

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017720.D
 Acq On : 20 Mar 2024 09:38
 Operator : SY/MD
 Sample : VY0320SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 21 03:11:31 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)

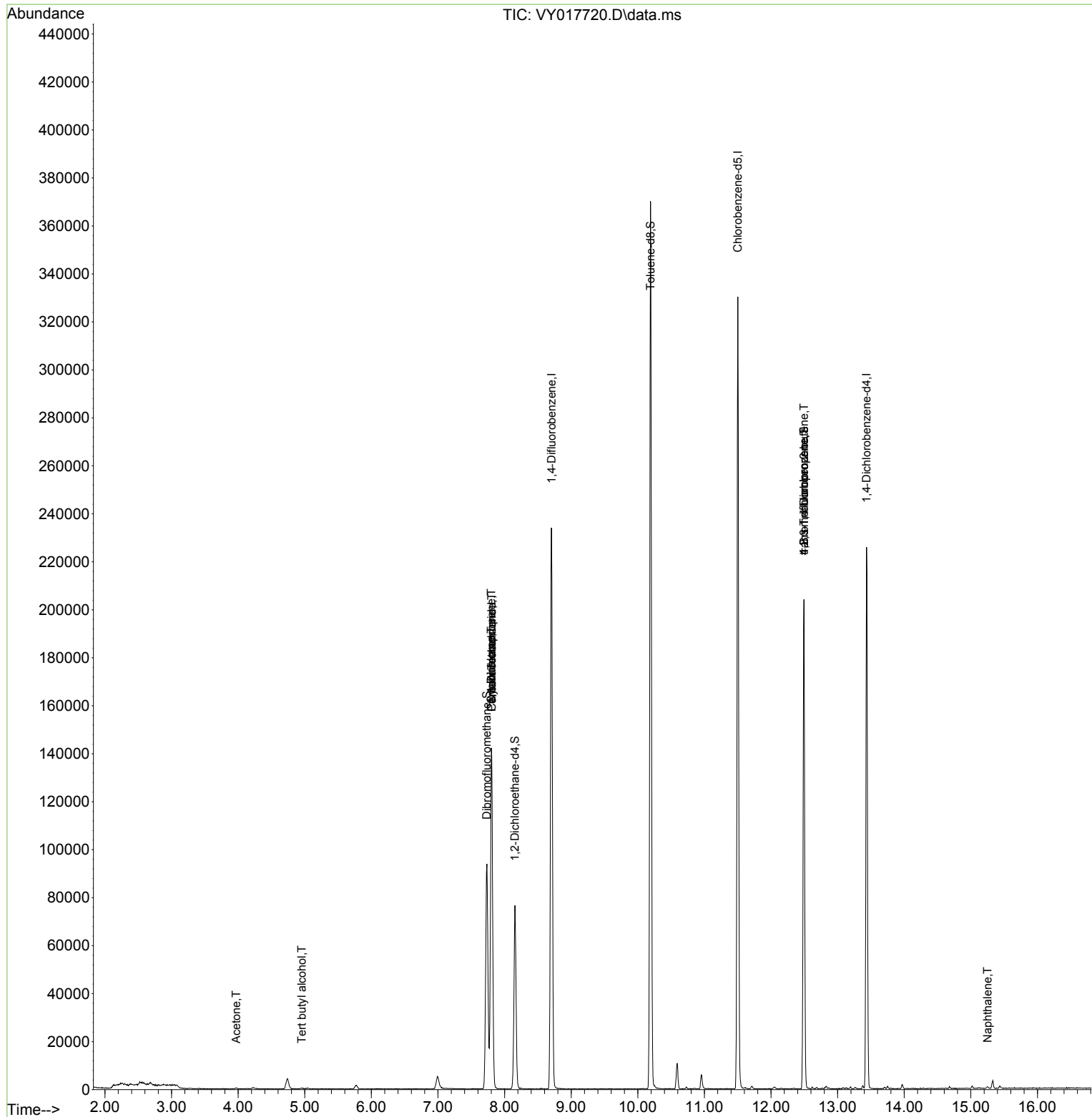
Internal Standards						
1) Pentafluorobenzene	7.807	168	114118	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	214162	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.501	117	184748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	60220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	55551	51.363	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.734	113	68217	45.711	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.420%	
50) Toluene-d8	10.191	98	247305	47.396	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.495	95	59980	36.577	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 73.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	309	3.363	ug/l #	88
16) Acetone	3.972	43	419	1.997	ug/l #	48
20) Methylene Chloride	4.740	84	3162	Below Cal	#	90
31) Cyclohexane	7.801	56	2101	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8566	4.254	ug/l #	48
38) Carbon Tetrachloride	7.807	117	10794	5.349	ug/l #	17
76) 1,2,3-Trichloropropane	12.495	75	30854	53.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	30854	123.904	ug/l #	16
95) Naphthalene	15.251	128	1068	4.437	ug/l #	74

