

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017233.D
 Acq On : 05 Feb 2024 16:50
 Operator : SY/MD
 Sample : P1362-11
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC

Quant Time: Feb 06 01:02:01 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)

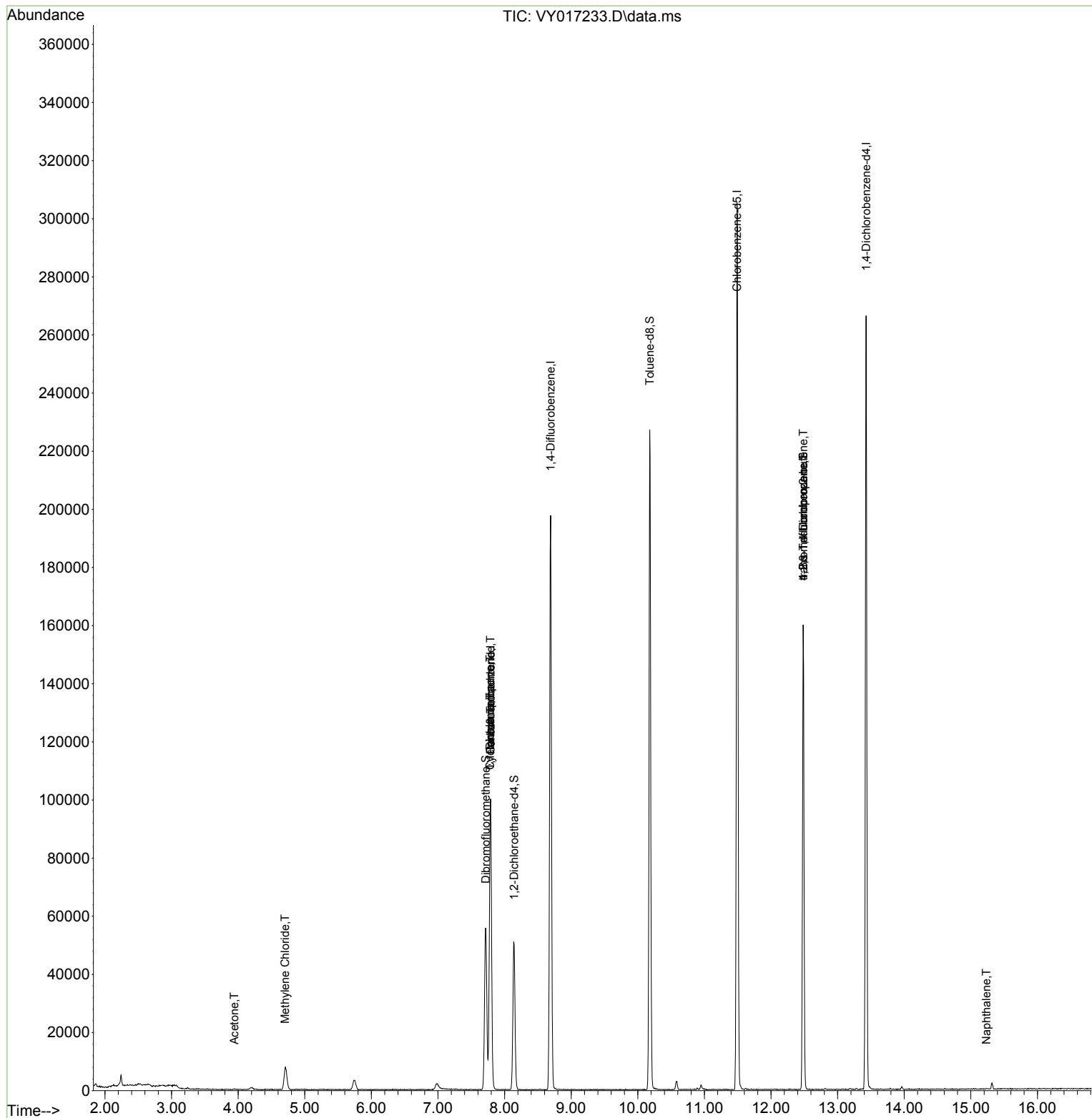
Internal Standards						
1) Pentafluorobenzene	7.789	168	78317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171262	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	65092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37988	54.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.600%	
35) Dibromofluoromethane	7.716	113	40618	44.477	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.960%	
50) Toluene-d8	10.179	98	148524	44.668	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 89.340%	
62) 4-Bromofluorobenzene	12.483	95	49043	45.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	67	Below Cal	#	75
16) Acetone	3.942	43	263	1.279	ug/l #	41
20) Methylene Chloride	4.704	84	6047	3.954	ug/l #	80
31) Cyclohexane	7.783	56	1692	1.200	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6657	4.226	ug/l #	50
38) Carbon Tetrachloride	7.789	117	7628	5.057	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	25215	41.970	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25215	87.208	ug/l #	12
95) Naphthalene	15.233	128	205	3.533	ug/l #	69

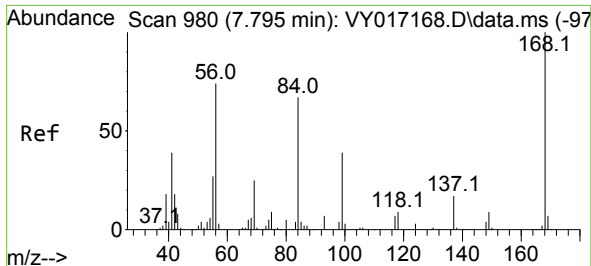
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

