

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017320.D
 Acq On : 08 Feb 2024 18:10
 Operator : SY/MD
 Sample : P1391-41
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 09 00:15:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

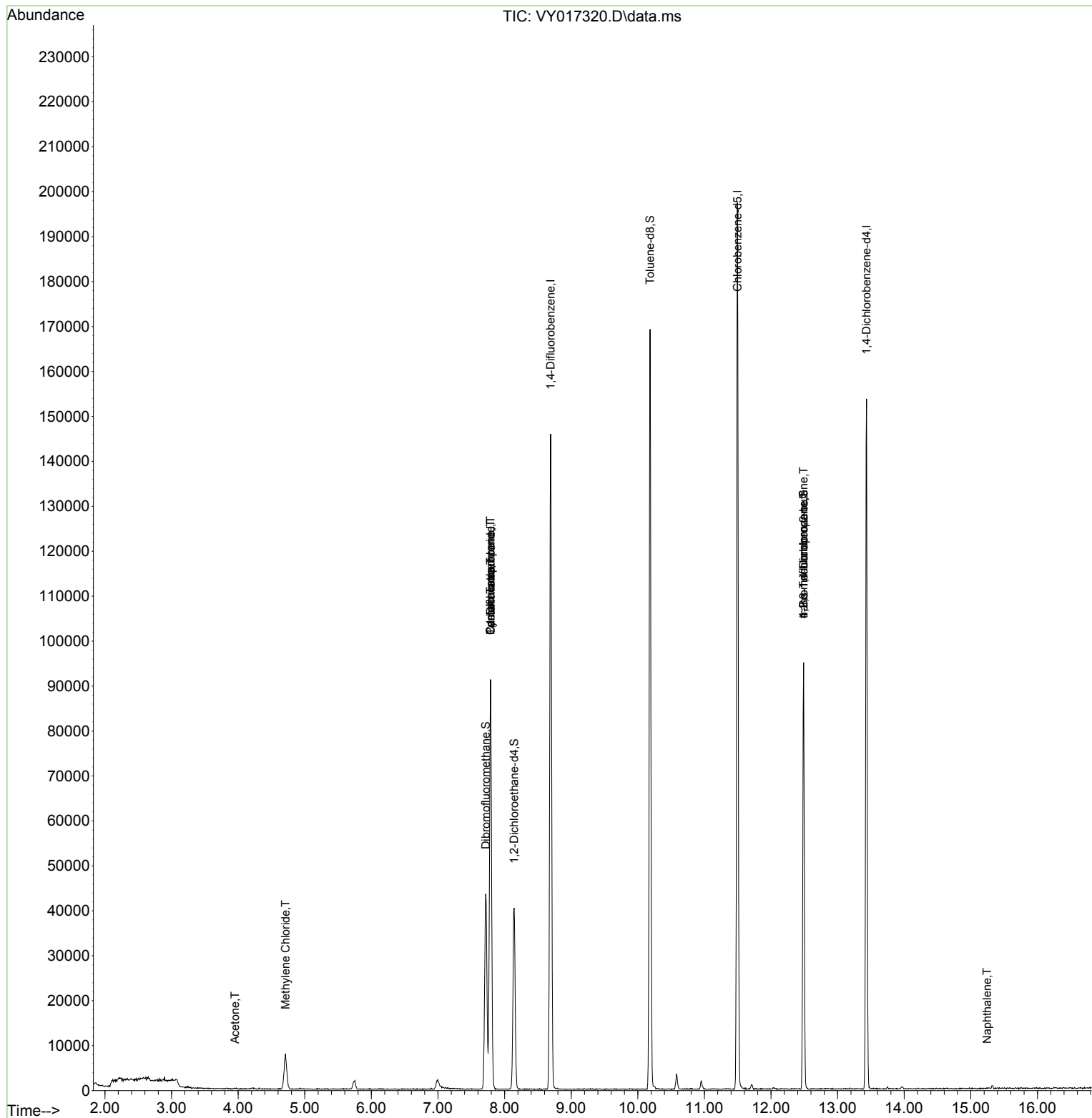
Internal Standards						
1) Pentafluorobenzene	7.789	168	66632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	122524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	105500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	37742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	31063	52.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.360%
35) Dibromofluoromethane	7.716	113	31609	47.780	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.560%
50) Toluene-d8	10.185	98	109806	45.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.180%
62) 4-Bromofluorobenzene	12.489	95	28589	36.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.460%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.960	59	22	Below Cal	#	75
16) Acetone	3.954	43	219	1.252	ug/l #	41
20) Methylene Chloride	4.710	84	5410	4.352	ug/l #	94
31) Cyclohexane	7.789	56	1604	1.337	ug/l #	20
36) 1,1-Dichloropropene	7.789	75	6093	5.339	ug/l #	49
38) Carbon Tetrachloride	7.789	117	6852	6.271	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	15791	45.330	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	15791	94.191	ug/l #	12
95) Naphthalene	15.245	128	202	3.611	ug/l #	69

