

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017596.D
 Acq On : 06 Mar 2024 17:50
 Operator : SY/MD
 Sample : P1688-05
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-5

Quant Time: Mar 07 02:10:15 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)

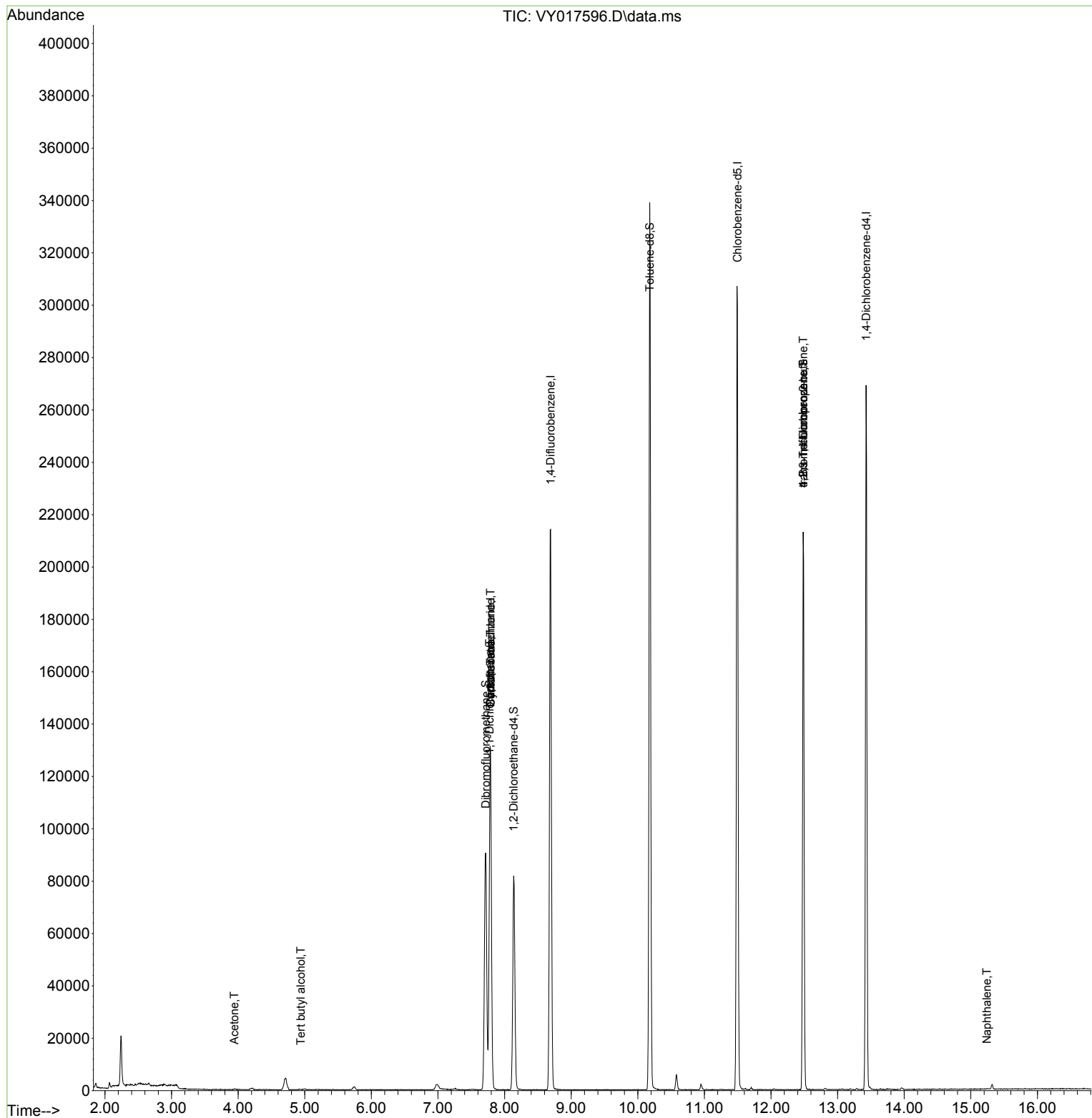
Internal Standards						
1) Pentafluorobenzene	7.789	168	109062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72281	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60272	58.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.620%
35) Dibromofluoromethane	7.716	113	67053	48.087	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.179	98	228846	46.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.483	95	63402	41.379	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	139	1.583	ug/l #	88
16) Acetone	3.942	43	393	1.960	ug/l #	36
20) Methylene Chloride	4.710	84	3830	Below Cal		92
31) Cyclohexane	7.789	56	1873	1.113	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	7724	4.106	ug/l #	47
38) Carbon Tetrachloride	7.789	117	10044	5.327	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	31735	46.208	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31735	106.177	ug/l #	16
95) Naphthalene	15.239	128	112	3.960	ug/l #	69