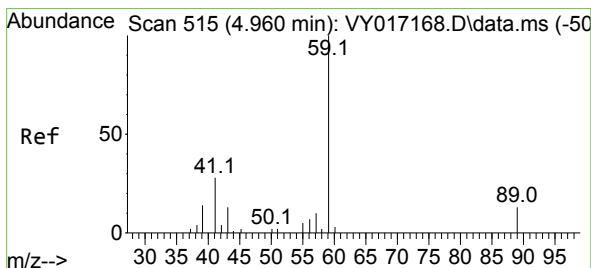
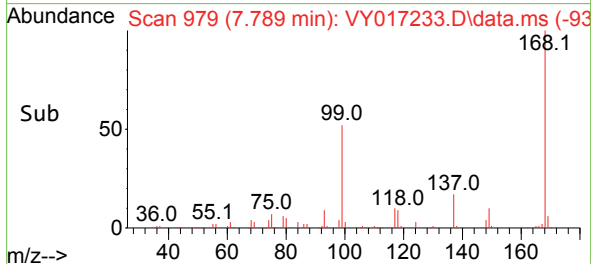
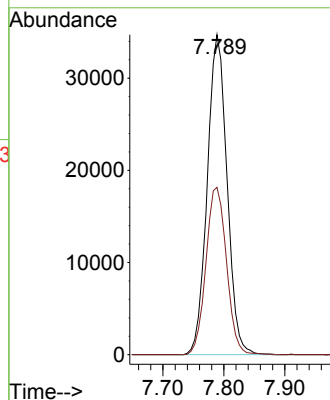
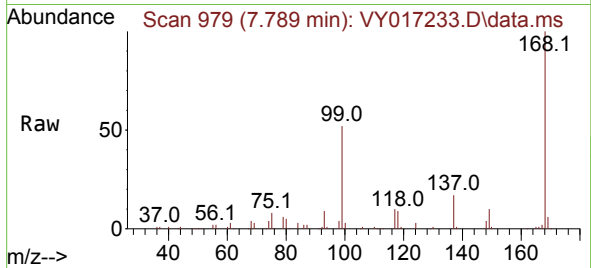




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

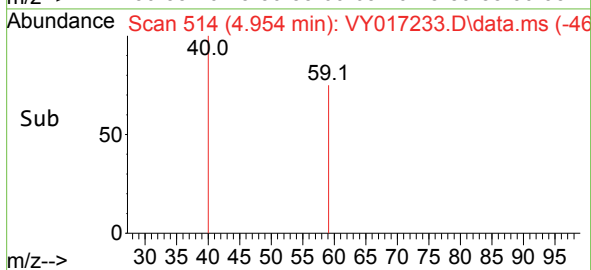
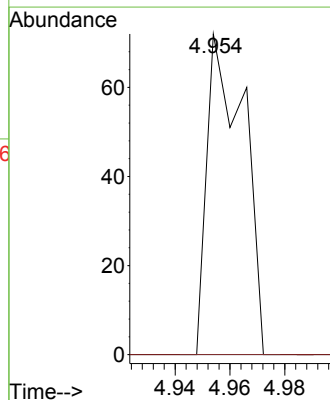
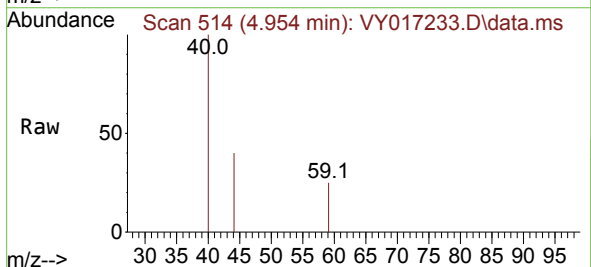
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

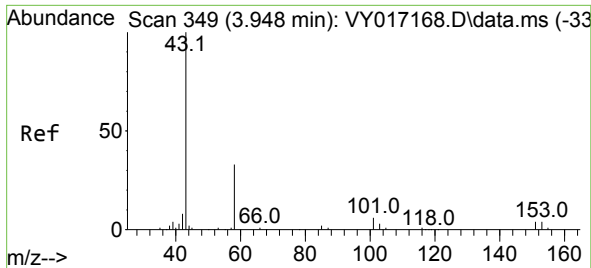
Tgt Ion:168 Resp: 78317
Ion Ratio Lower Upper
168 100
99 52.3 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 1.279 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