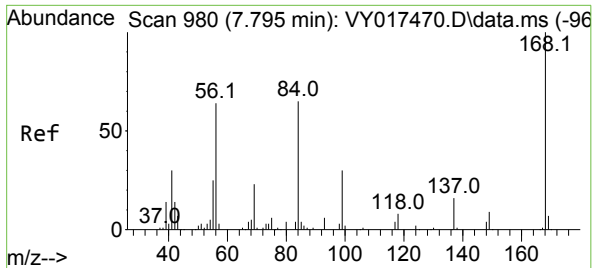
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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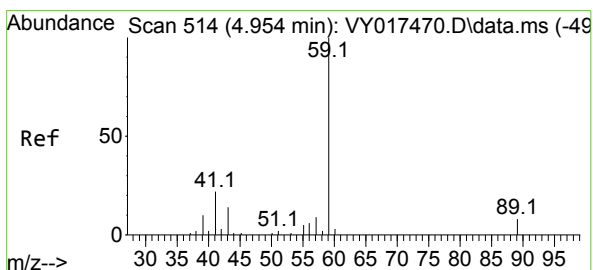
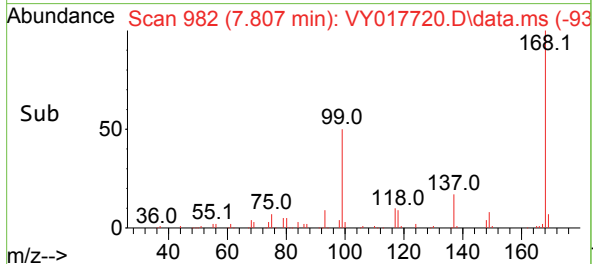
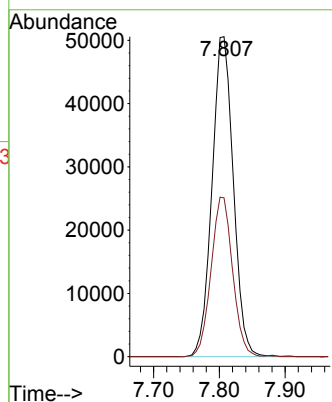
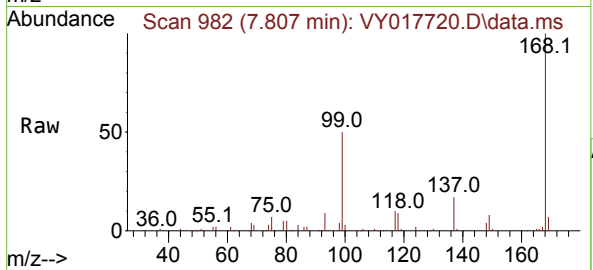




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

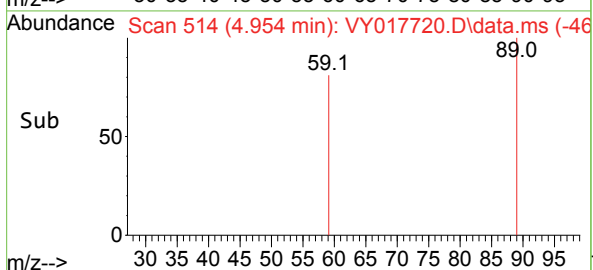
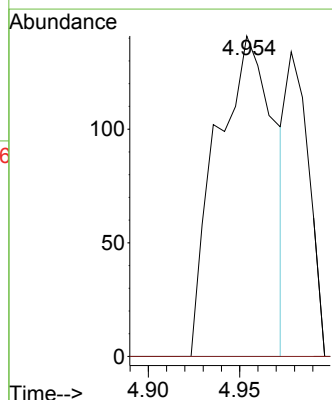
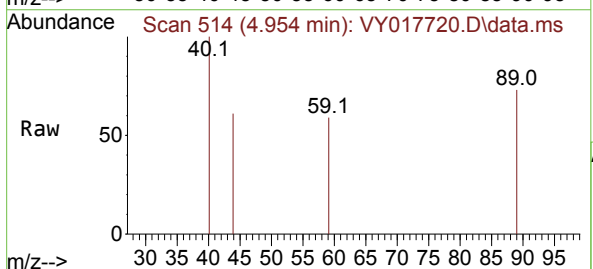
Instrument :
MSVOA_Y
ClientSampleId :

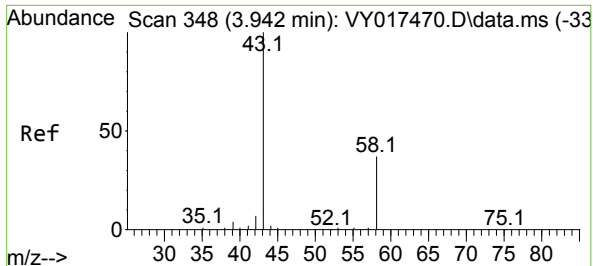
Tgt Ion:168 Resp: 114118
Ion Ratio Lower Upper
168 100
99 49.7 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.363 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.997 ug/l

RT: 3.972 min Scan# 31

Delta R.T. 0.030 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

Instrument :