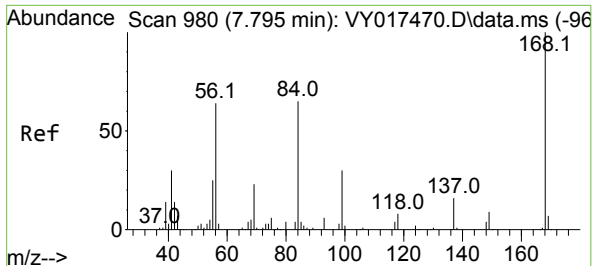
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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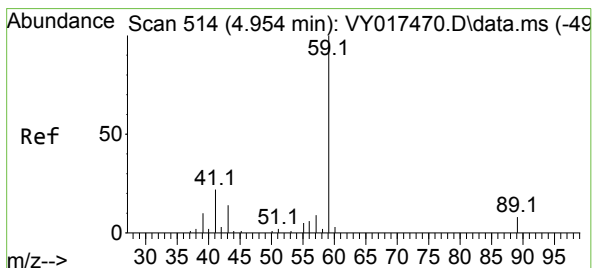
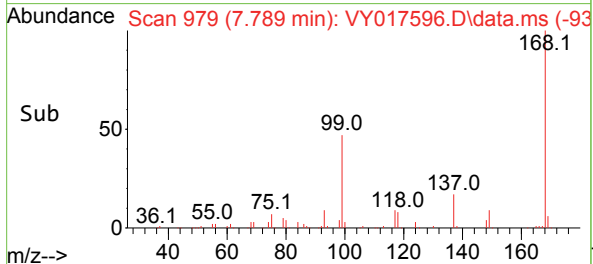
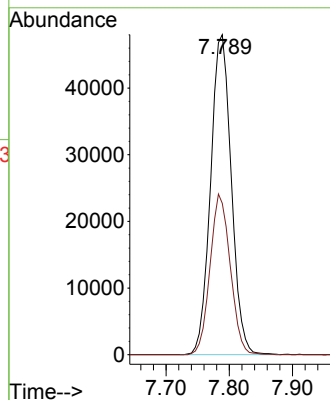
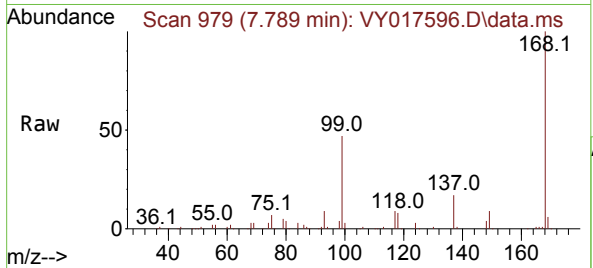




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

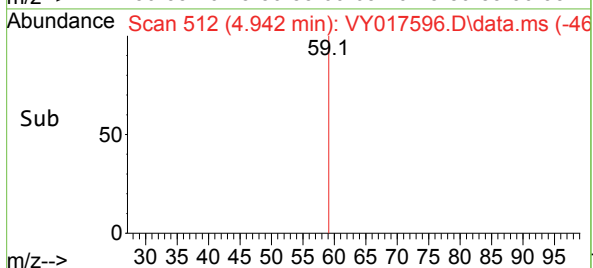
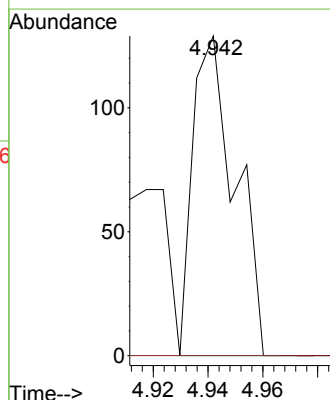
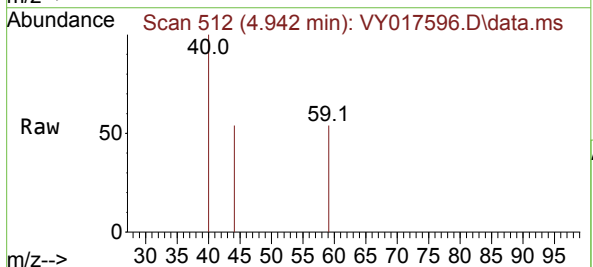
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

Tgt Ion:168 Resp: 109062
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.583 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.960 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

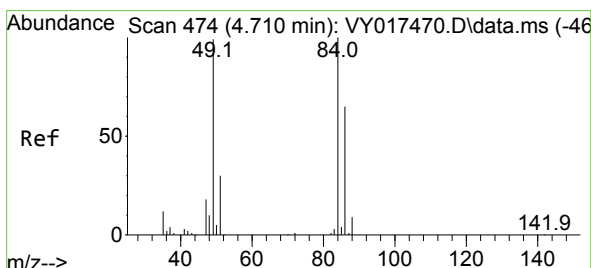
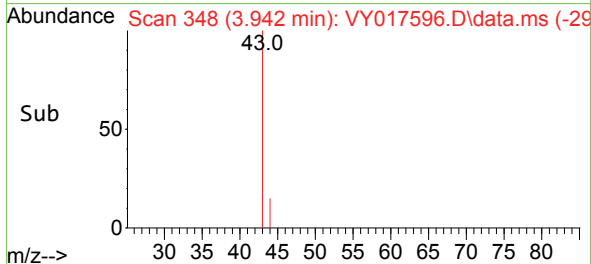
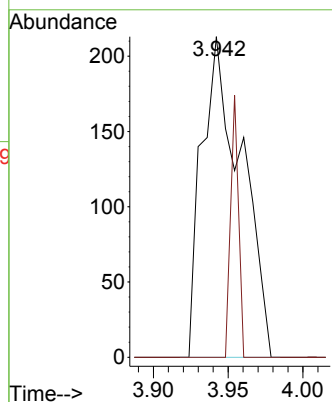
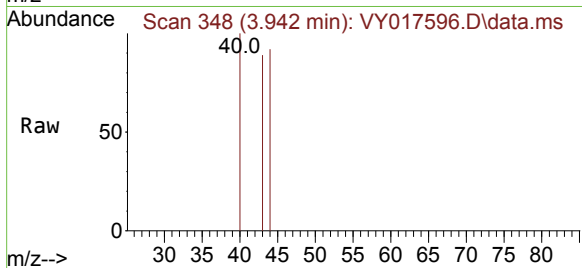
COMP-5