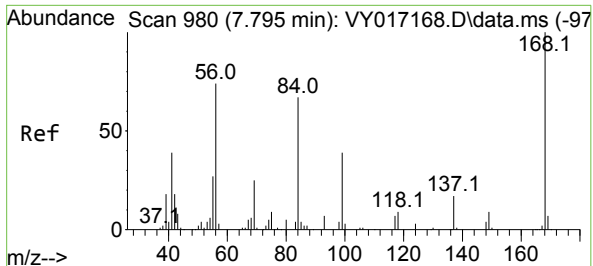
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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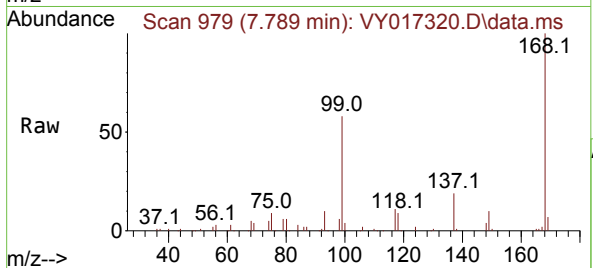
Quant Time: Feb 09 00:15:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
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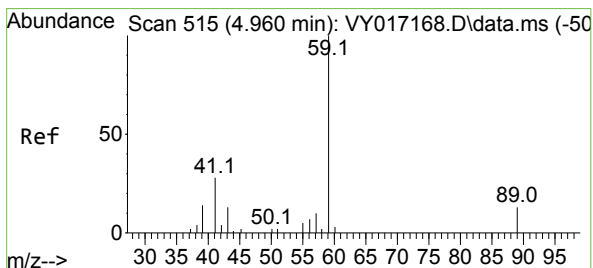
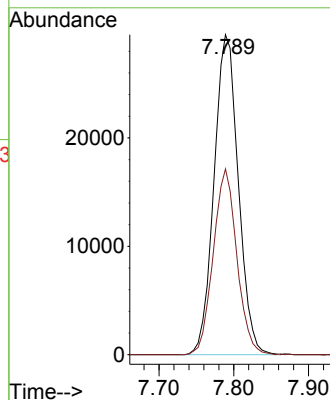
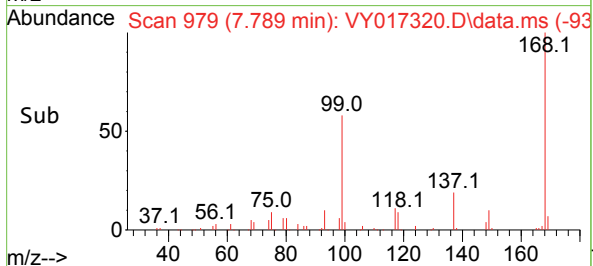


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

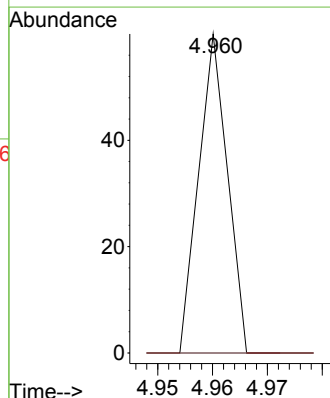
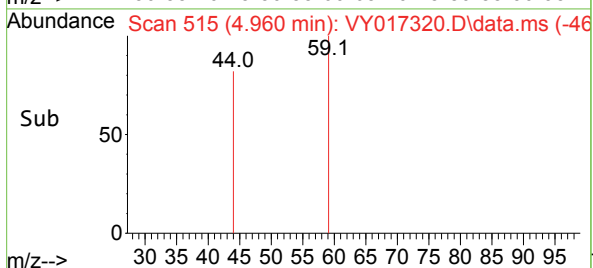
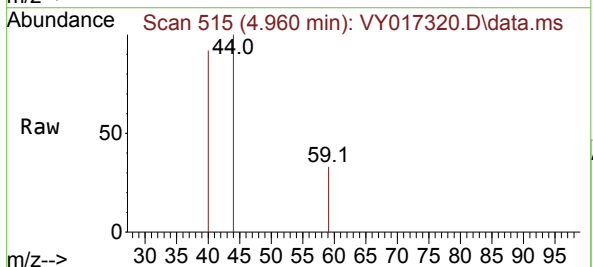


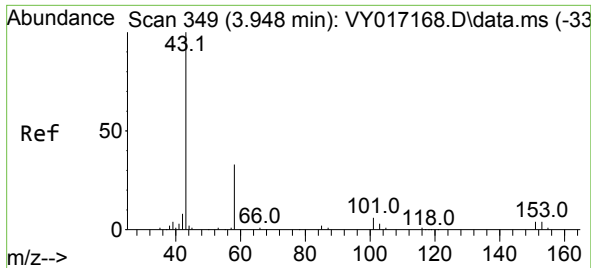
Tgt Ion:168 Resp: 66632
Ion Ratio Lower Upper
168 100
99 58.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 1.252 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_Y