MSVOA_Y

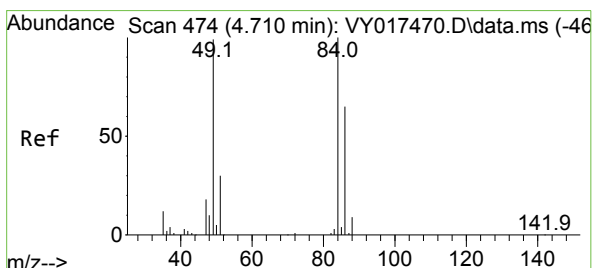
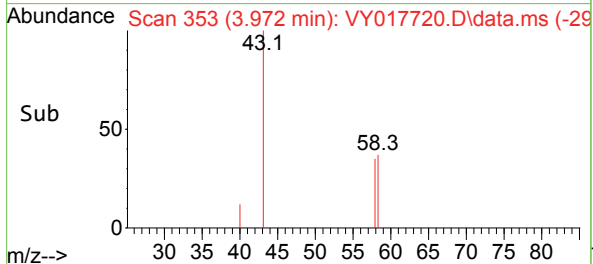
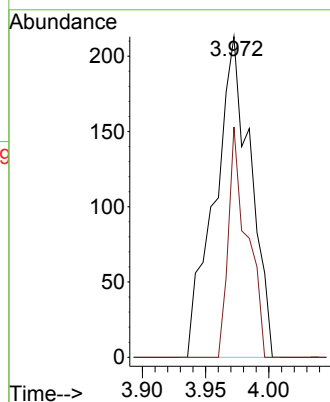
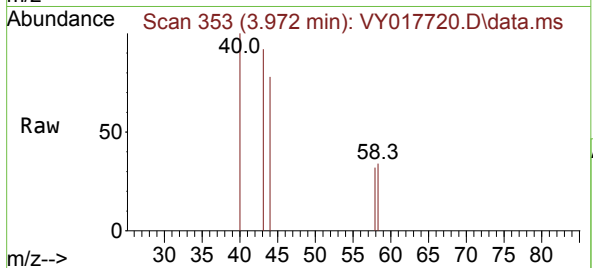
ClientSampleId :

Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

58 71.8 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.740 min Scan# 479

Delta R.T. 0.030 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

Tgt Ion: 84 Resp: 3162

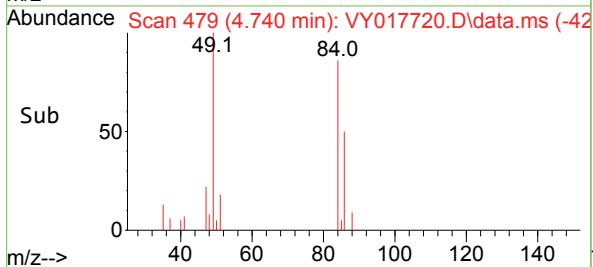
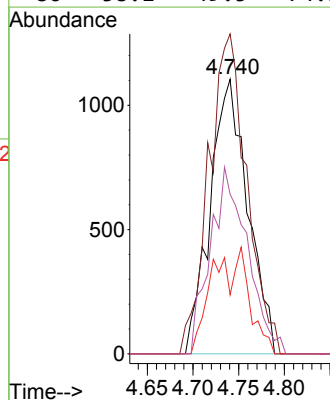
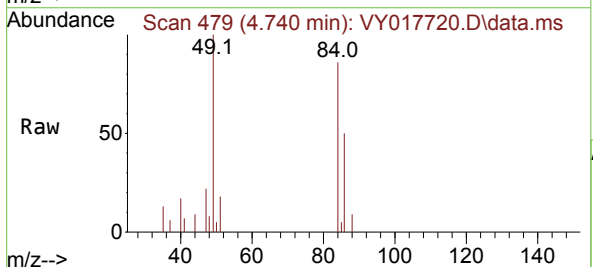
Ion Ratio Lower Upper