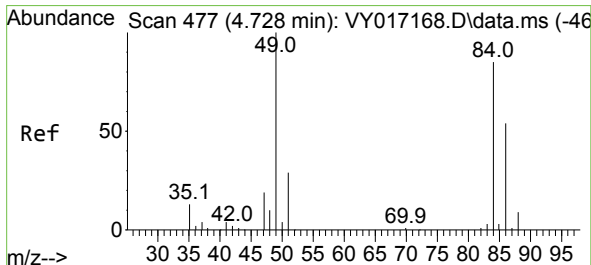
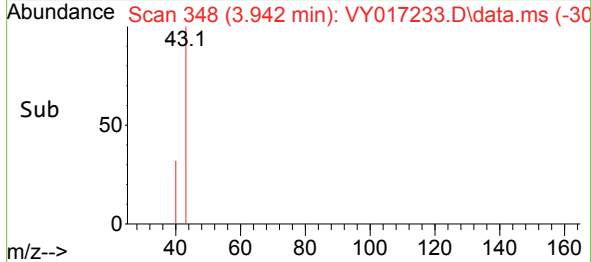
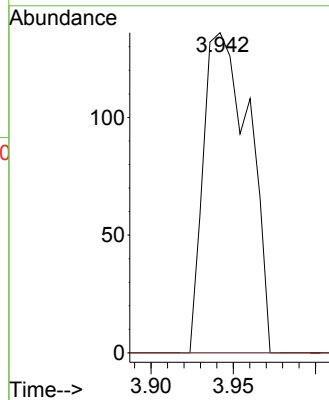
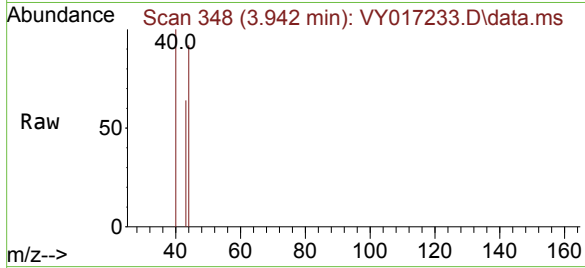
WC-3-VOC

Tgt Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 3.954 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.024 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

Tgt Ion: 84 Resp: 6047

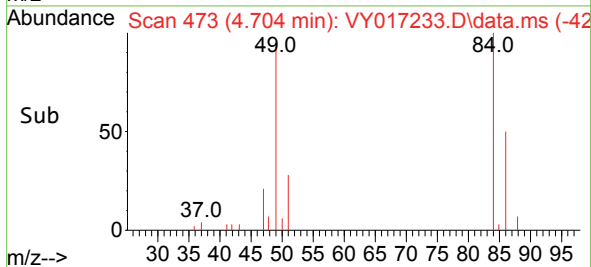
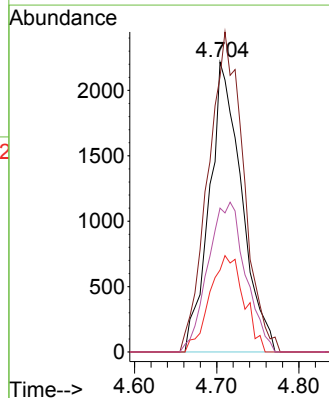
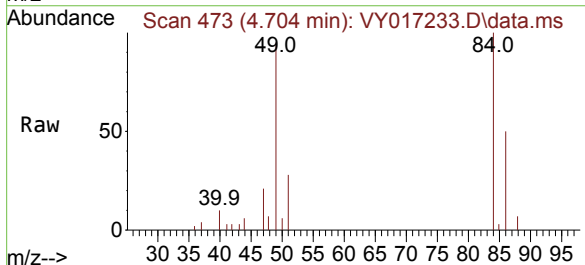
Ion Ratio Lower Upper

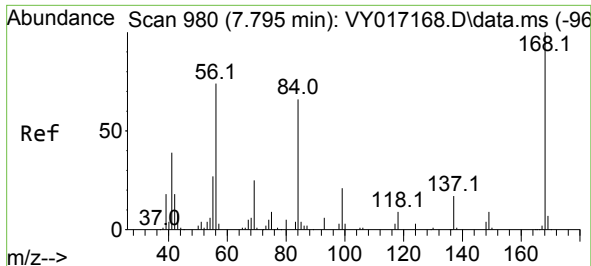
84 100

49 95.0 95.2 142.8#

51 28.3 29.9 44.9#

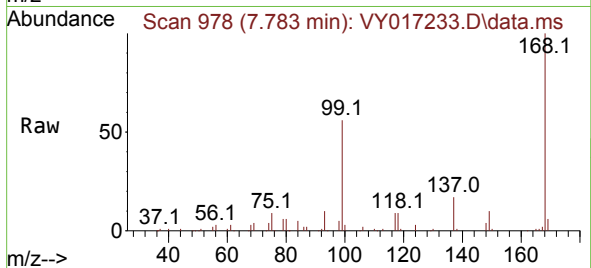
86 49.6 52.2 78.4#



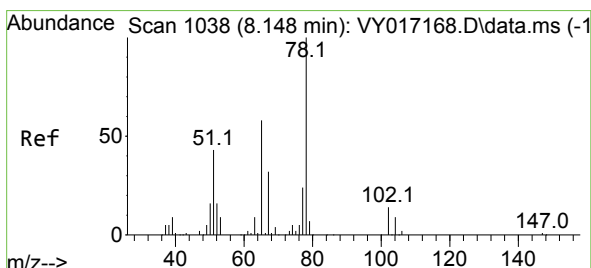
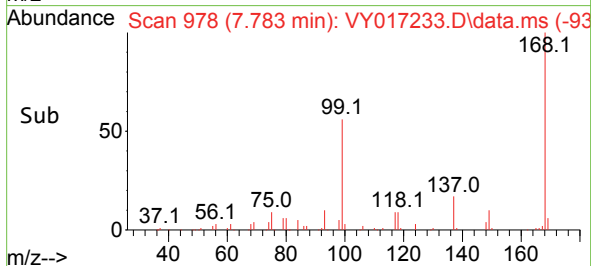
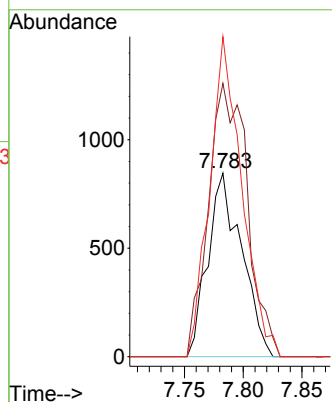


