

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017234.D
 Acq On : 05 Feb 2024 17:14
 Operator : SY/MD
 Sample : P1362-03
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Feb 06 01:02:20 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)

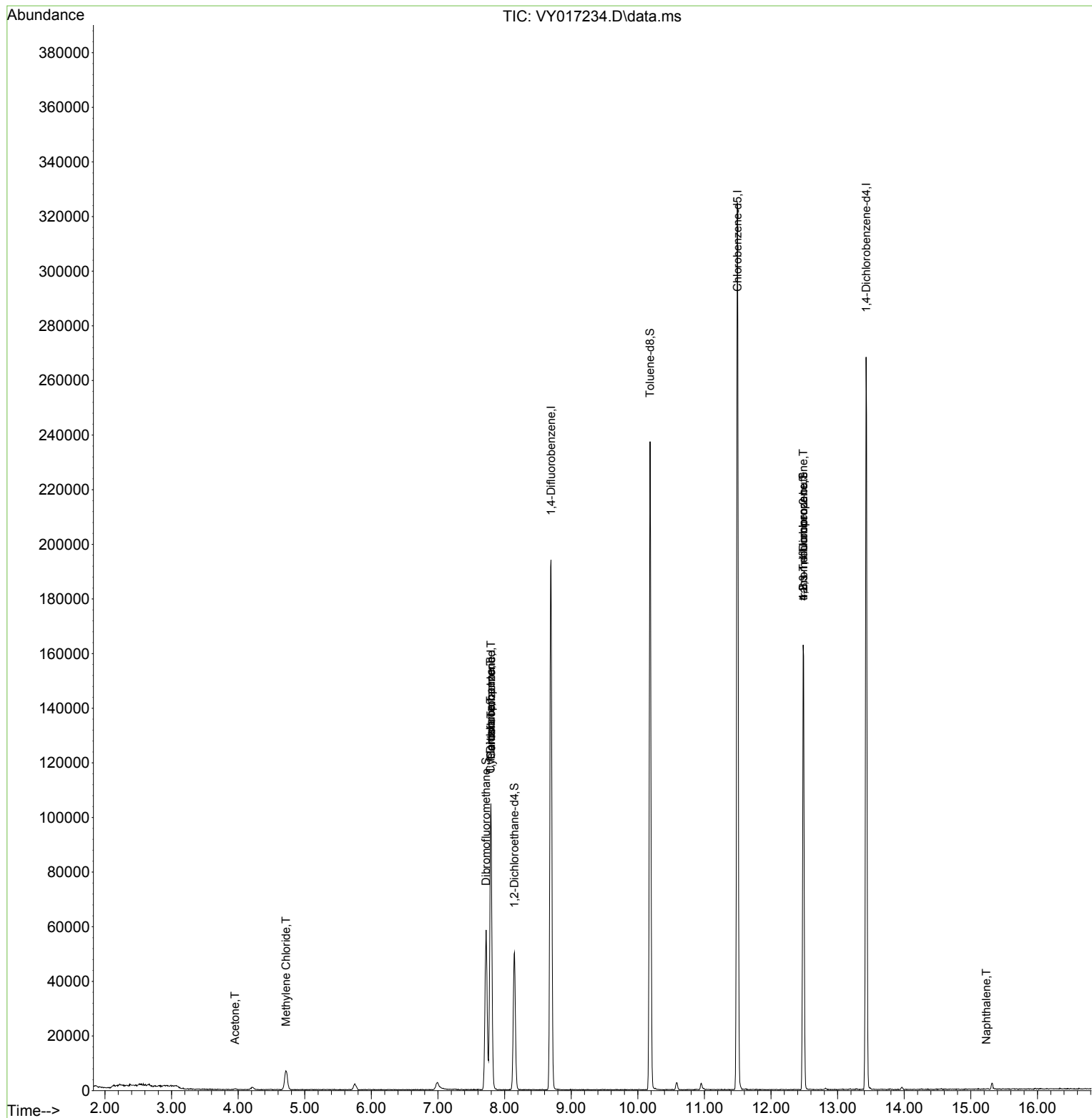
Internal Standards						
1) Pentafluorobenzene	7.795	168	79187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	175035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	38124	53.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.780%	
35) Dibromofluoromethane	7.722	113	41060	44.600	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.200%	
50) Toluene-d8	10.185	98	152496	45.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.000%	
62) 4-Bromofluorobenzene	12.483	95	50590	46.074	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	23	Below Cal	#	75
16) Acetone	3.954	43	649	3.121	ug/l	98
20) Methylene Chloride	4.716	84	5442	3.105	ug/l	96
31) Cyclohexane	7.789	56	1753	1.229	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6920	4.358	ug/l #	49
38) Carbon Tetrachloride	7.795	117	7930	5.216	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	26506	42.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26506	88.495	ug/l #	12
95) Naphthalene	15.233	128	85	3.467	ug/l #	69