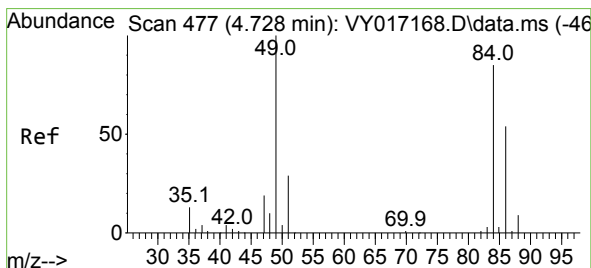
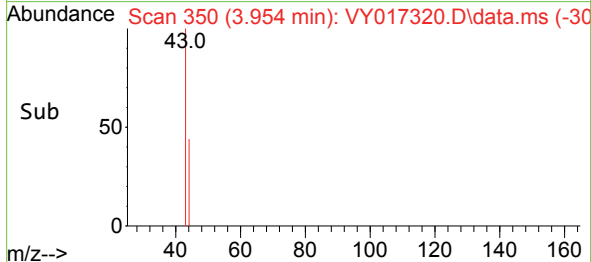
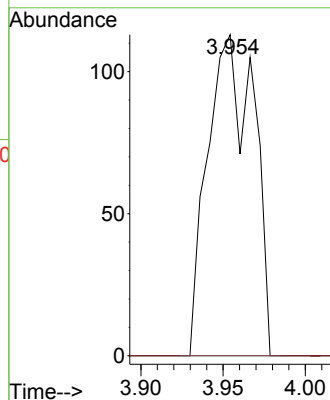
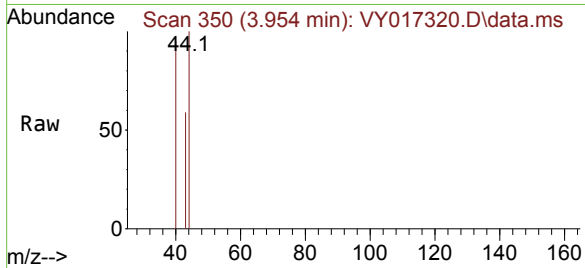
ClientSampleId :

Tgt Ion: 43 Resp: 219

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 4.352 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.018 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

Tgt Ion: 84 Resp: 5410

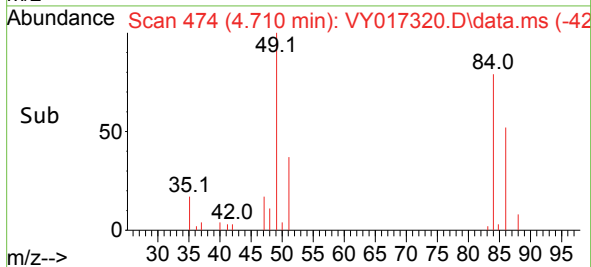
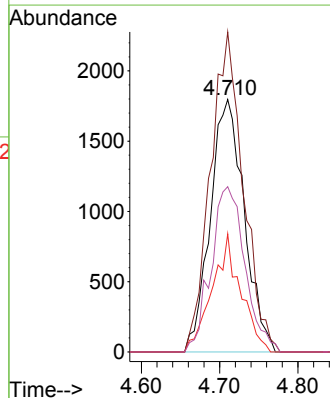
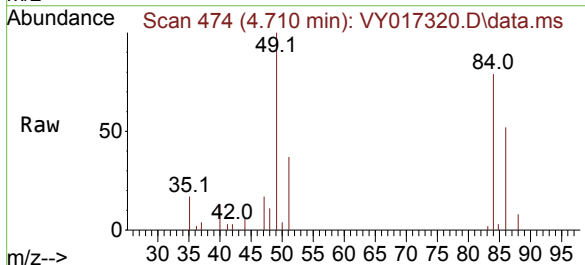
Ion Ratio Lower Upper

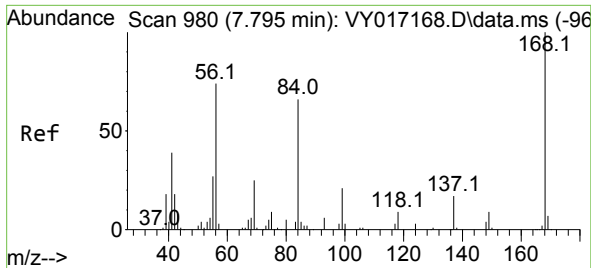
84 100

49 126.7 95.2 142.8

51 46.7 29.9 44.9#

86 65.4 52.2 78.4

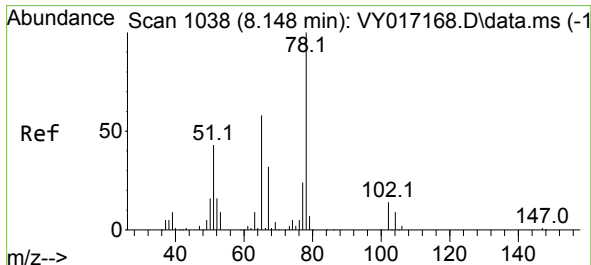
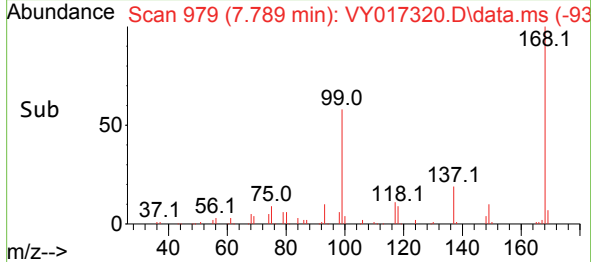
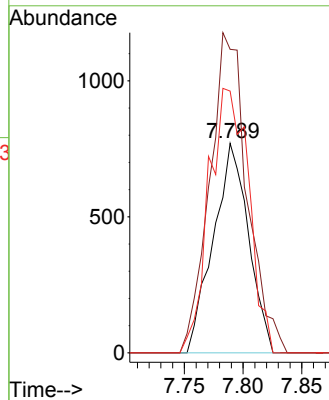
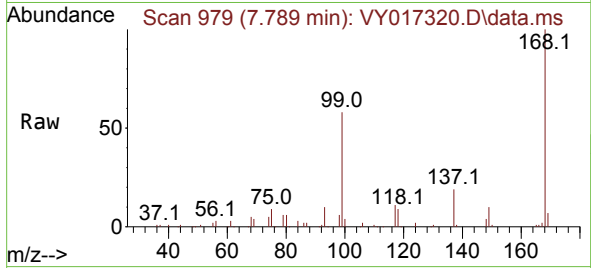