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

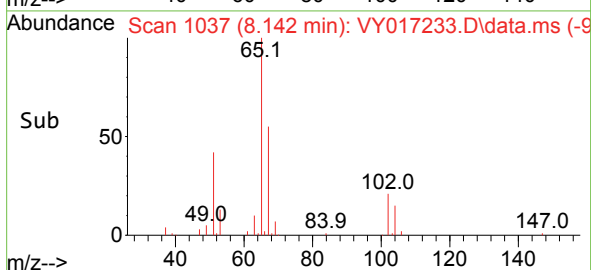
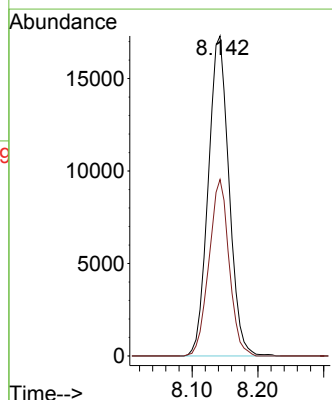
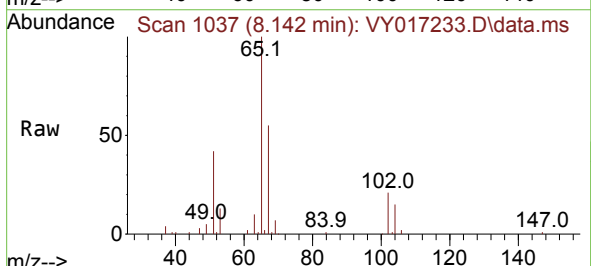


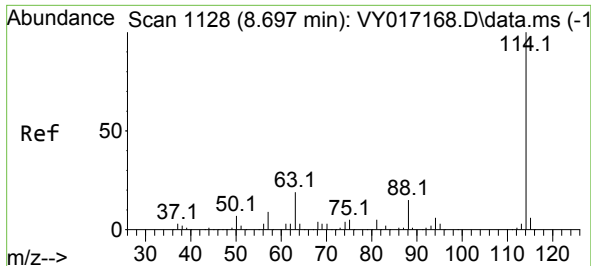
Tgt Ion: 56 Resp: 1692
Ion Ratio Lower Upper
56 100
69 148.9 27.0 40.6#
84 174.3 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 54.297 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

Tgt Ion: 65 Resp: 37988
Ion Ratio Lower Upper
65 100
67 53.5 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: VY017233.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC

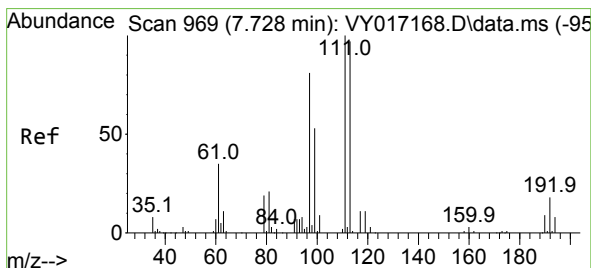
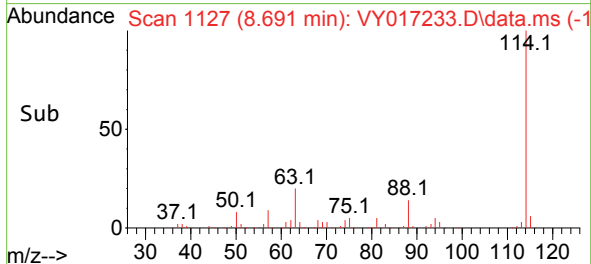
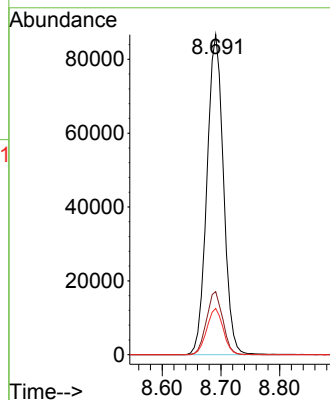
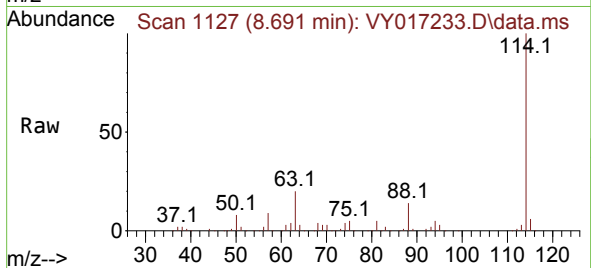
Tgt Ion:114 Resp: 169139