Tgt Ion: 43 Resp: 393

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: VY017596.D

Acq: 06 Mar 2024 17:50

Tgt Ion: 84 Resp: 3830

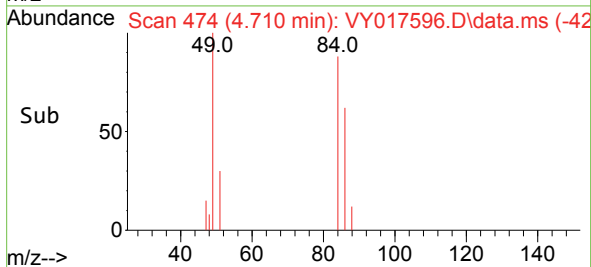
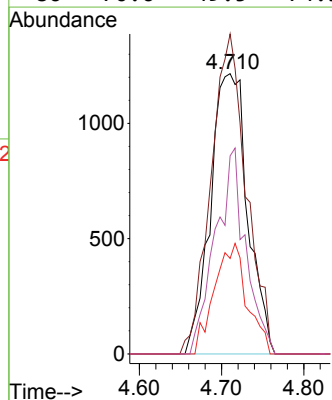
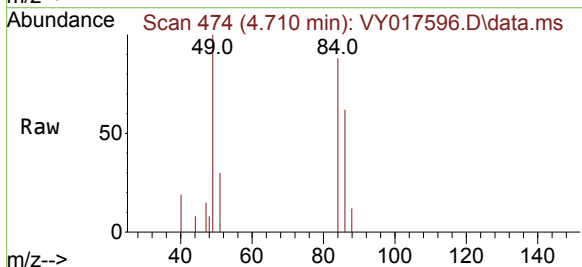
Ion Ratio Lower Upper

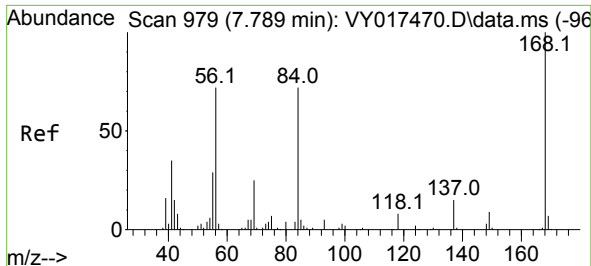
84 100

49 114.1 84.4 126.6

51 34.0 26.0 39.0

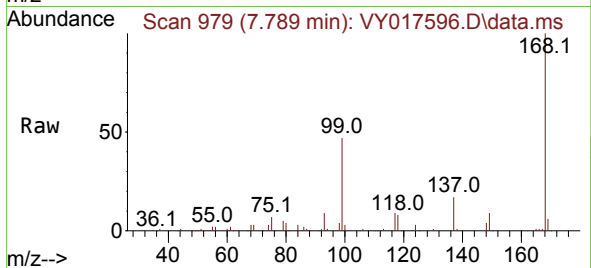
86 70.6 49.5 74.3



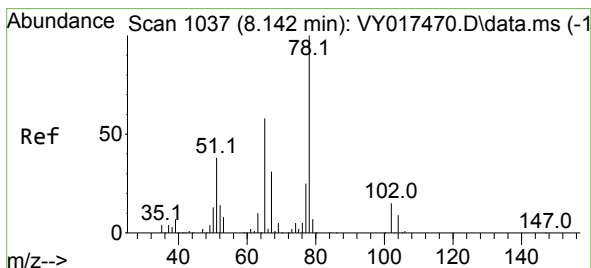
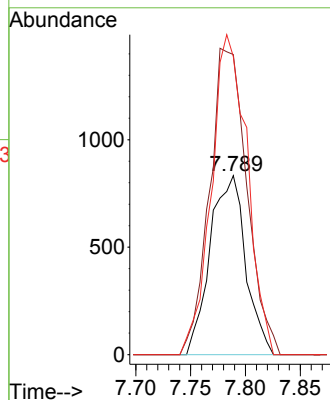
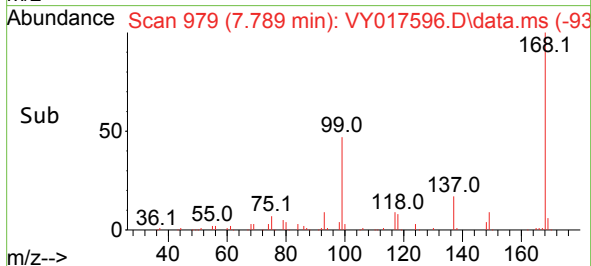