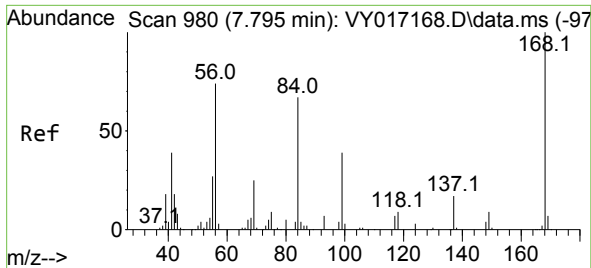
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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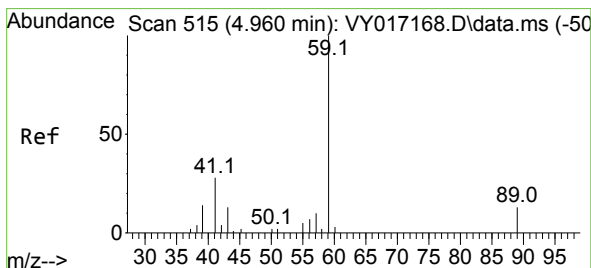
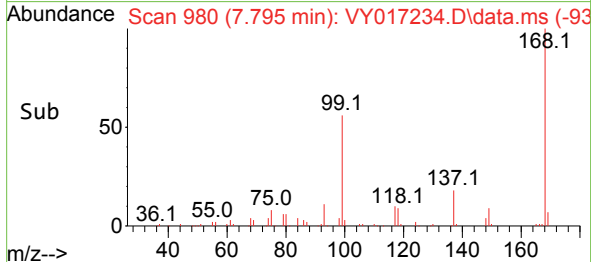
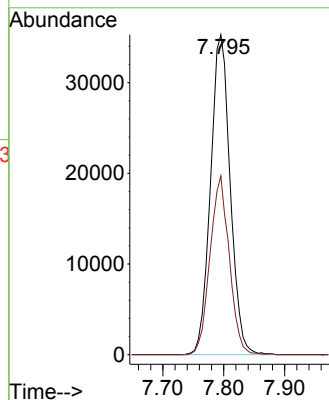
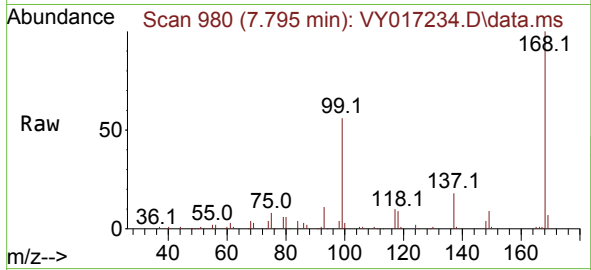




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

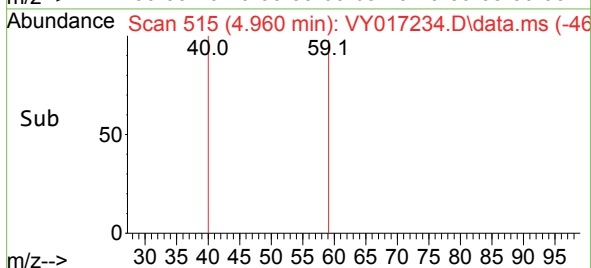
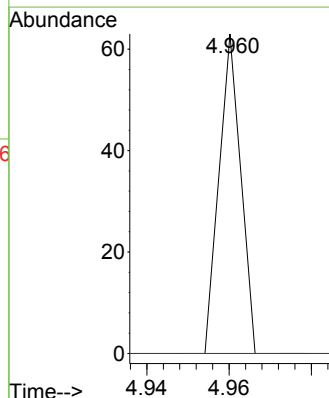
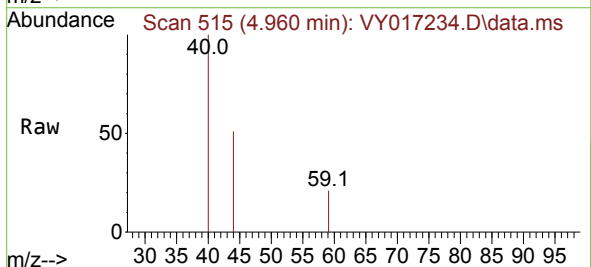
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

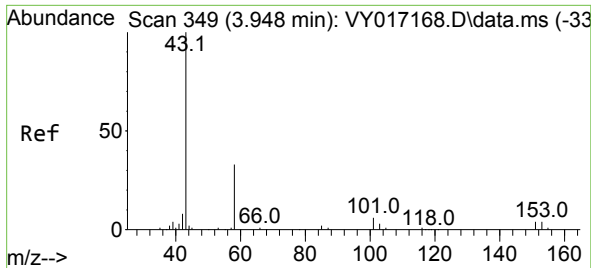
Tgt Ion:168 Resp: 79187
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 3.121 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