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.477 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

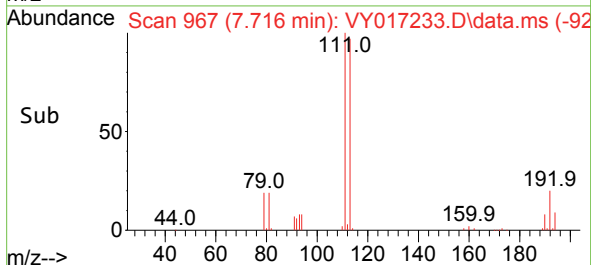
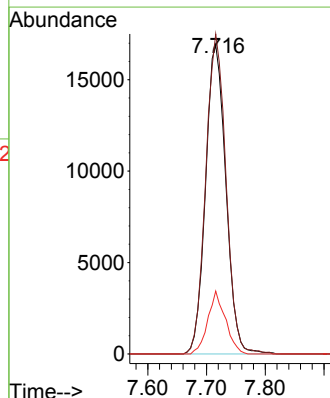
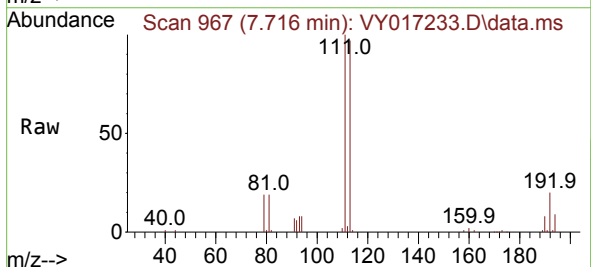
Tgt Ion:113 Resp: 40618

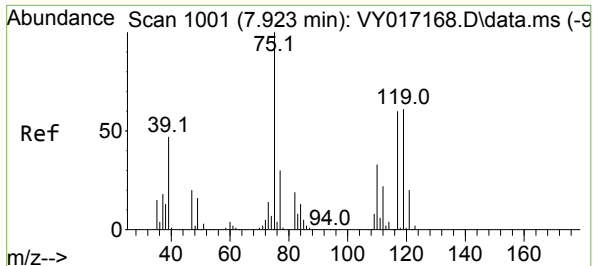
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.7 14.5 21.7

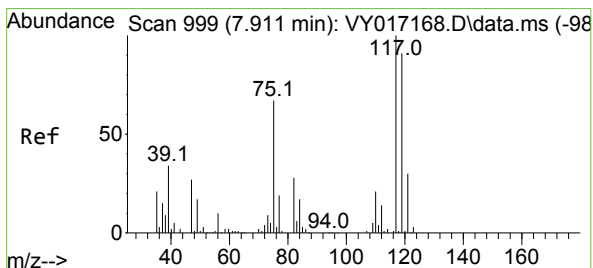
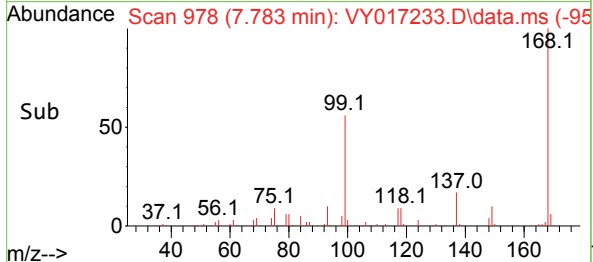
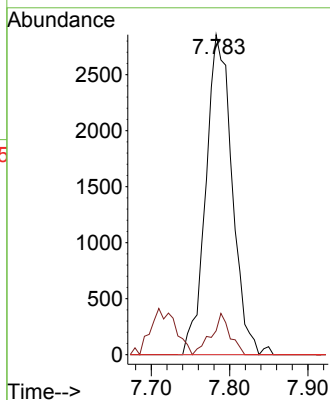
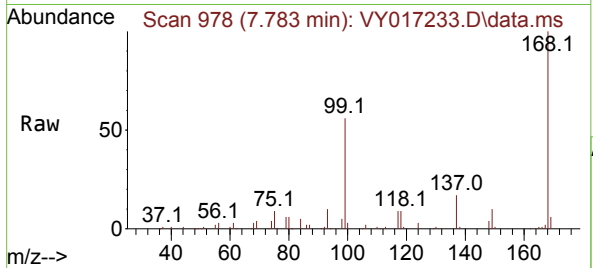




#36
1,1-Dichloropropene
Concen: 4.226 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

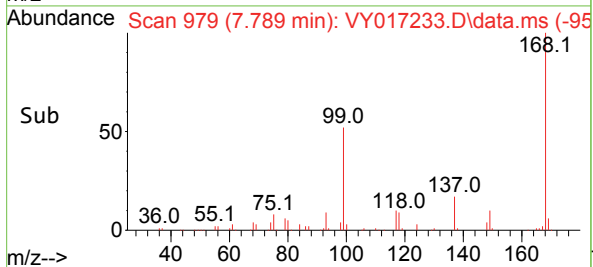
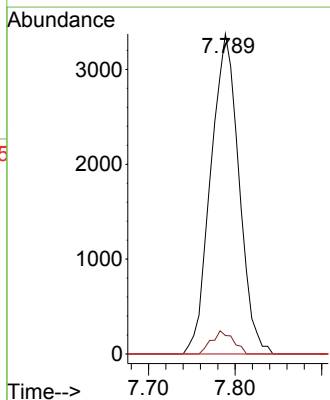
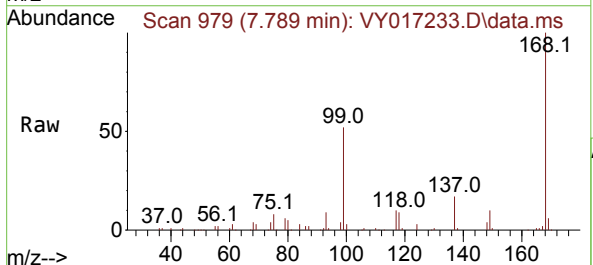
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