#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

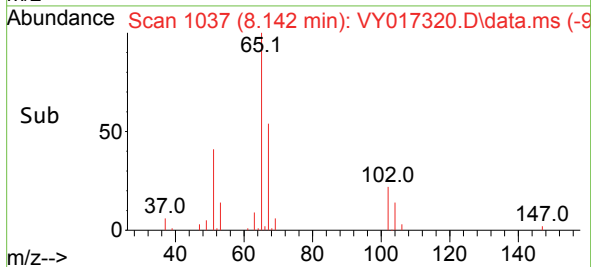
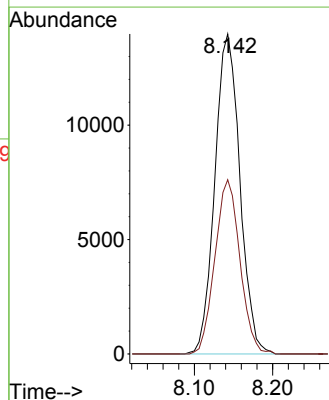
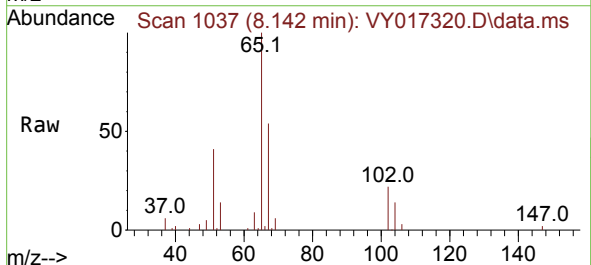
Instrument :
MSVOA_Y
ClientSampleId :

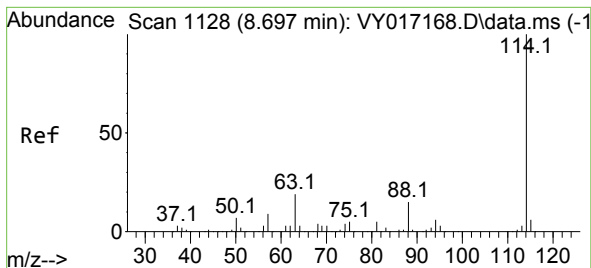
Tgt Ion: 56 Resp: 1604
Ion Ratio Lower Upper
56 100
69 144.9 27.0 40.6#
84 124.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.185 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Tgt Ion: 65 Resp: 31063
Ion Ratio Lower Upper
65 100
67 54.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

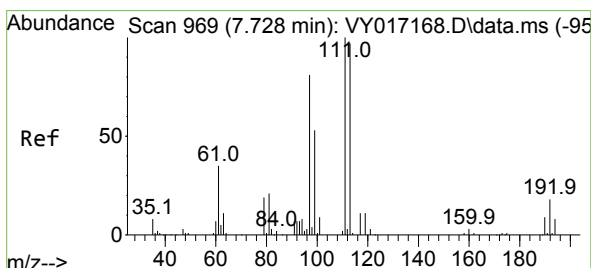
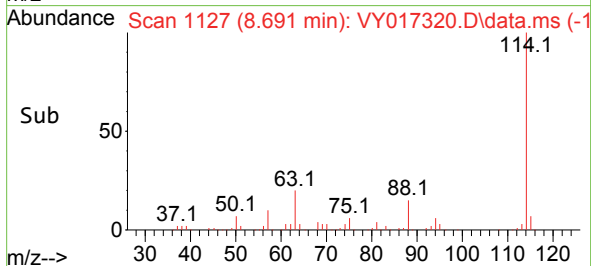
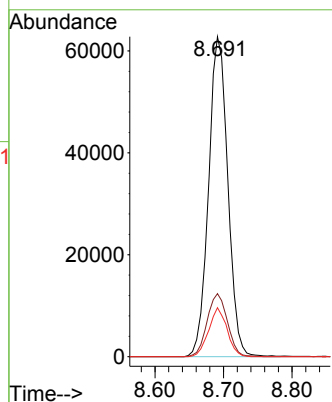
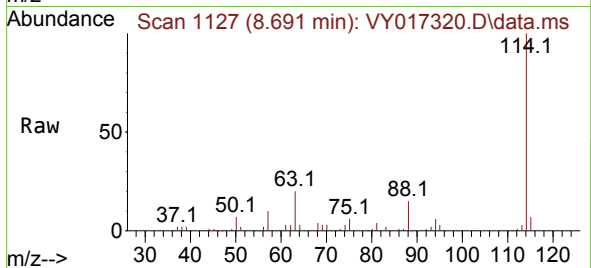
Tgt Ion:114 Resp: 122524