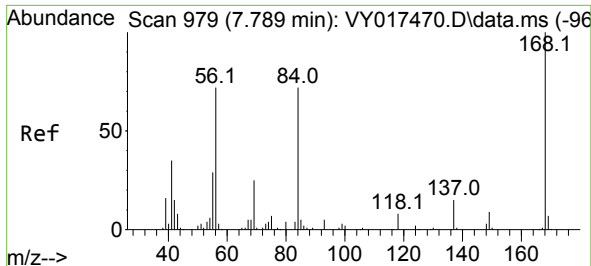
84 100

49 116.5 84.4 126.6

51 21.5 26.0 39.0#

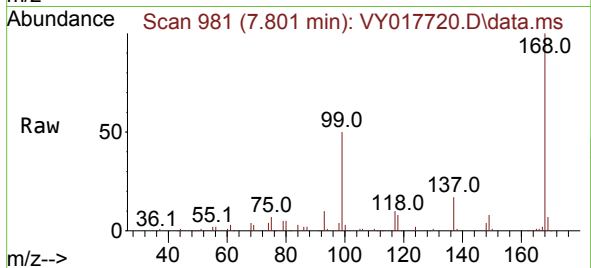
86 58.1 49.5 74.3



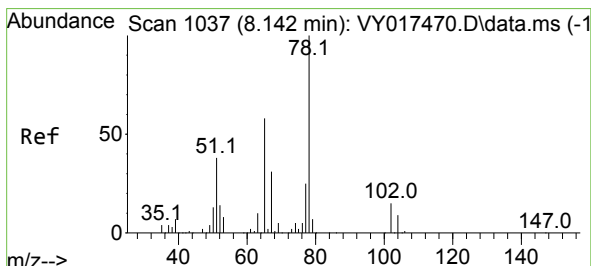
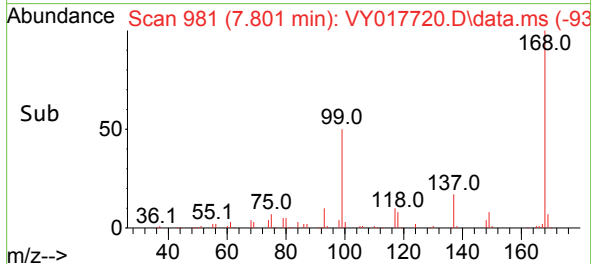
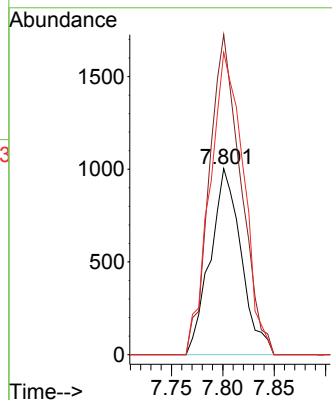


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :

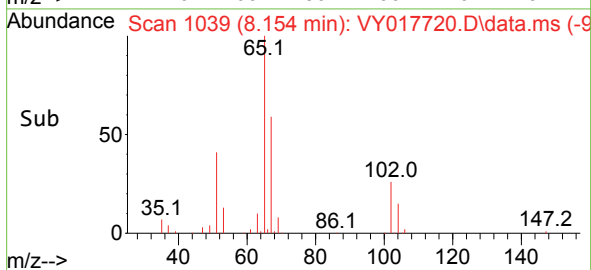
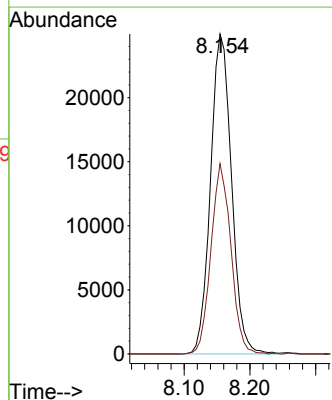
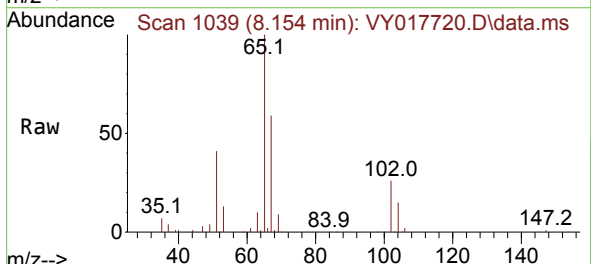


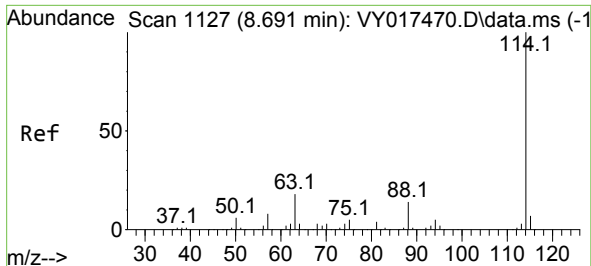
Tgt Ion: 56 Resp: 2101
Ion Ratio Lower Upper
56 100
69 171.9 28.7 43.1#
84 162.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.363 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

Tgt Ion: 65 Resp: 55551
Ion Ratio Lower Upper
65 100
67 56.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

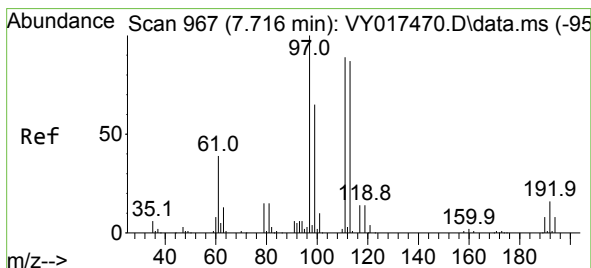
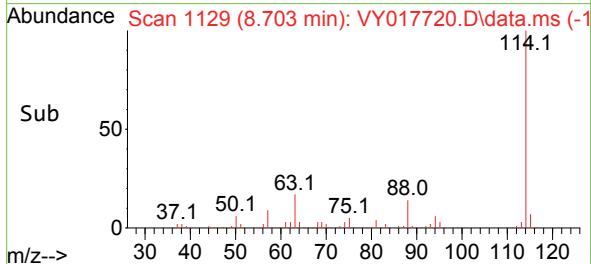
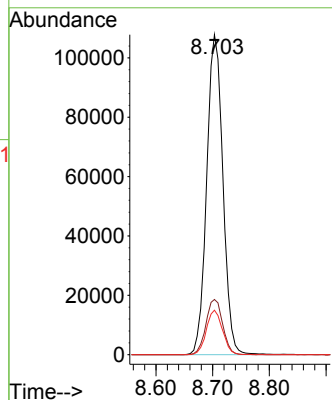
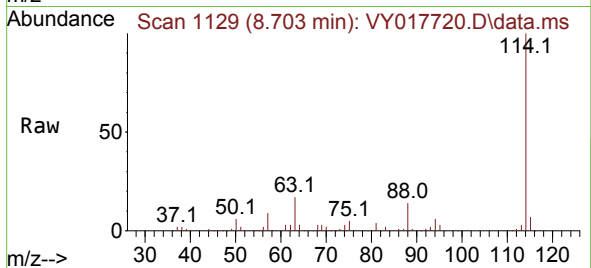
Tgt Ion:114 Resp: 214162