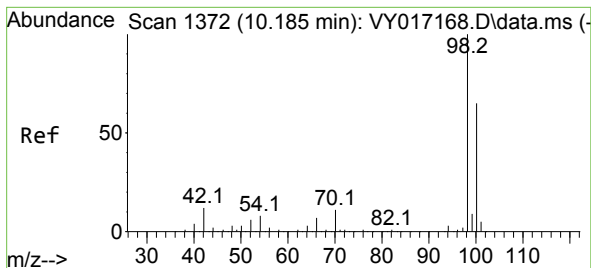
Tgt Ion: 75 Resp: 6657
Ion Ratio Lower Upper
75 100
110 9.1 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.057 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

Tgt Ion: 117 Resp: 7628
Ion Ratio Lower Upper
117 100
119 5.7 76.0 114.0#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 44.668 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

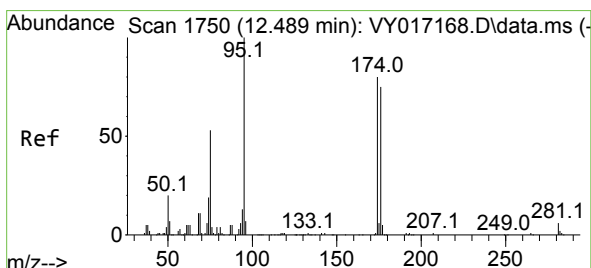
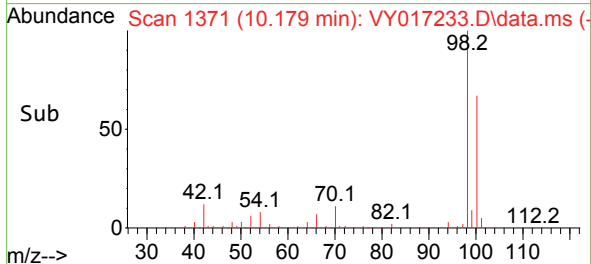
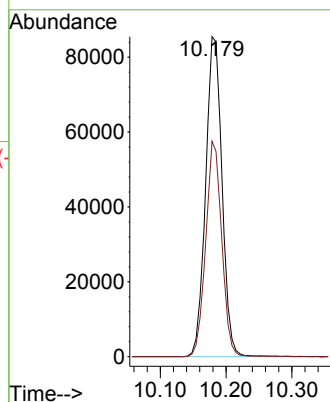
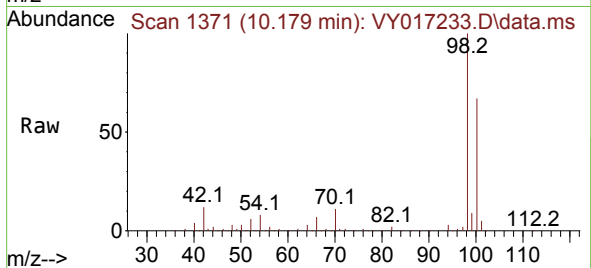
WC-3-VOC

Tgt Ion: 98 Resp: 148524

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.026 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

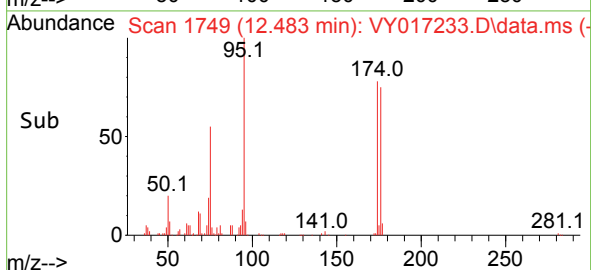
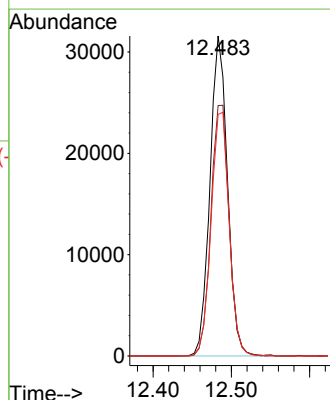
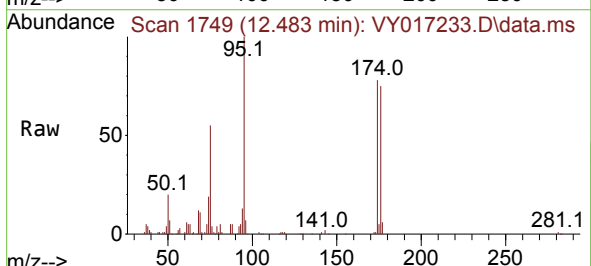
Tgt Ion: 95 Resp: 49043