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.3 0.0 29.0



#35

Dibromofluoromethane

Concen: 47.780 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

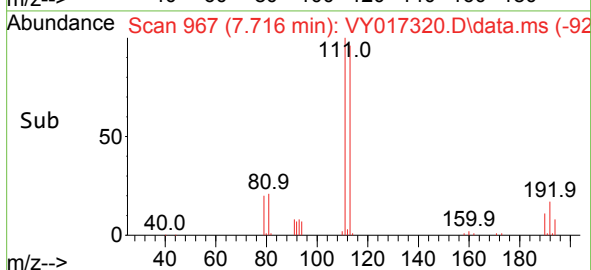
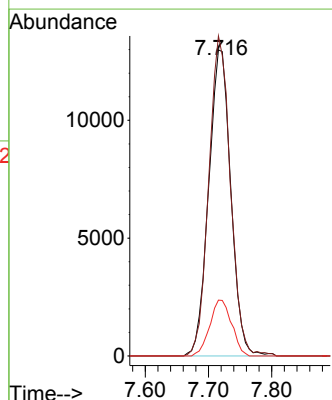
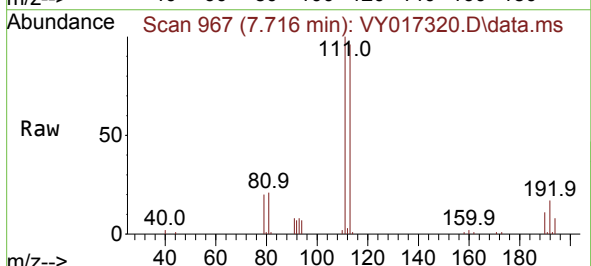
Tgt Ion:113 Resp: 31609

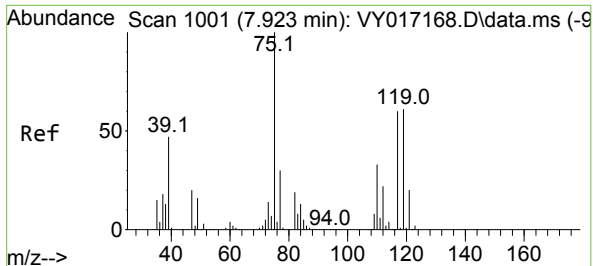
Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

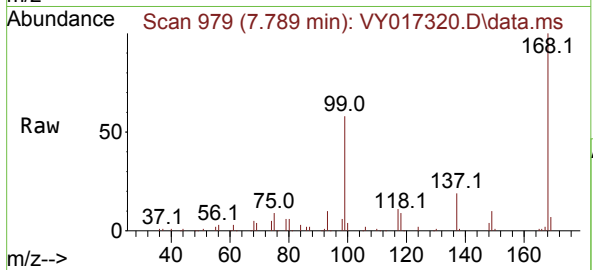
192 18.0 14.5 21.7



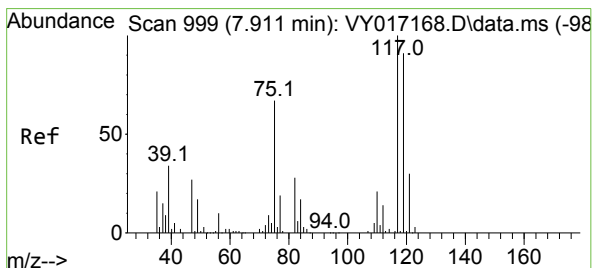
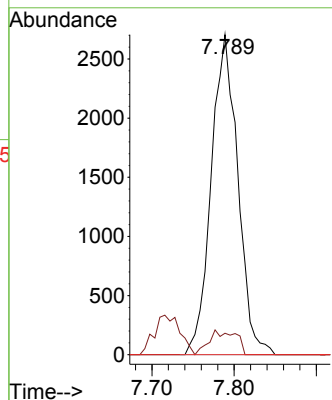
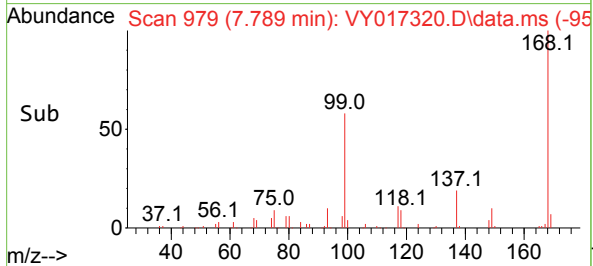


#36
1,1-Dichloropropene
Concen: 5.339 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