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.711 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

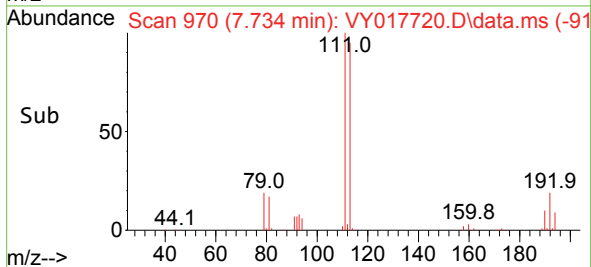
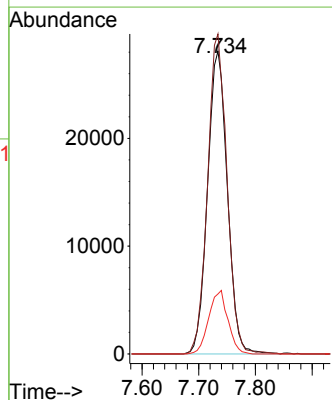
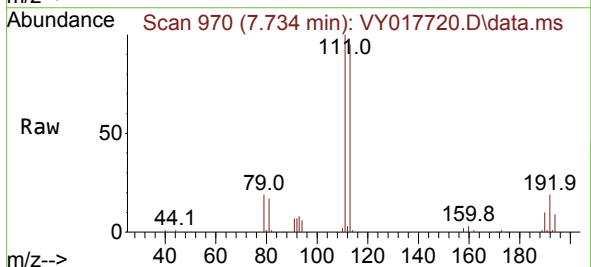
Tgt Ion:113 Resp: 68217

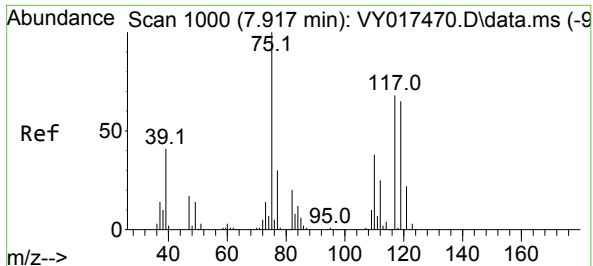
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 20.3 15.9 23.9

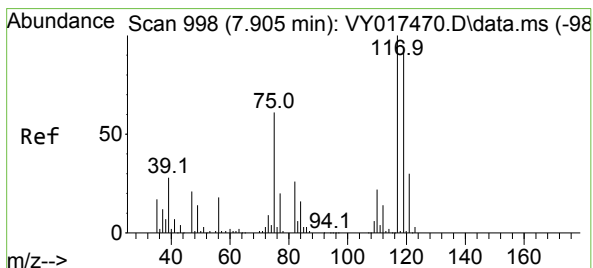
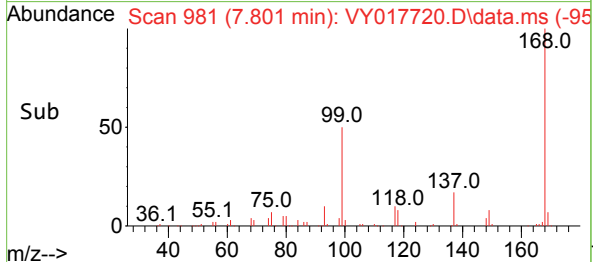
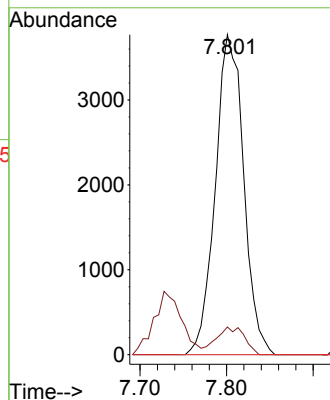
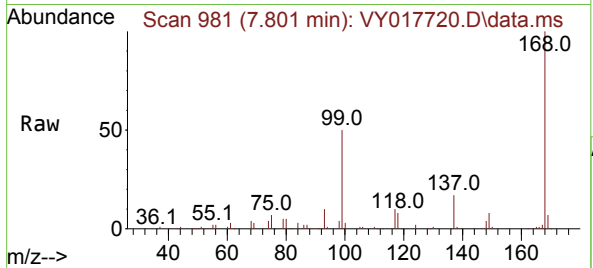




#36
1,1-Dichloropropene
Concen: 4.254 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

