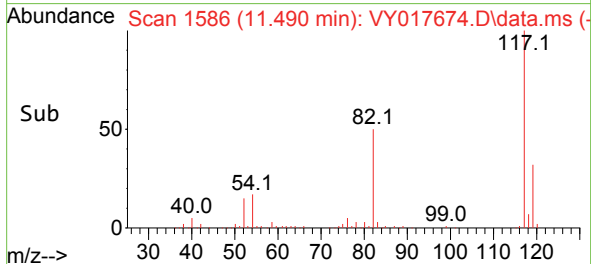
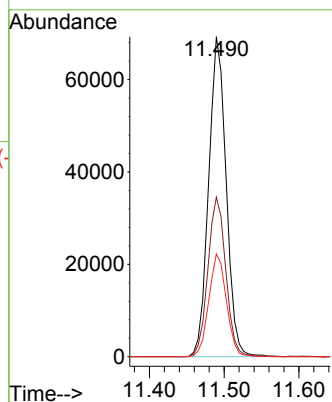
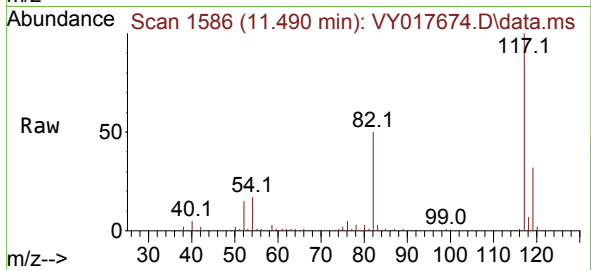
Tgt Ion:117 Resp: 112690

Ion Ratio Lower Upper

117 100

82 49.8 42.4 63.6

119 32.1 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: VY017674.D

Acq: 15 Mar 2024 15:47

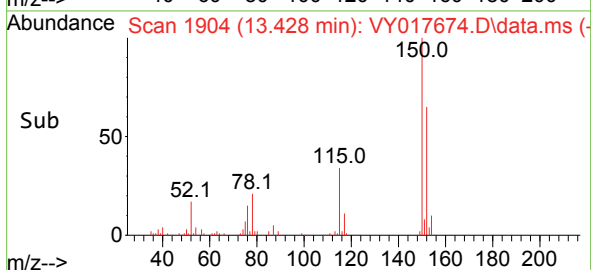
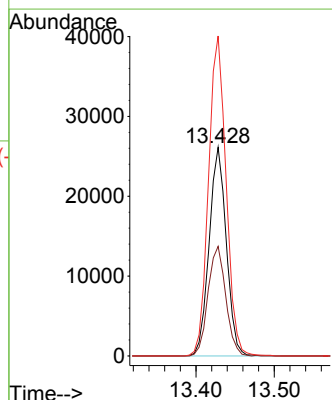
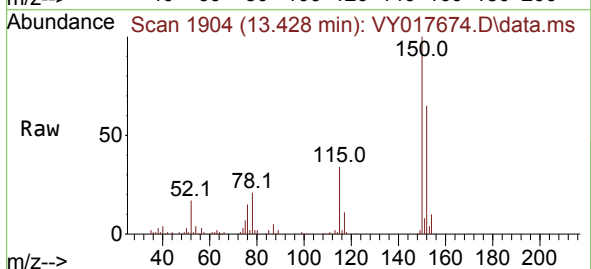
Tgt Ion:152 Resp: 39778

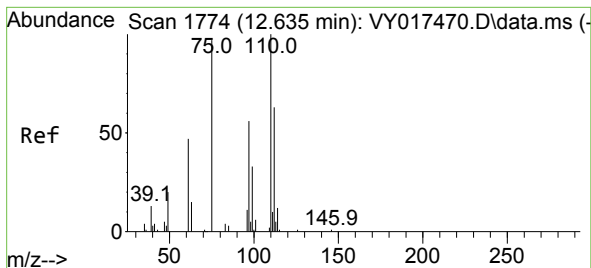
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 156.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 46.866 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