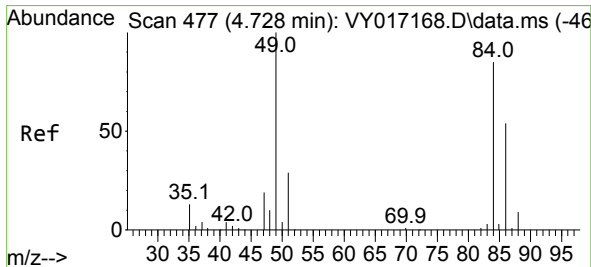
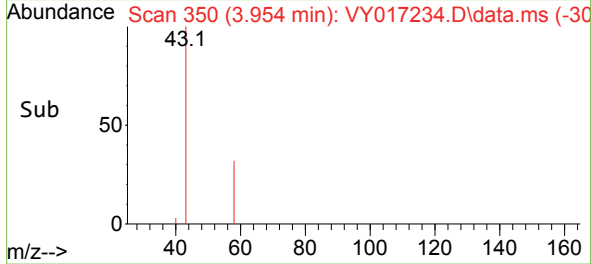
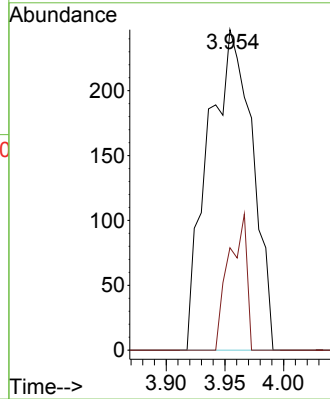
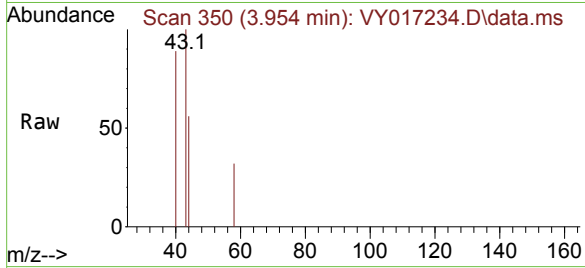
WC-1-VOC

Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

43 100

58 32.0 26.6 39.8



#20

Methylene Chloride

Concen: 3.105 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

Tgt Ion: 84 Resp: 5442

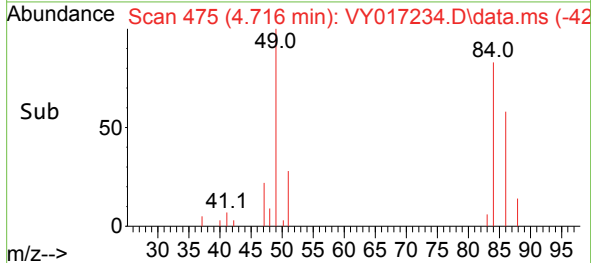
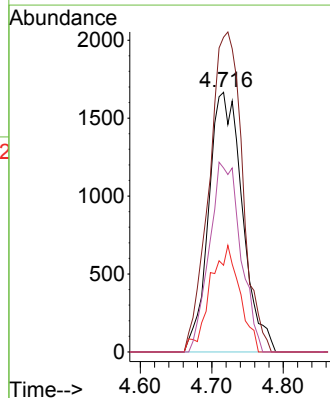
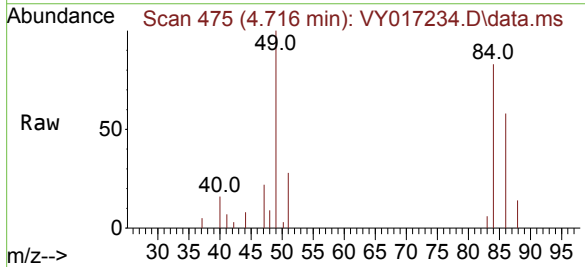
Ion Ratio Lower Upper

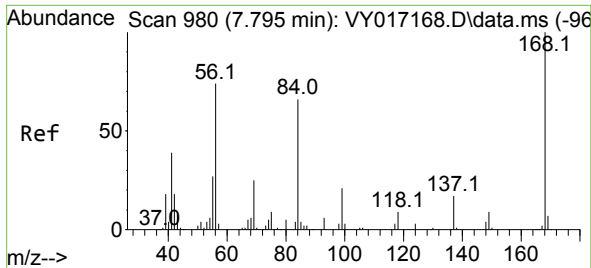
84 100

49 121.2 95.2 142.8

51 33.4 29.9 44.9

86 70.8 52.2 78.4

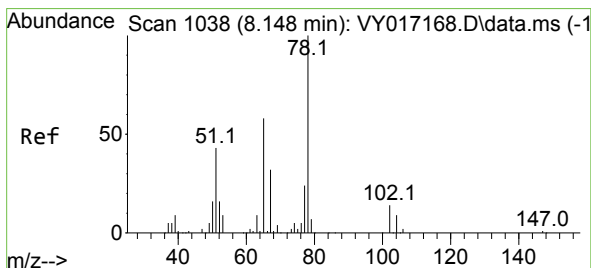
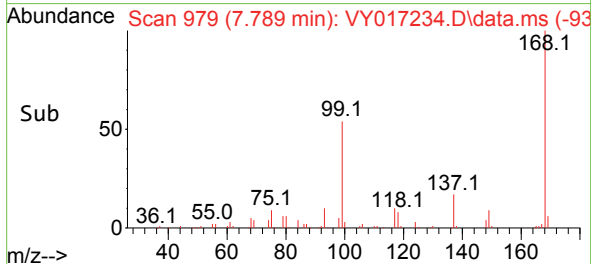
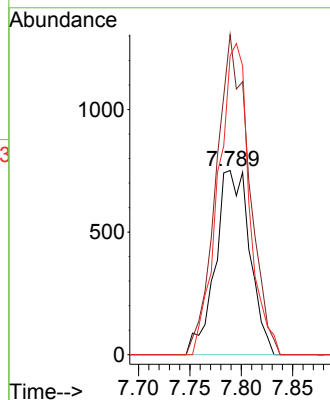
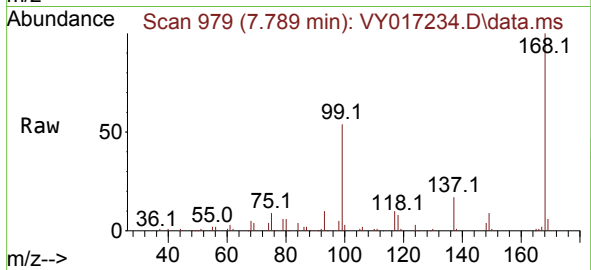