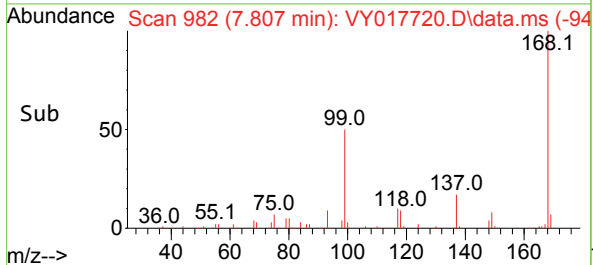
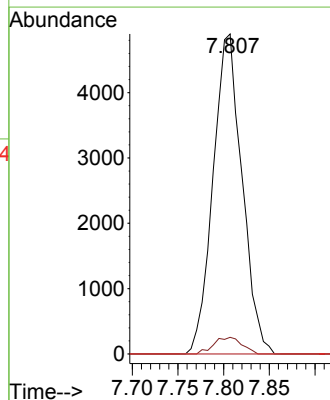
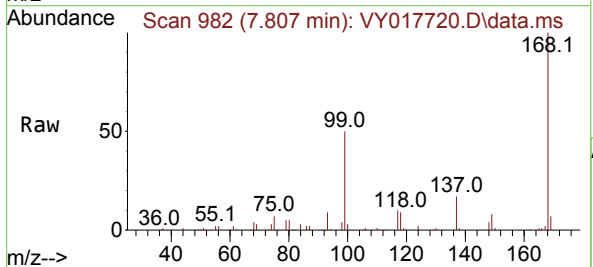
Instrument :
MSVOA_Y
ClientSampleId :

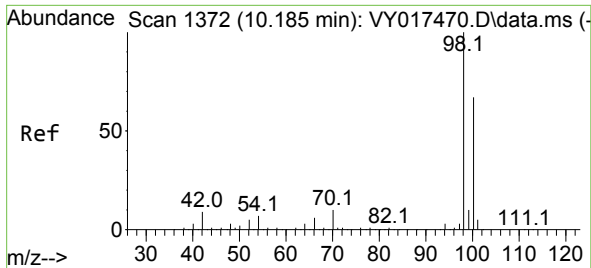
Tgt Ion: 75 Resp: 8566
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.349 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.098 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

Tgt Ion: 117 Resp: 10794
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#

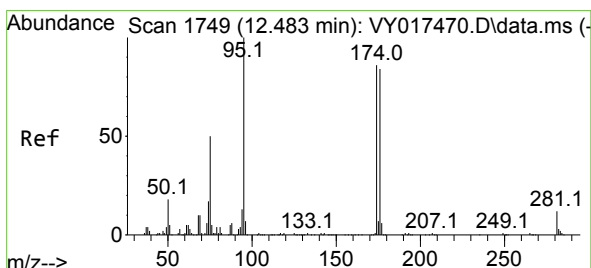
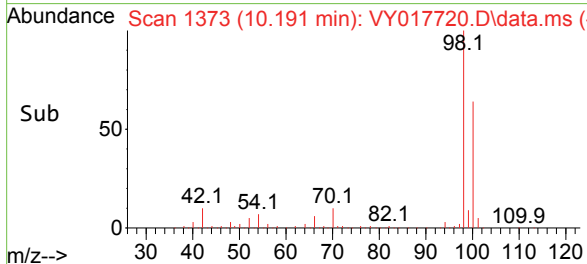
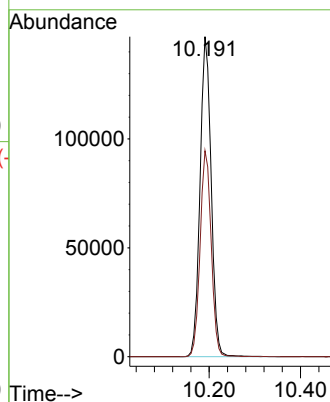
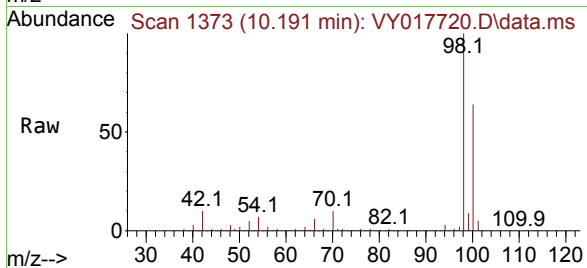




#50
Toluene-d8
Concen: 47.396 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

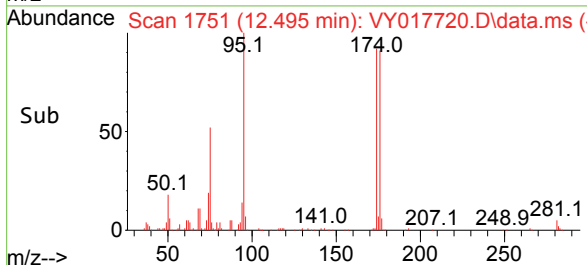
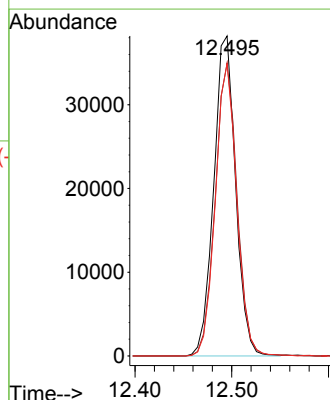
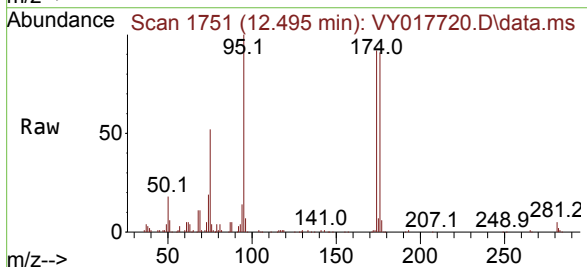
Instrument :
MSVOA_Y
ClientSampleId :