#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

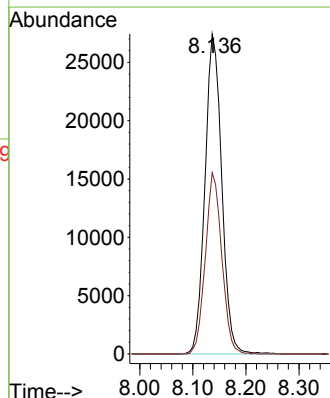
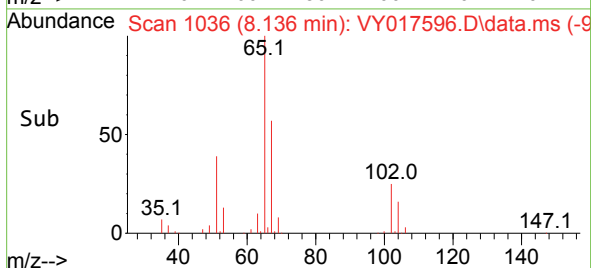
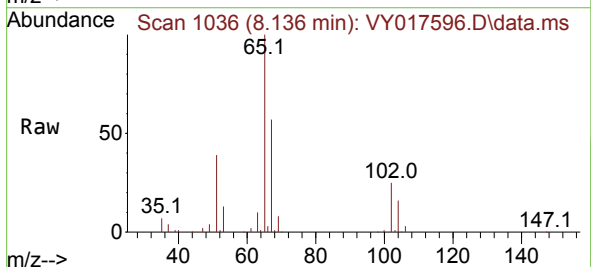


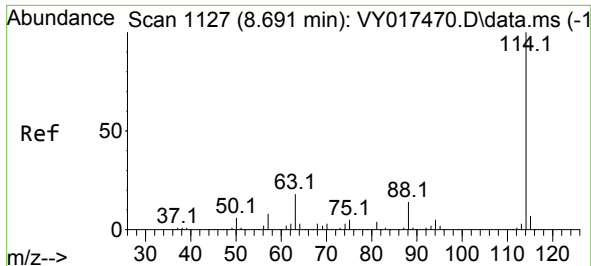
Tgt Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 167.7 28.7 43.1#
84 166.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.312 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Tgt Ion: 65 Resp: 60272
Ion Ratio Lower Upper
65 100
67 55.5 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: VY017596.D

Acq: 06 Mar 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

COMP-5

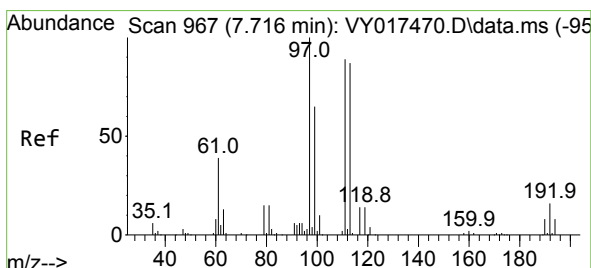
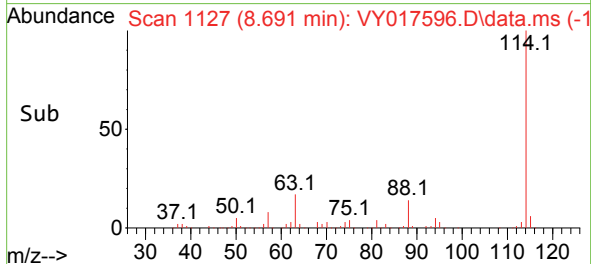
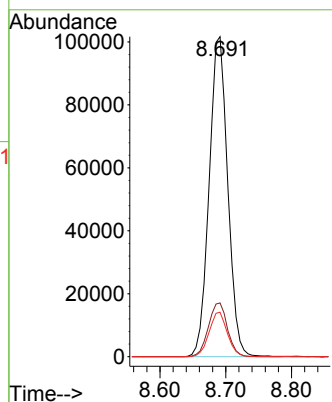
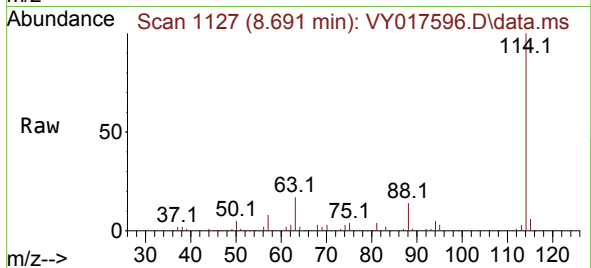
Tgt Ion:114 Resp: 200109

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.087 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