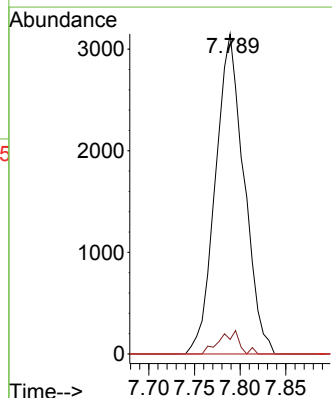
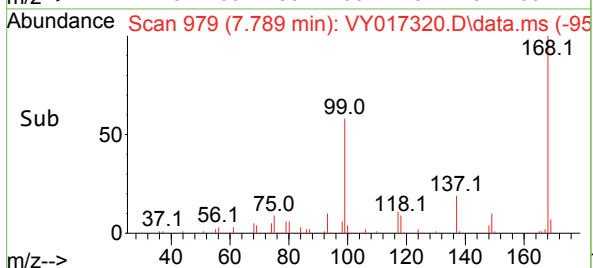
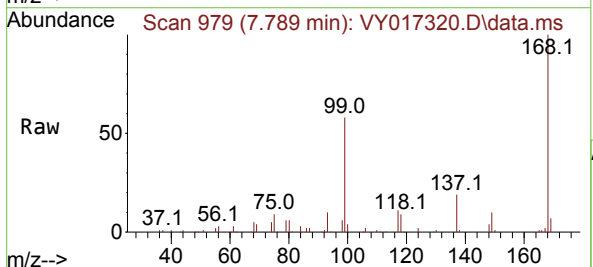


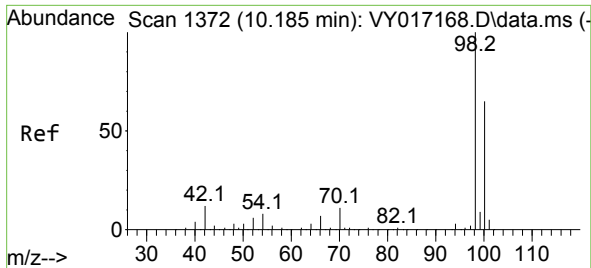
Tgt Ion: 75 Resp: 6093
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.271 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

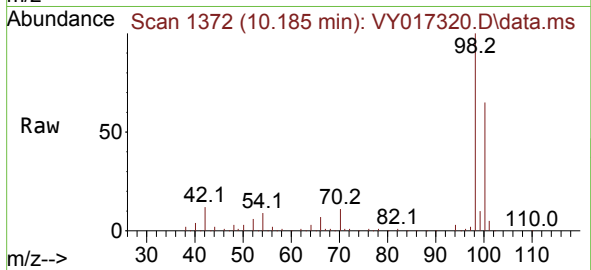
Tgt Ion: 117 Resp: 6852
Ion Ratio Lower Upper
117 100
119 4.5 76.0 114.0#
121 0.0 24.2 36.2#



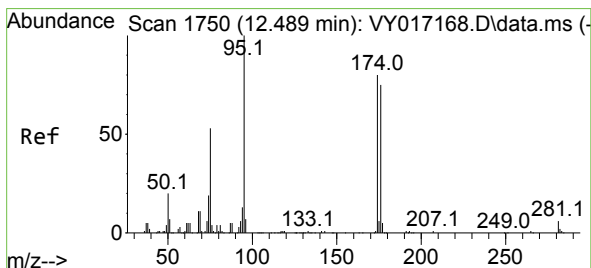
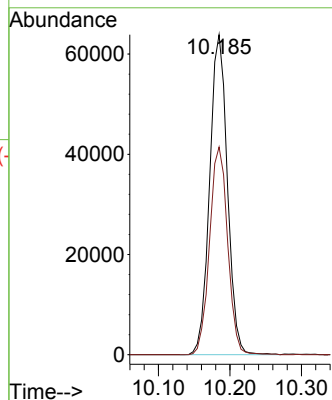
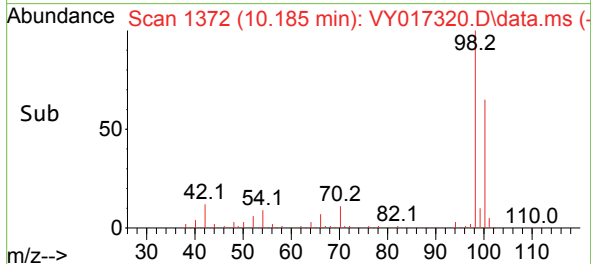


#50
Toluene-d8
Concen: 45.588 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

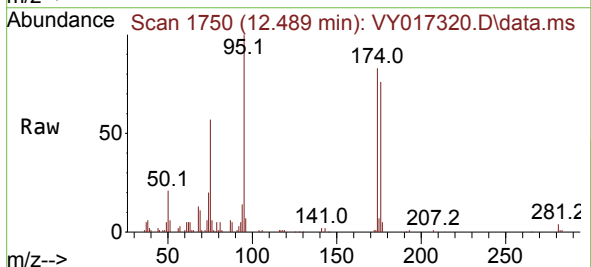
Instrument :
MSVOA_Y
ClientSampleId :



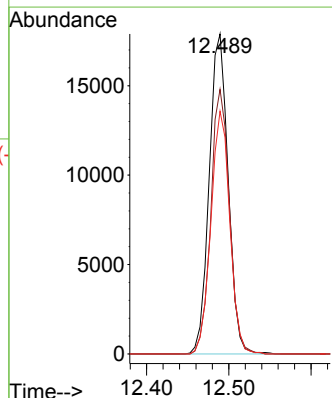
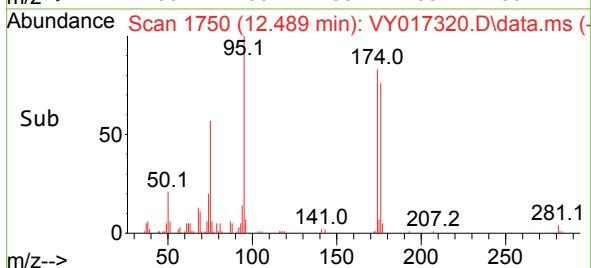
Tgt Ion: 98 Resp: 109806
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5