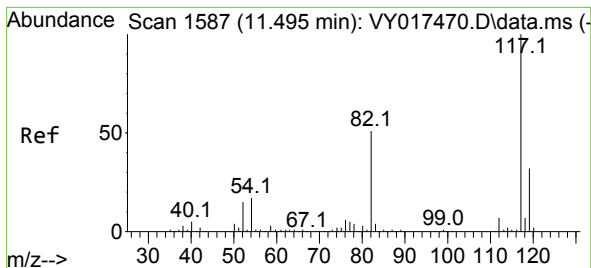
Tgt Ion: 98 Resp: 247305
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.577 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

Tgt Ion: 95 Resp: 59980
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 89.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

Instrument :

MSVOA_Y

ClientSampleId :

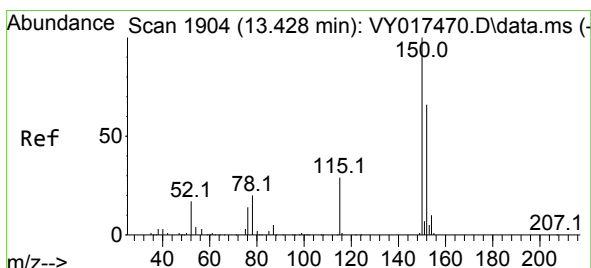
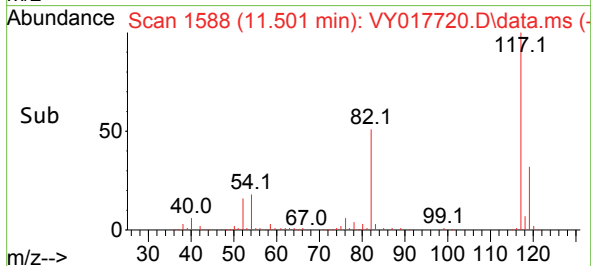
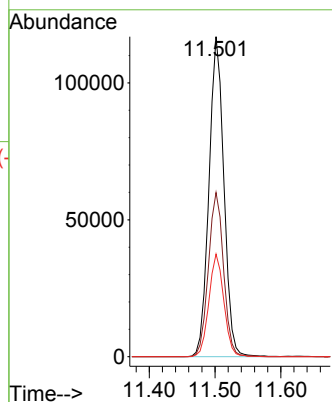
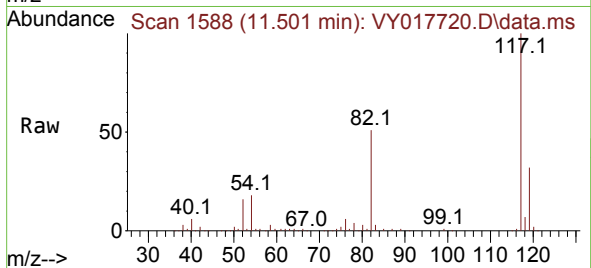
Tgt Ion:117 Resp: 184748

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

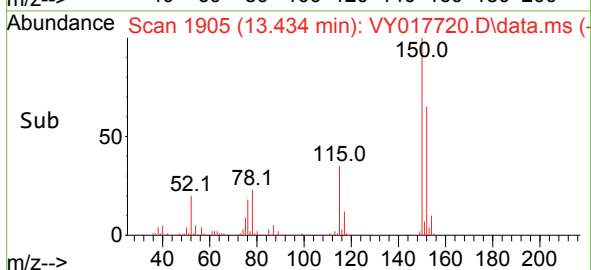
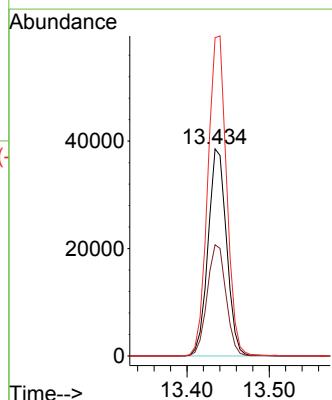
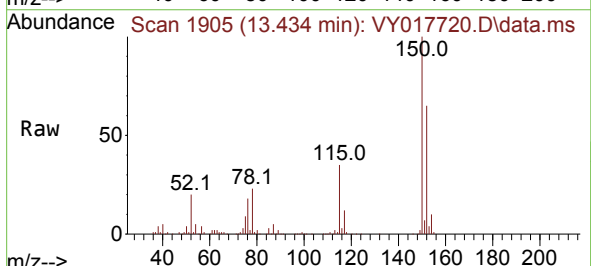
Tgt Ion:152 Resp: 60220

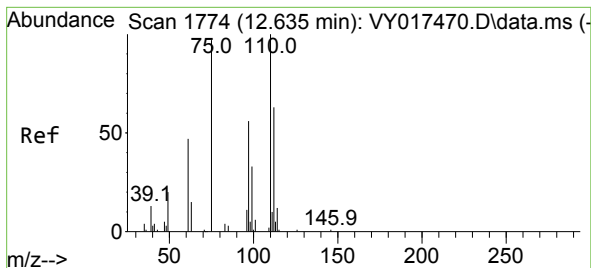
Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 156.9 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 53.924 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.140 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