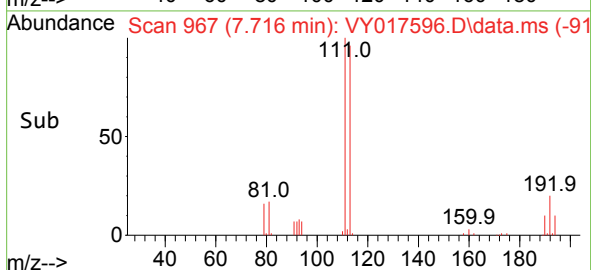
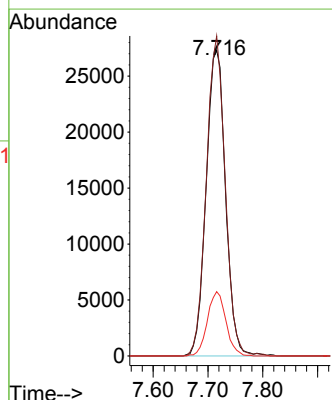
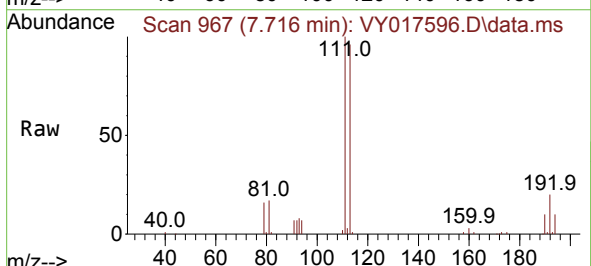
Tgt Ion:113 Resp: 67053

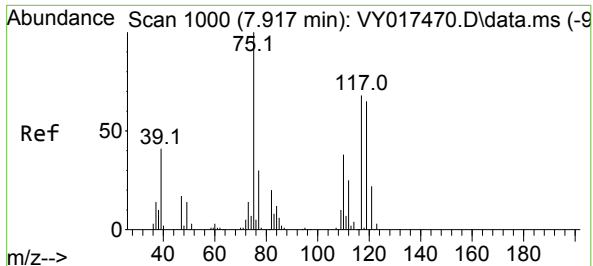
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.1 15.9 23.9

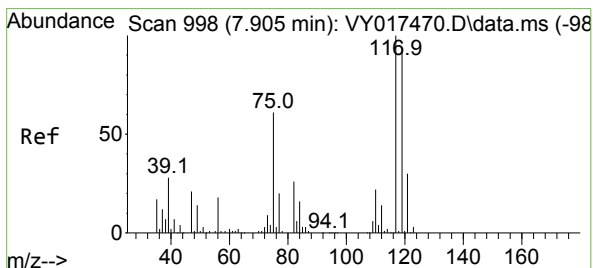
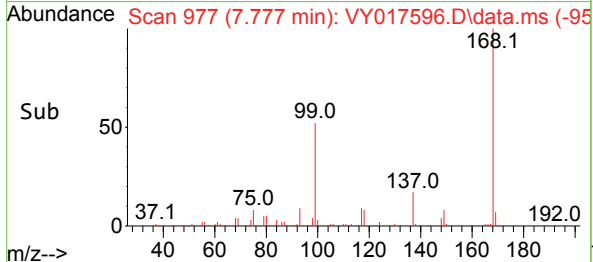
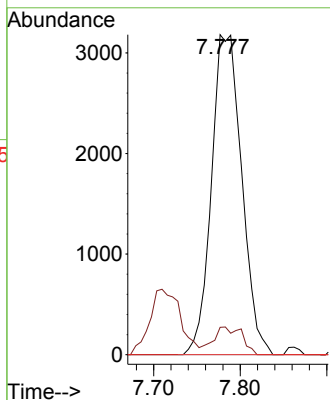
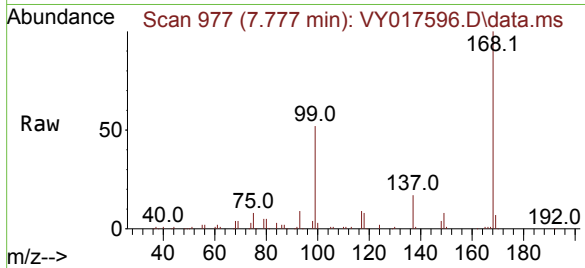




#36
1,1-Dichloropropene
Concen: 4.106 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

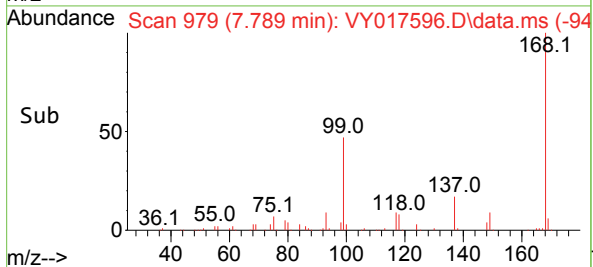
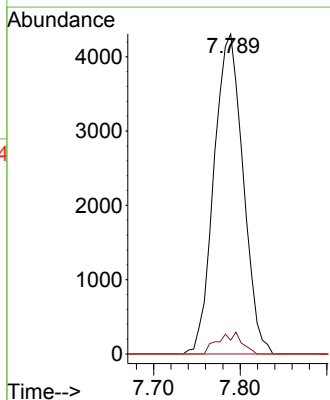
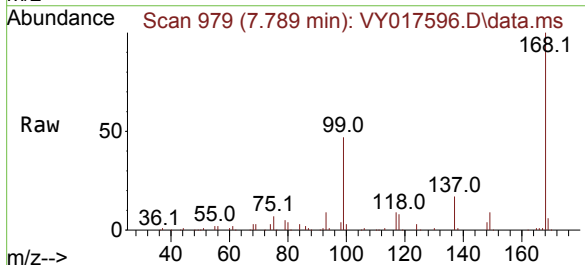
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