#31
Cyclohexane
Concen: 1.229 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

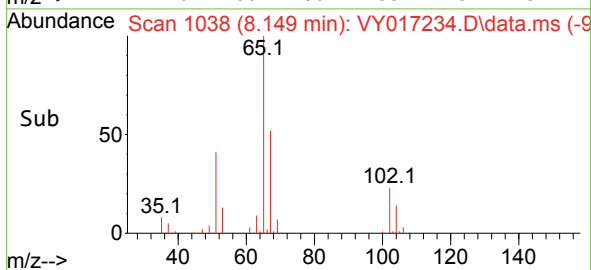
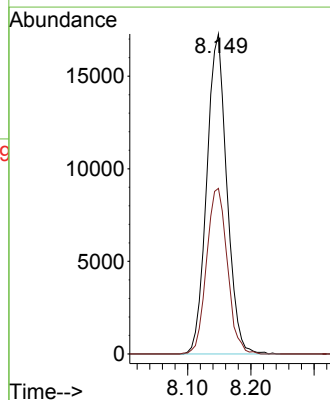
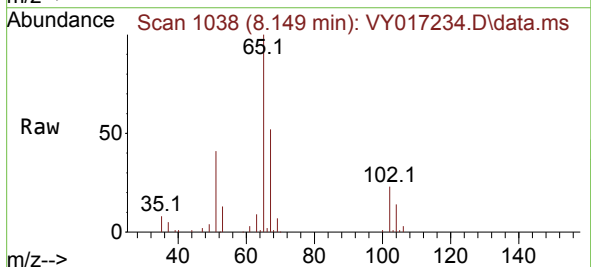
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

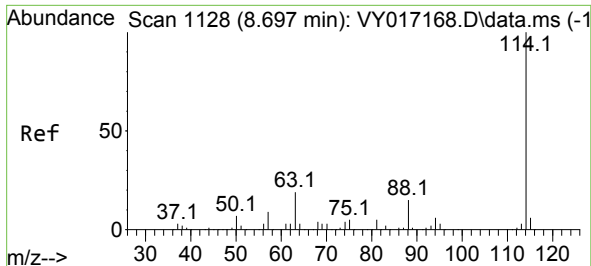
Tgt Ion: 56 Resp: 1753
Ion Ratio Lower Upper
56 100
69 173.8 27.0 40.6#
84 162.2 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 53.893 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

Tgt Ion: 65 Resp: 38124
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0

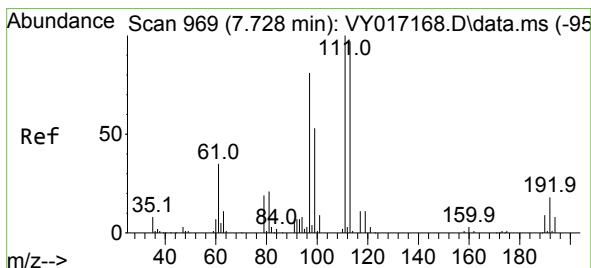
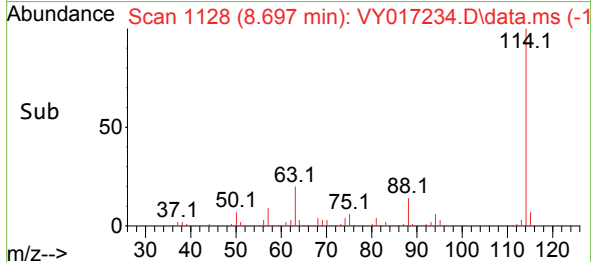
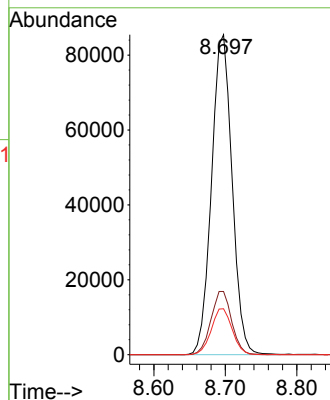
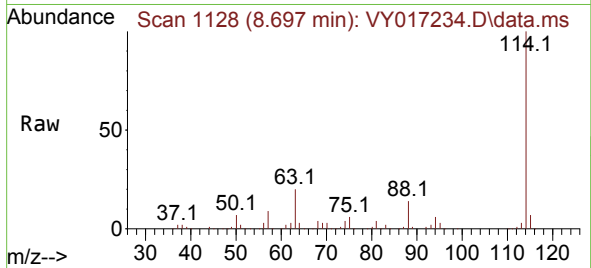