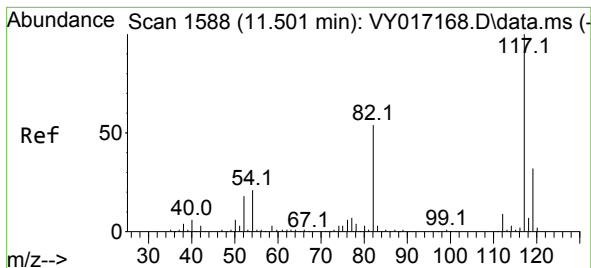
Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

176 78.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017233.D

Acq: 05 Feb 2024 16:50

Instrument :

MSVOA_Y

ClientSampleId :

WC-3-VOC

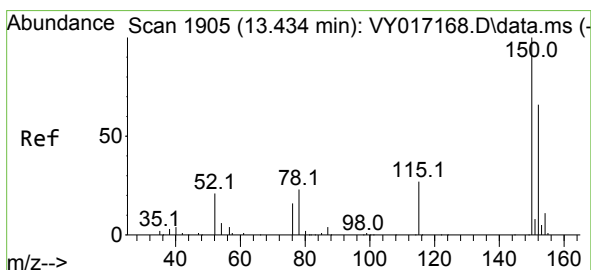
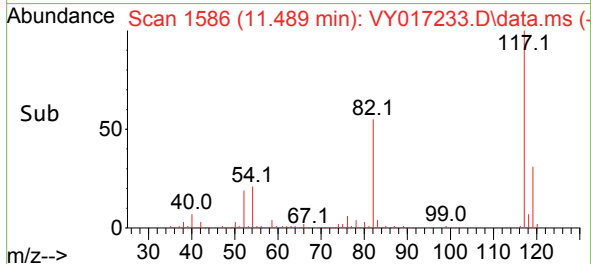
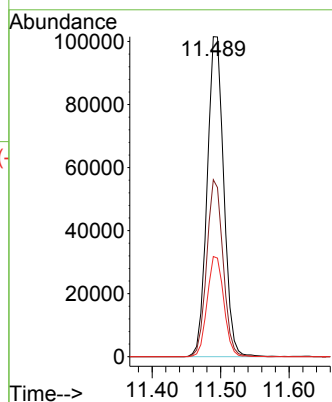
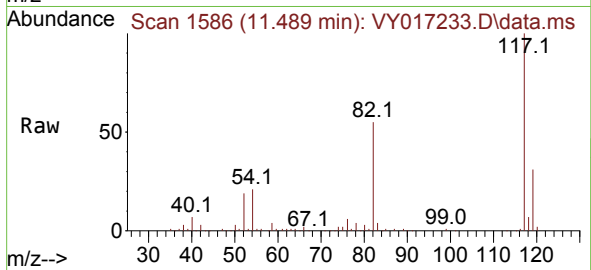
Tgt Ion:117 Resp: 171262

Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

119 31.3 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: VY017233.D

Acq: 05 Feb 2024 16:50

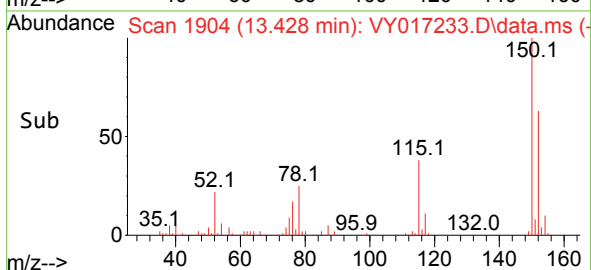
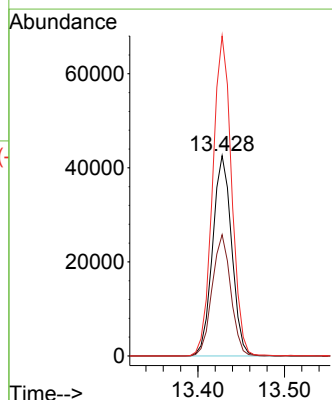
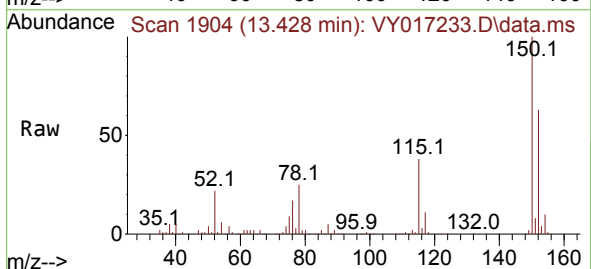
Tgt Ion:152 Resp: 65092

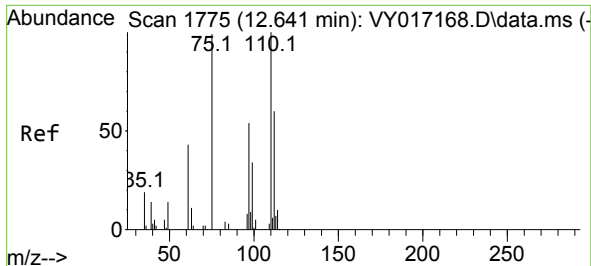
Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 158.7 0.0 344.6