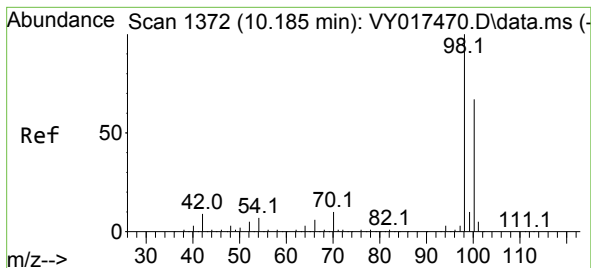
Tgt Ion: 75 Resp: 7724
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.327 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Tgt Ion: 117 Resp: 10044
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 46.939 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

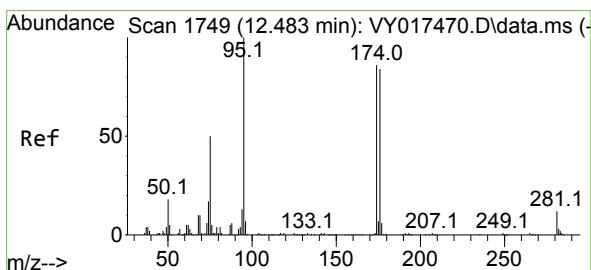
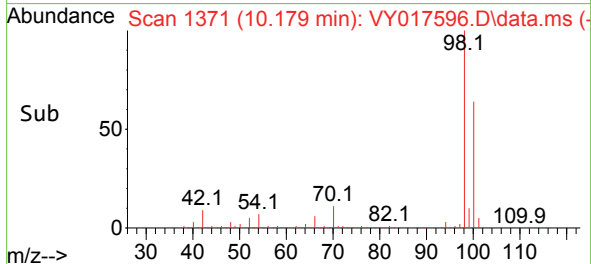
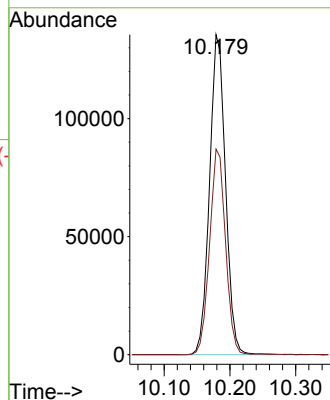
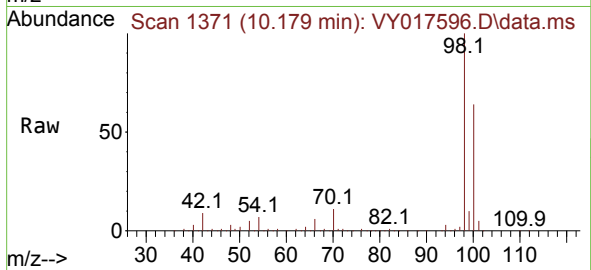
COMP-5

Tgt Ion: 98 Resp: 228846

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 41.379 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

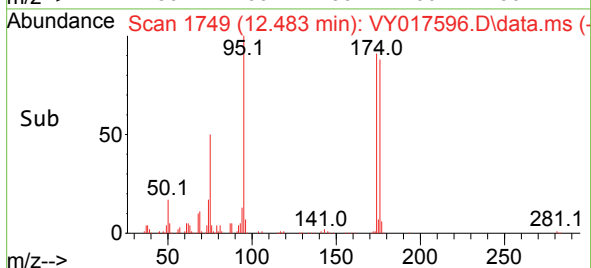
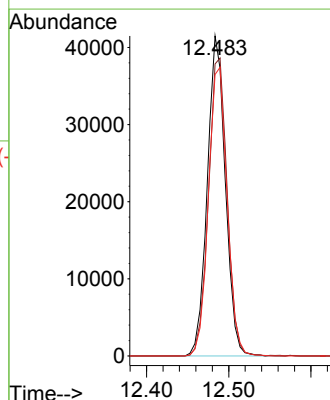
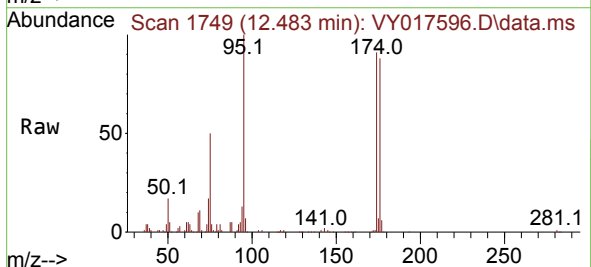
Tgt Ion: 95 Resp: 63402