Instrument :

MSVOA_Y

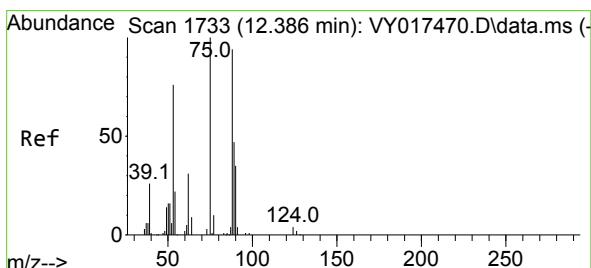
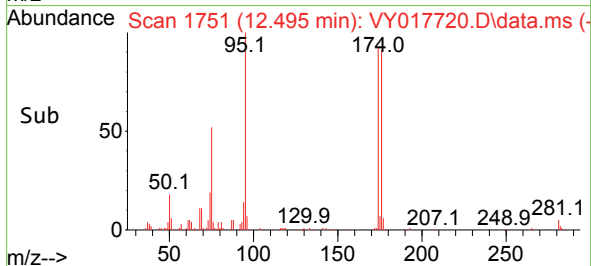
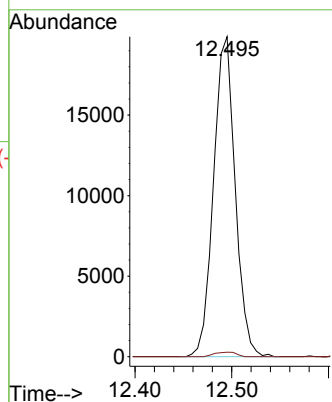
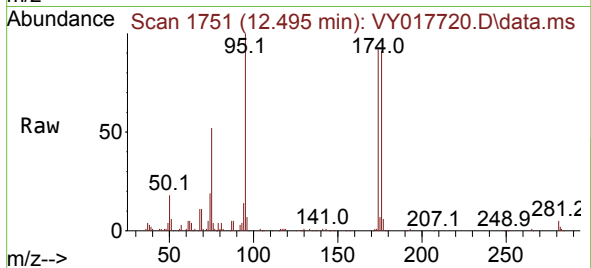
ClientSampleId :

Tgt Ion: 75 Resp: 30854

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.904 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.110 min

Lab File: VY017720.D

Acq: 20 Mar 2024 09:38

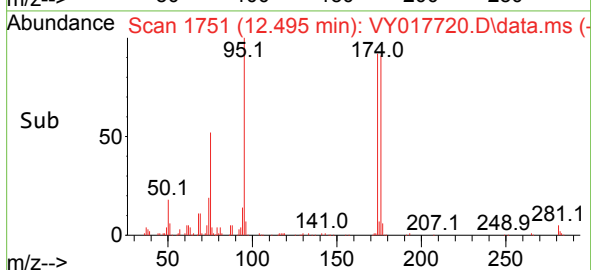
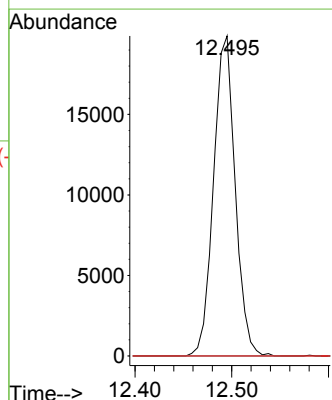
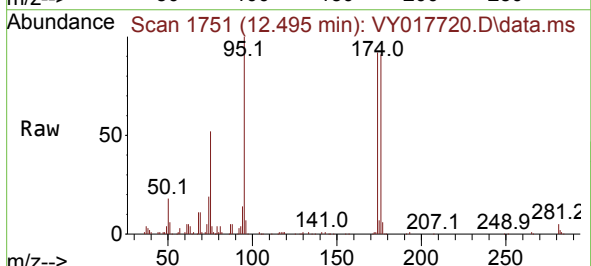
Tgt Ion: 75 Resp: 30854

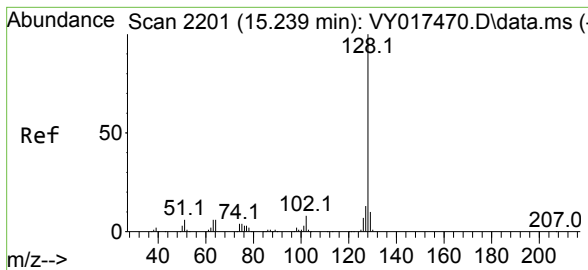
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

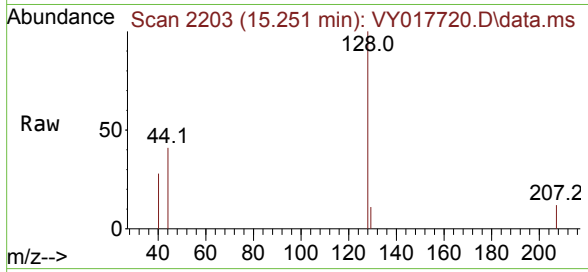
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.437 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: VY017720.D
Acq: 20 Mar 2024 09:38

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	1068
Ion	Ratio	Lower	Upper
128	100		
127	2.0	10.6	16.0#
129	2.4	8.6	13.0#