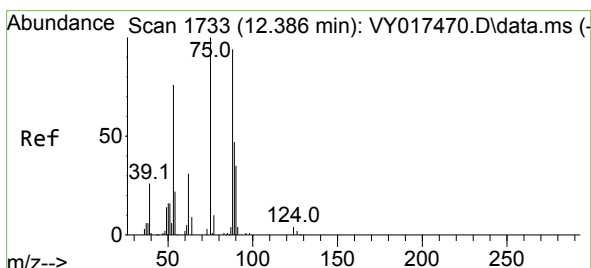
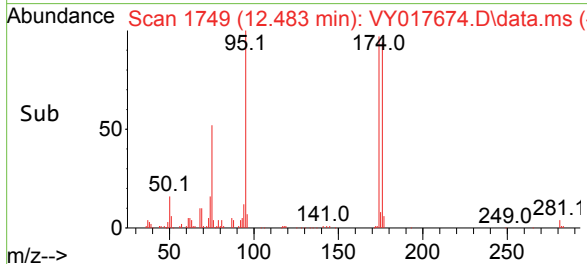
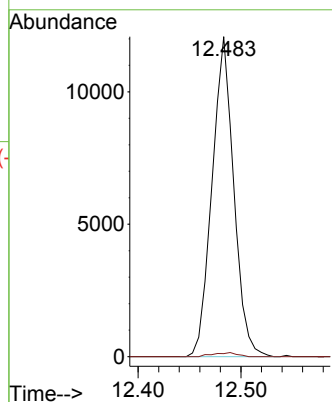
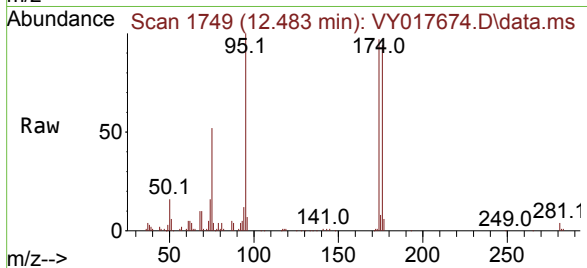
SB-06-0-2.0

Tgt Ion: 75 Resp: 17713

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.687 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017674.D

Acq: 15 Mar 2024 15:47

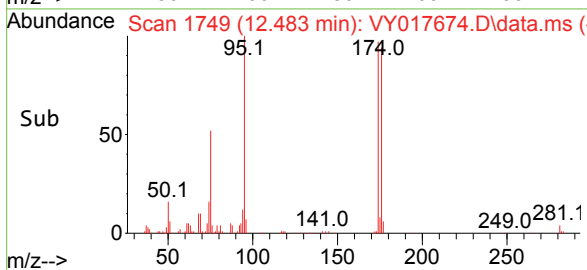
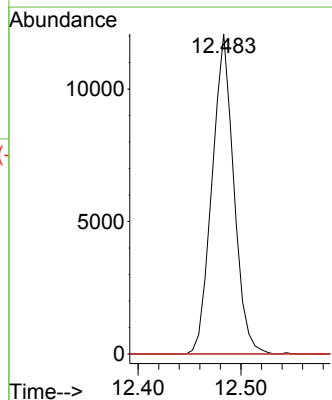
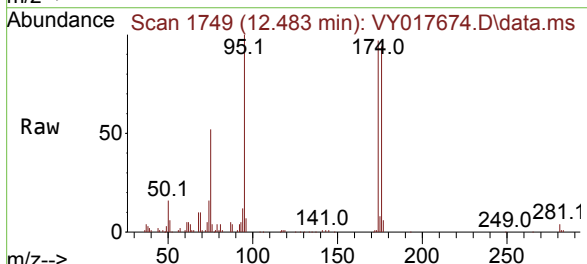
Tgt Ion: 75 Resp: 17713

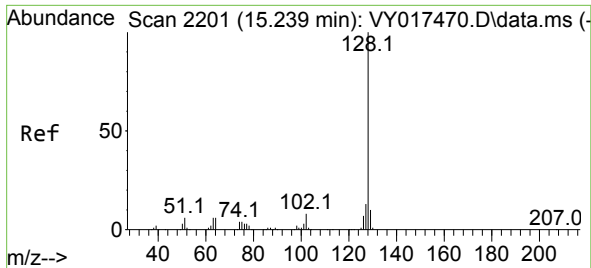
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

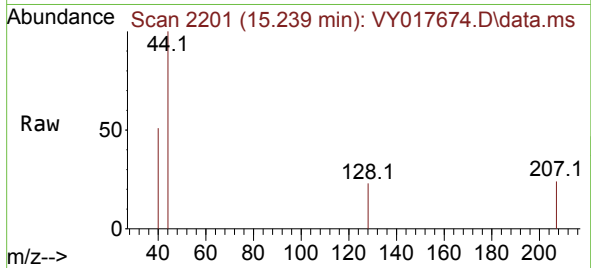
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 3.935 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017674.D
Acq: 15 Mar 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-06-0-2.0



Tgt Ion:128 Resp: 28
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