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

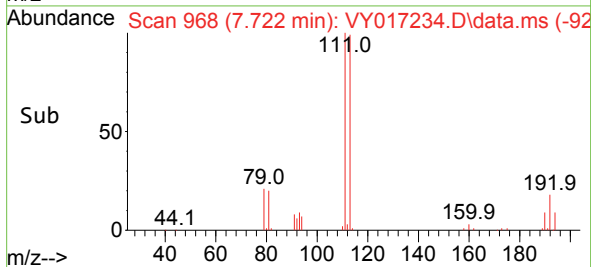
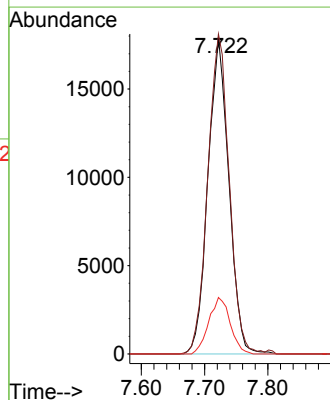
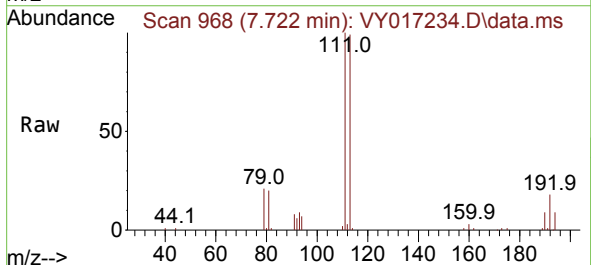
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

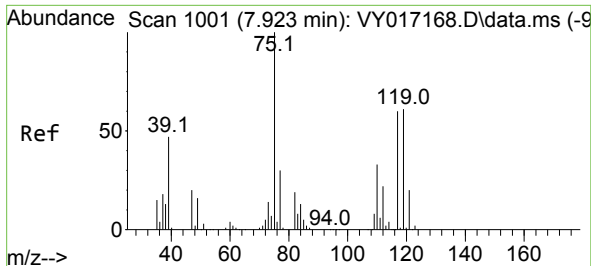
Tgt Ion:114 Resp: 170505
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.4 0.0 29.0



#35
Dibromofluoromethane
Concen: 44.600 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

Tgt Ion:113 Resp: 41060
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 18.3 14.5 21.7

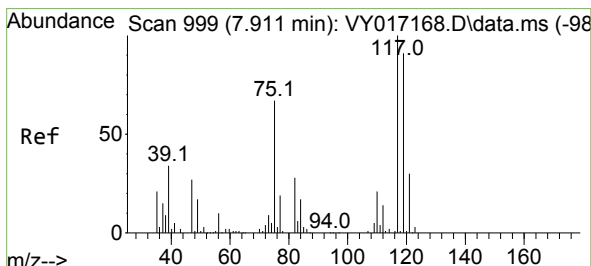
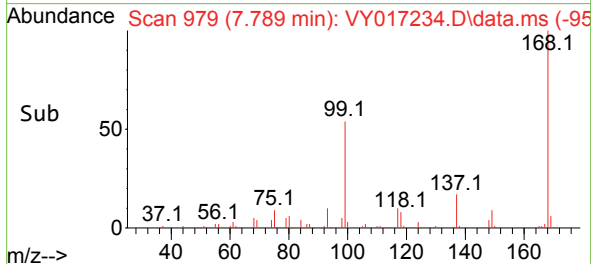
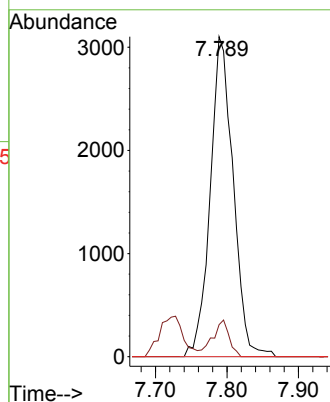
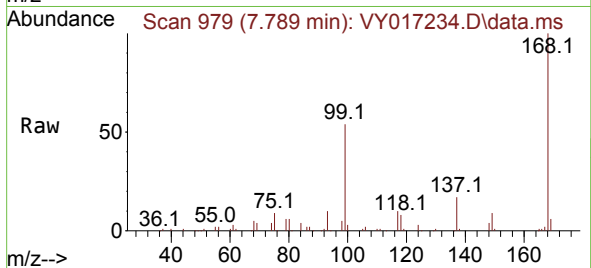




#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

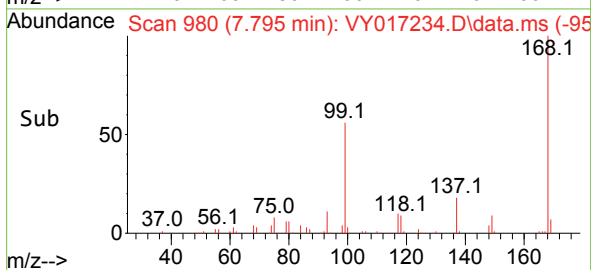
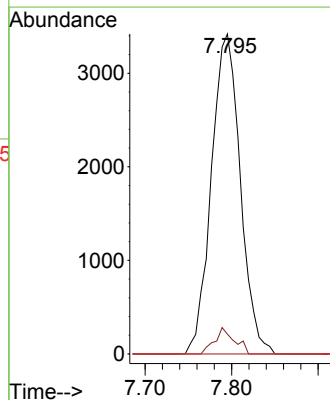
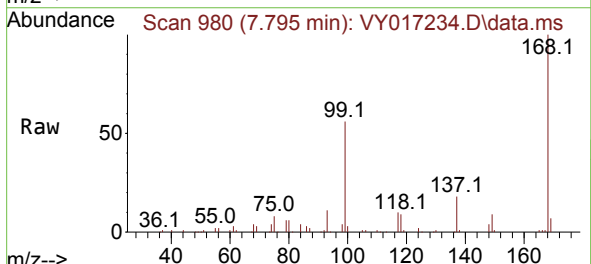
Instrument :
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ClientSampleId :
WC-1-VOC