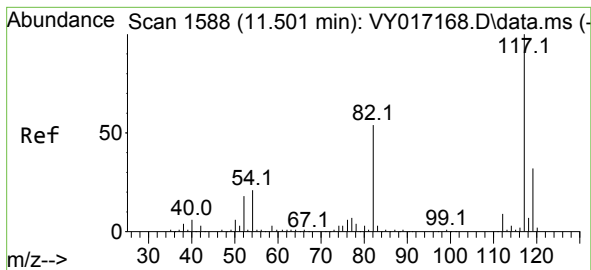


#62
4-Bromofluorobenzene
Concen: 36.233 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10



Tgt Ion: 95 Resp: 28589
Ion Ratio Lower Upper
95 100
174 81.5 0.0 160.0
176 75.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

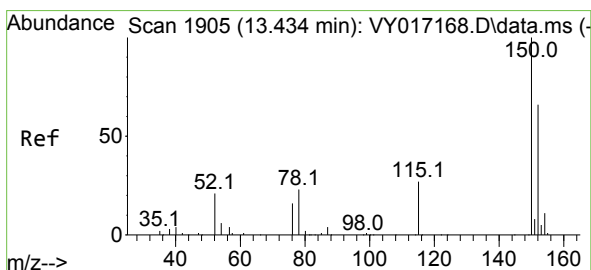
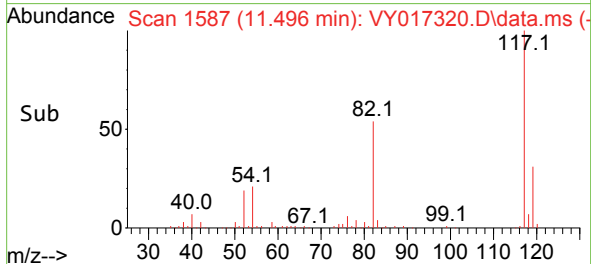
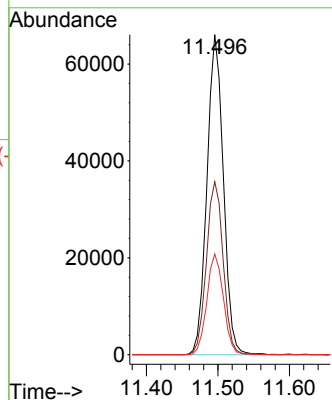
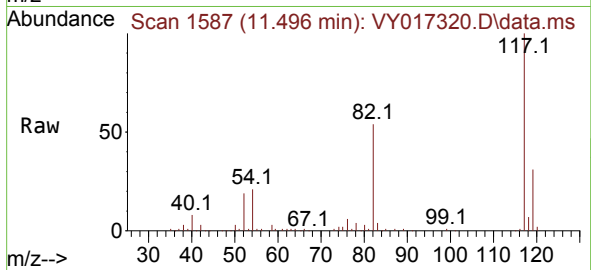
Tgt Ion:117 Resp: 105500

Ion Ratio Lower Upper

117 100

82 54.1 43.8 65.8

119 31.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

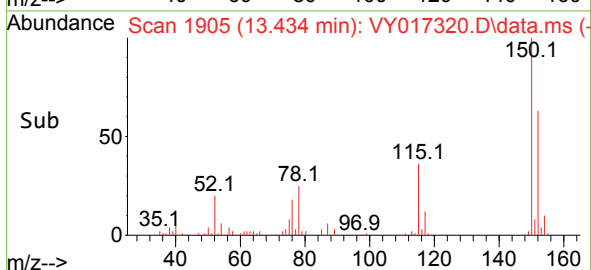
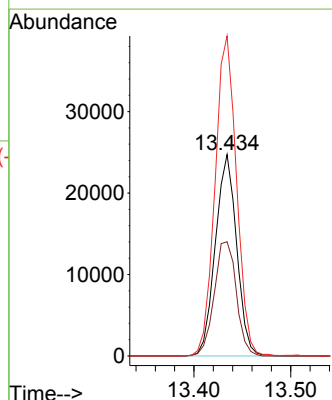
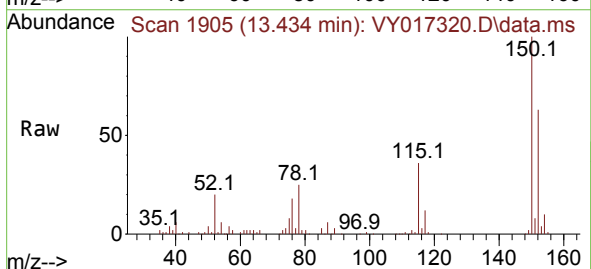
Tgt Ion:152 Resp: 37742

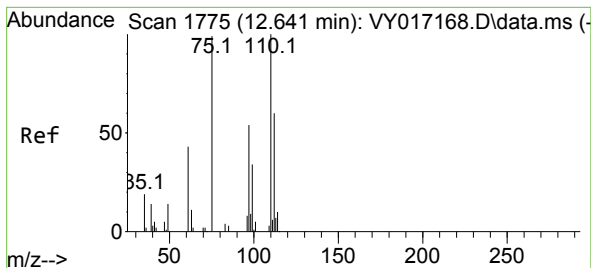
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 160.3 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 45.330 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