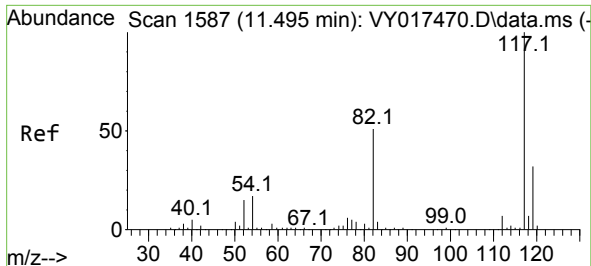
Ion Ratio Lower Upper

95 100

174 96.1 0.0 175.6

176 93.4 0.0 171.4

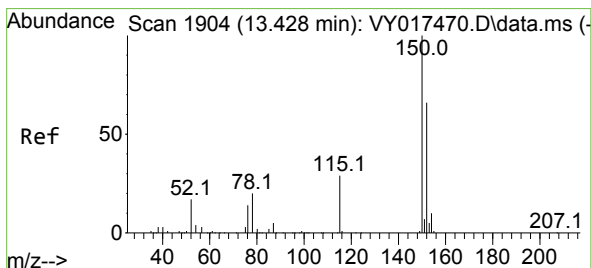
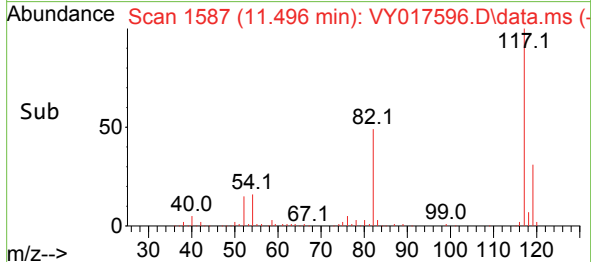
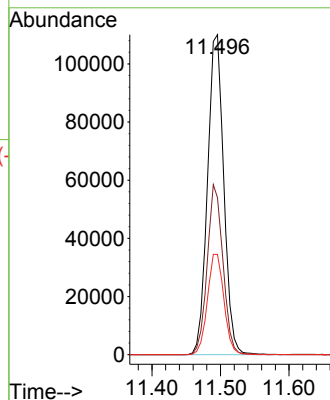
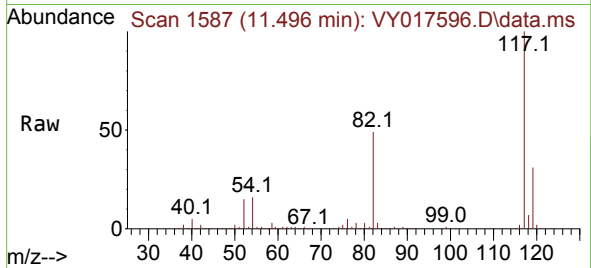




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

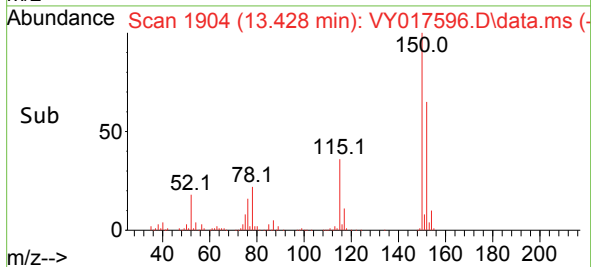
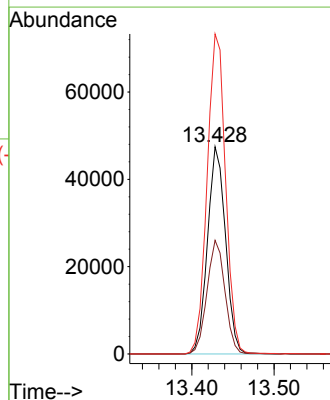
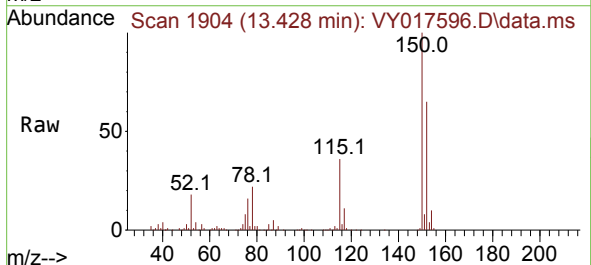
Instrument :
MSVOA_Y
ClientSampleId :
COMP-5

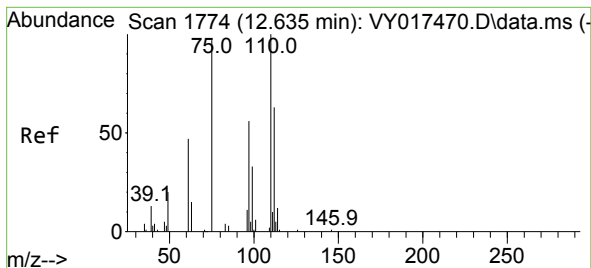
Tgt Ion:117 Resp: 182036
Ion Ratio Lower Upper
117 100
82 49.0 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Tgt Ion:152 Resp: 72281
Ion Ratio Lower Upper
152 100
115 54.7 28.2 84.7
150 157.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 46.208 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