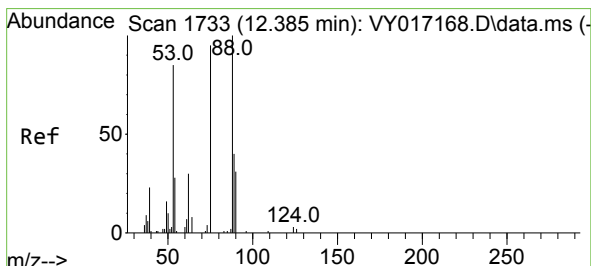
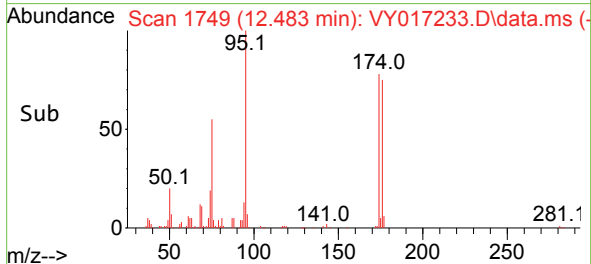
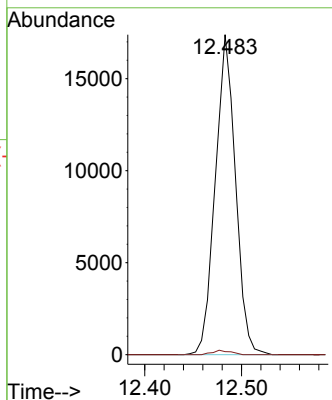
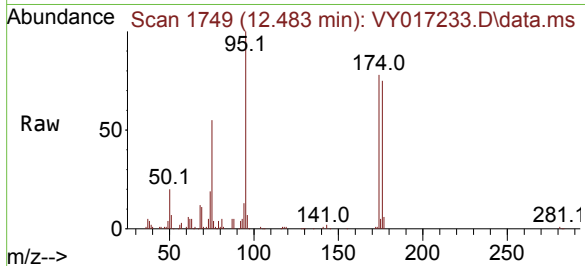




#76
1,2,3-Trichloropropane
Concen: 41.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.158 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

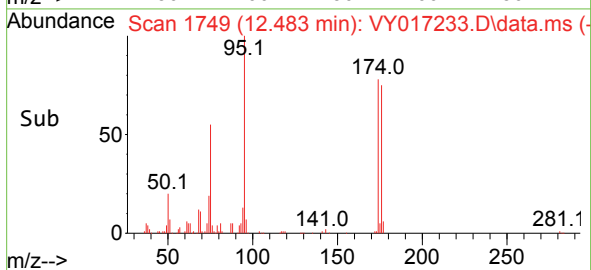
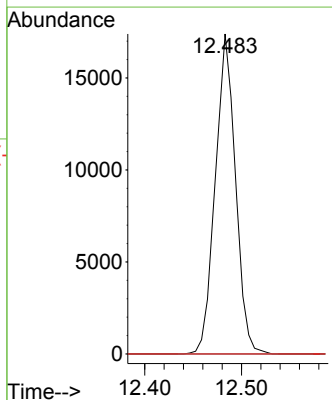
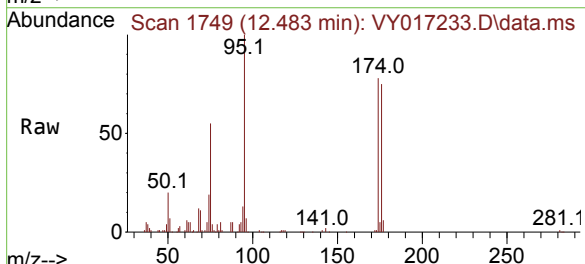
Instrument :
MSVOA_Y
ClientSampleId :
WC-3-VOC

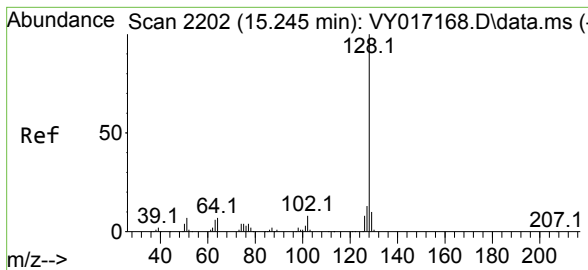
Tgt Ion: 75 Resp: 25215
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017233.D
Acq: 05 Feb 2024 16:50

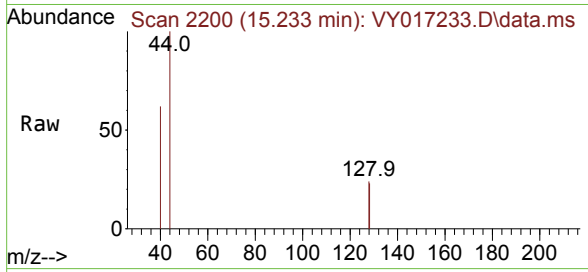
Tgt Ion: 75 Resp: 25215
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#





#95
 Naphthalene
 Concen: 3.533 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY017233.D
 Acq: 05 Feb 2024 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-3-VOC



Tgt Ion:	128	Resp:	205
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#