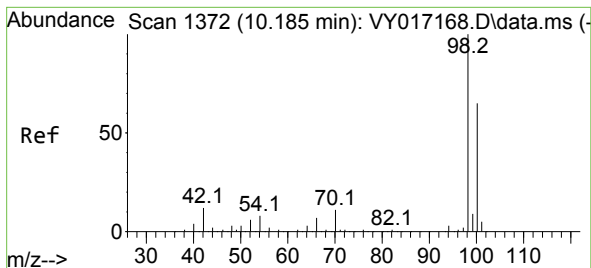
Tgt Ion: 75 Resp: 6920
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.216 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.115 min
Lab File: VY017234.D
Acq: 05 Feb 2024 17:14

Tgt Ion:117 Resp: 7930
Ion Ratio Lower Upper
117 100
119 6.2 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 45.495 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

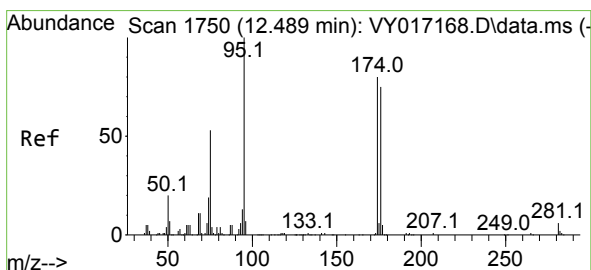
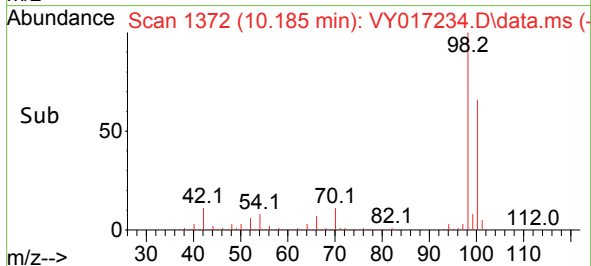
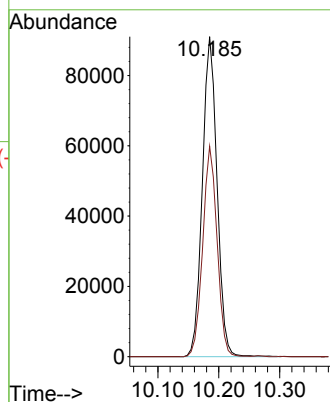
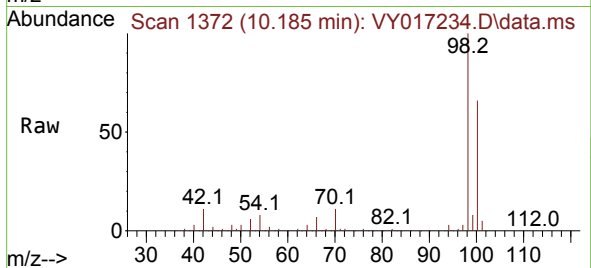
WC-1-VOC

Tgt Ion: 98 Resp: 152496

Ion Ratio Lower Upper

98 100

100 64.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 46.074 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

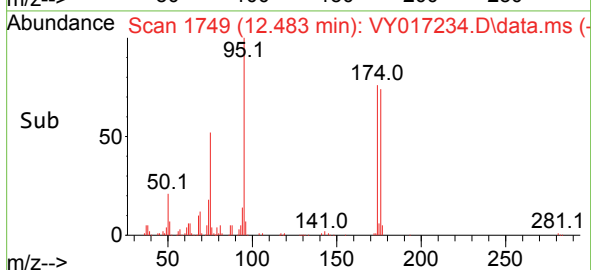
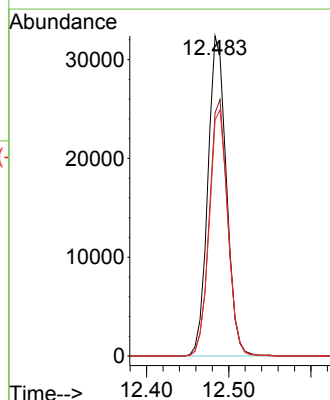
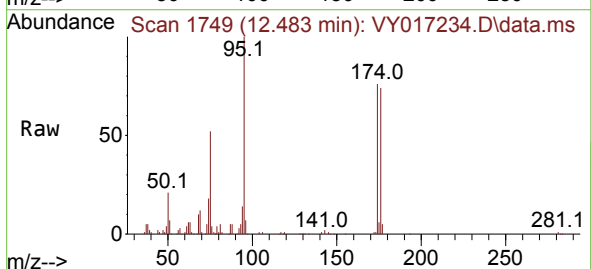
Tgt Ion: 95 Resp: 50590