Instrument :

MSVOA_Y

ClientSampleId :

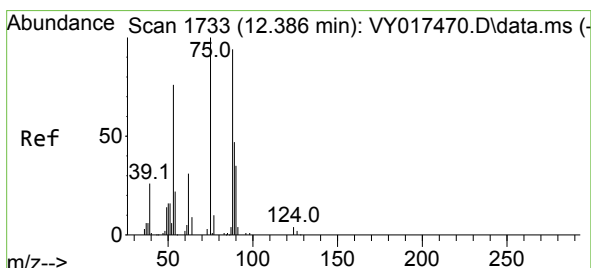
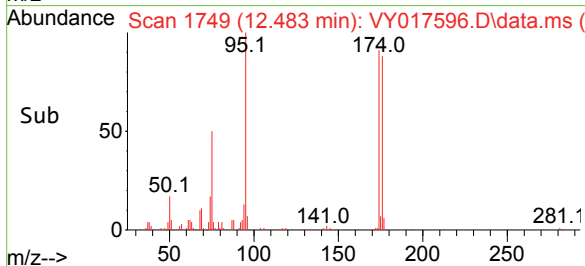
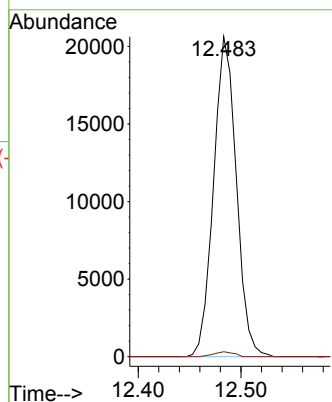
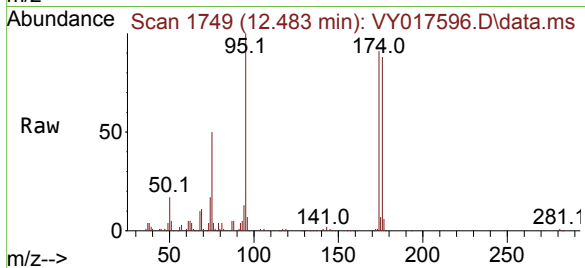
COMP-5

Tgt Ion: 75 Resp: 31735

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.177 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017596.D

Acq: 06 Mar 2024 17:50

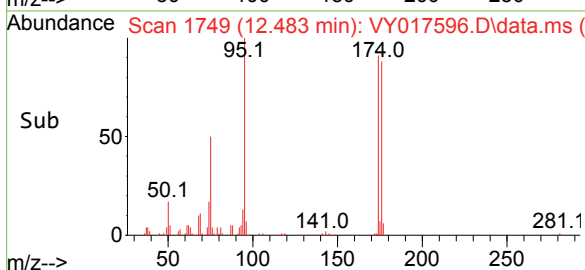
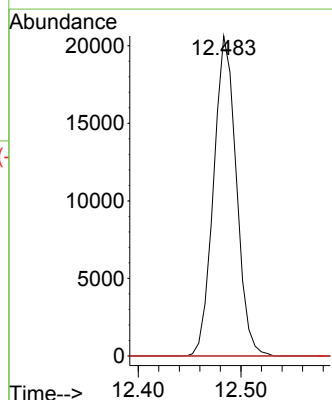
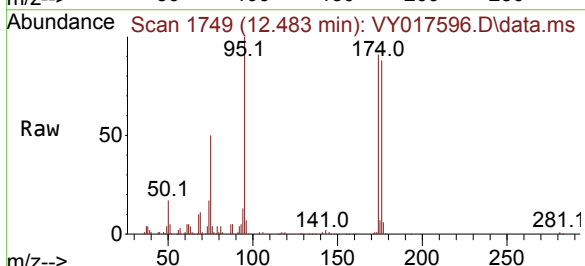
Tgt Ion: 75 Resp: 31735

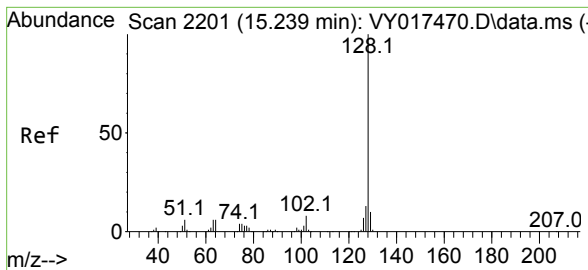
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

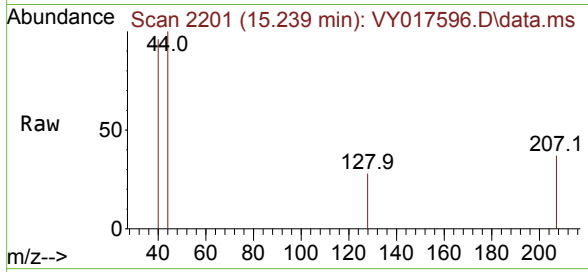
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 3.960 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017596.D
Acq: 06 Mar 2024 17:50

Instrument :
MSVOA_Y
ClientSampleId :
COMP-5



Tgt Ion:128 Resp: 112
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