Instrument :

MSVOA_Y

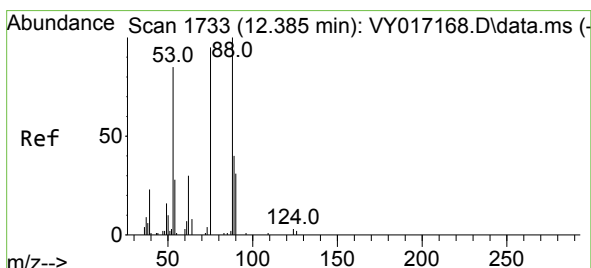
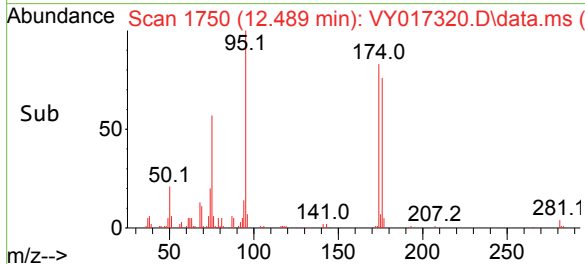
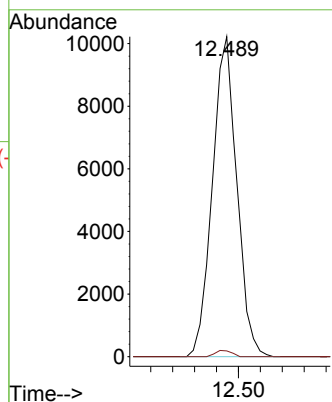
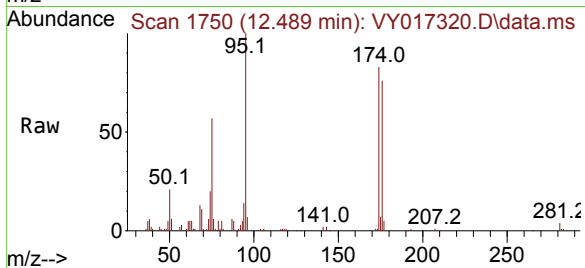
ClientSampleId :

Tgt Ion: 75 Resp: 15791

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.191 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017320.D

Acq: 08 Feb 2024 18:10

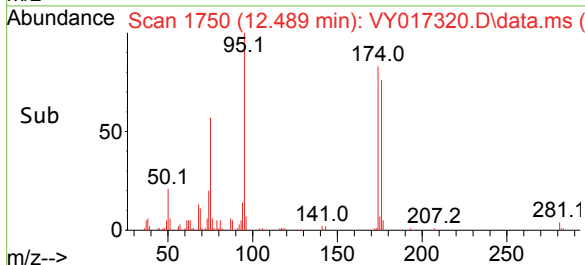
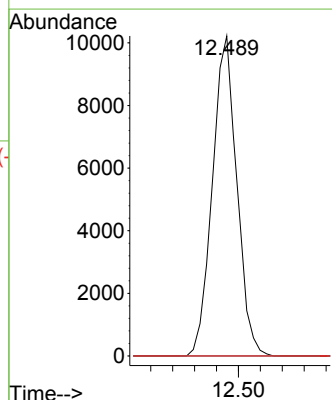
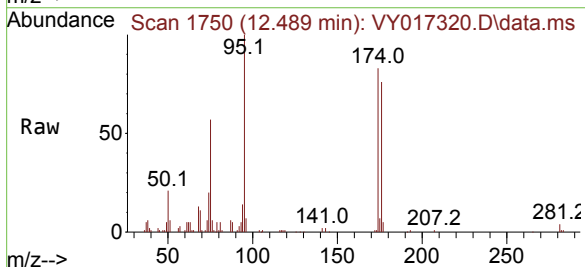
Tgt Ion: 75 Resp: 15791

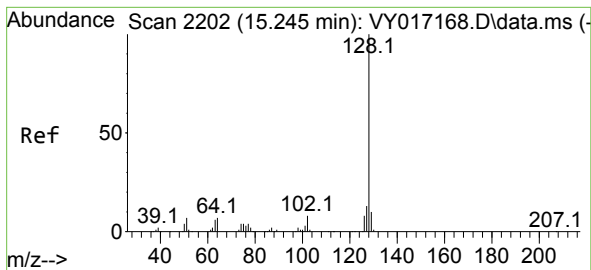
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

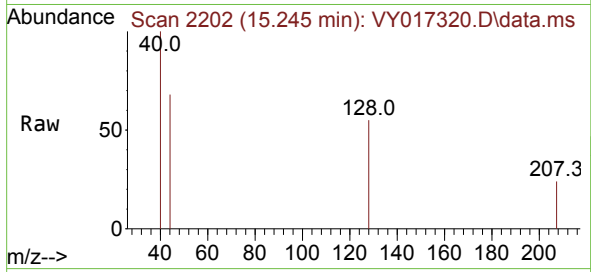
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 3.611 ug/l
RT: 15.245 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017320.D
Acq: 08 Feb 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 202
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