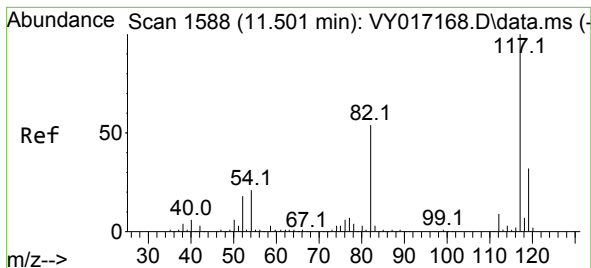
Ion Ratio Lower Upper

95 100

174 79.8 0.0 160.0

176 77.4 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: VY017234.D

Acq: 05 Feb 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

WC-1-VOC

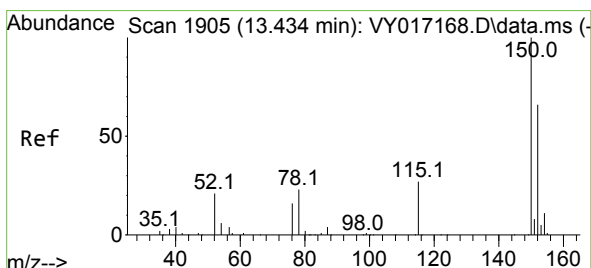
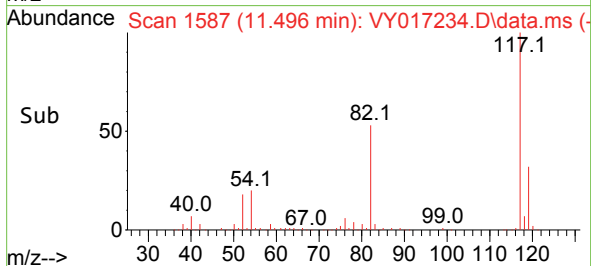
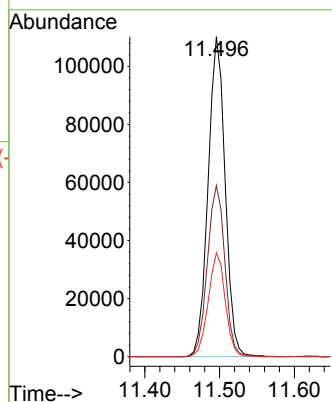
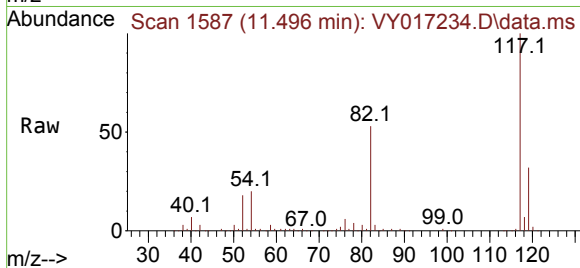
Tgt Ion:117 Resp: 175035

Ion Ratio Lower Upper

117 100

82 53.5 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

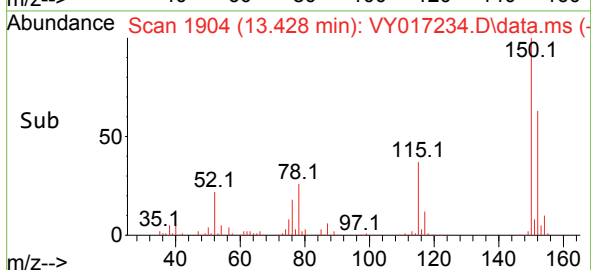
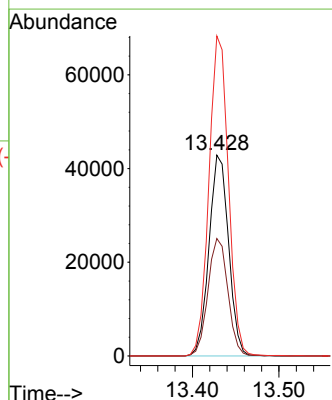
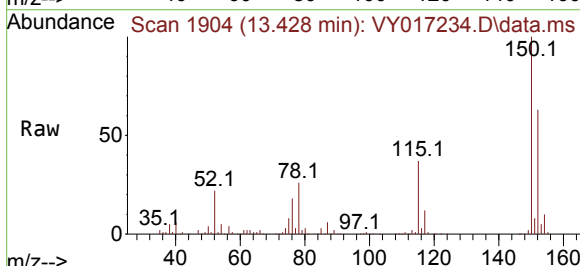
Tgt Ion:152 Resp: 67429

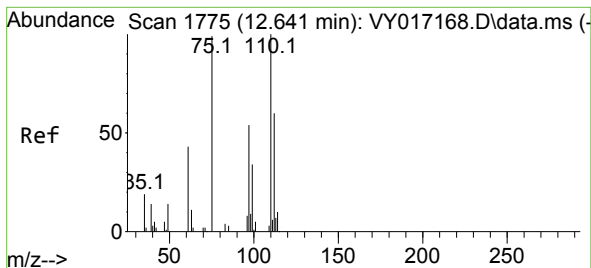
Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 158.3 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 42.590 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.158 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

Instrument :

MSVOA_Y

ClientSampleId :

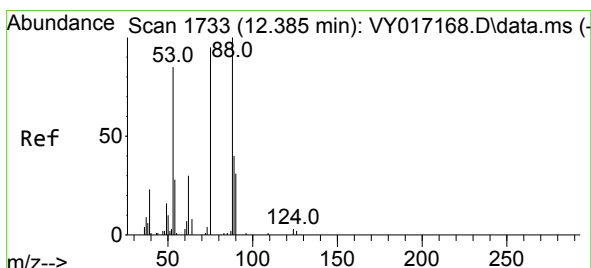
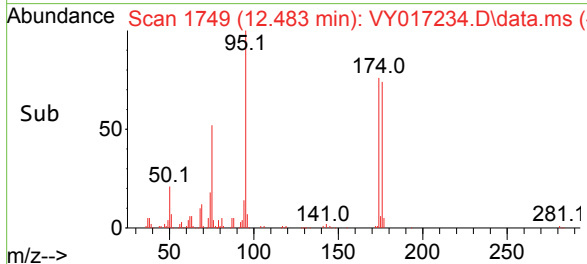
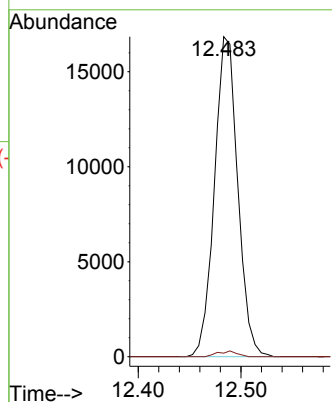
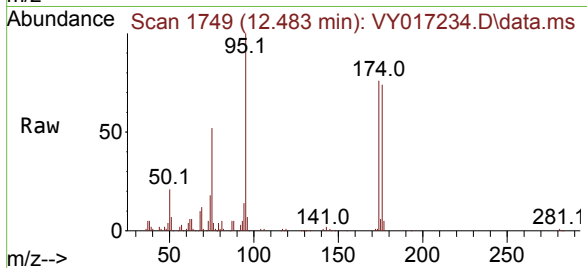
WC-1-VOC

Tgt Ion: 75 Resp: 26506

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.495 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.098 min

Lab File: VY017234.D

Acq: 05 Feb 2024 17:14

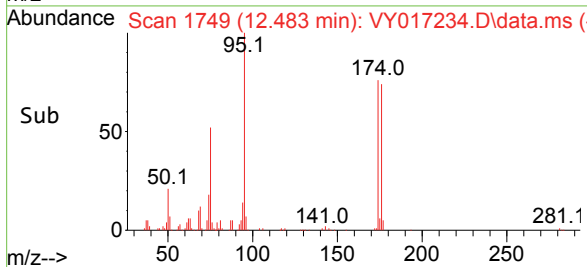
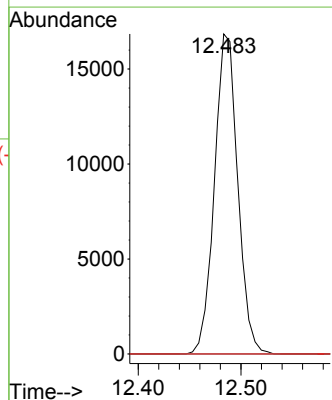
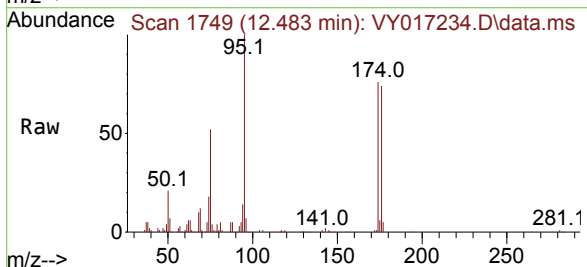
Tgt Ion: 75 Resp: 26506

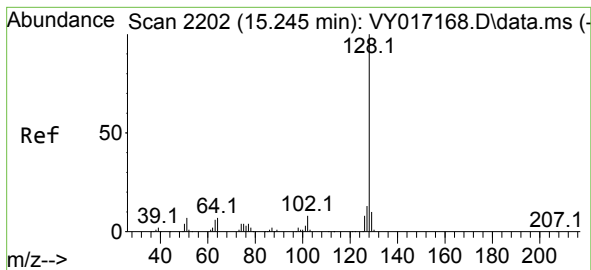
Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

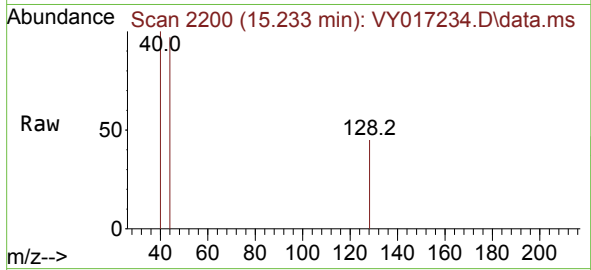
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 3.467 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY017234.D
 Acq: 05 Feb 2024 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC



Tgt Ion:128 Resp: 85
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.2 15.4#
 129 0.0 8.6 12.8#

