

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060823\
 Data File : VW031438.D
 Acq On : 08 Jun 2023 10:46
 Operator : SY/MD
 Sample : 02992-09DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C11DL

Quant Time: Jun 09 05:09:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 09 05:07:24 2023
 Response via : Initial Calibration

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

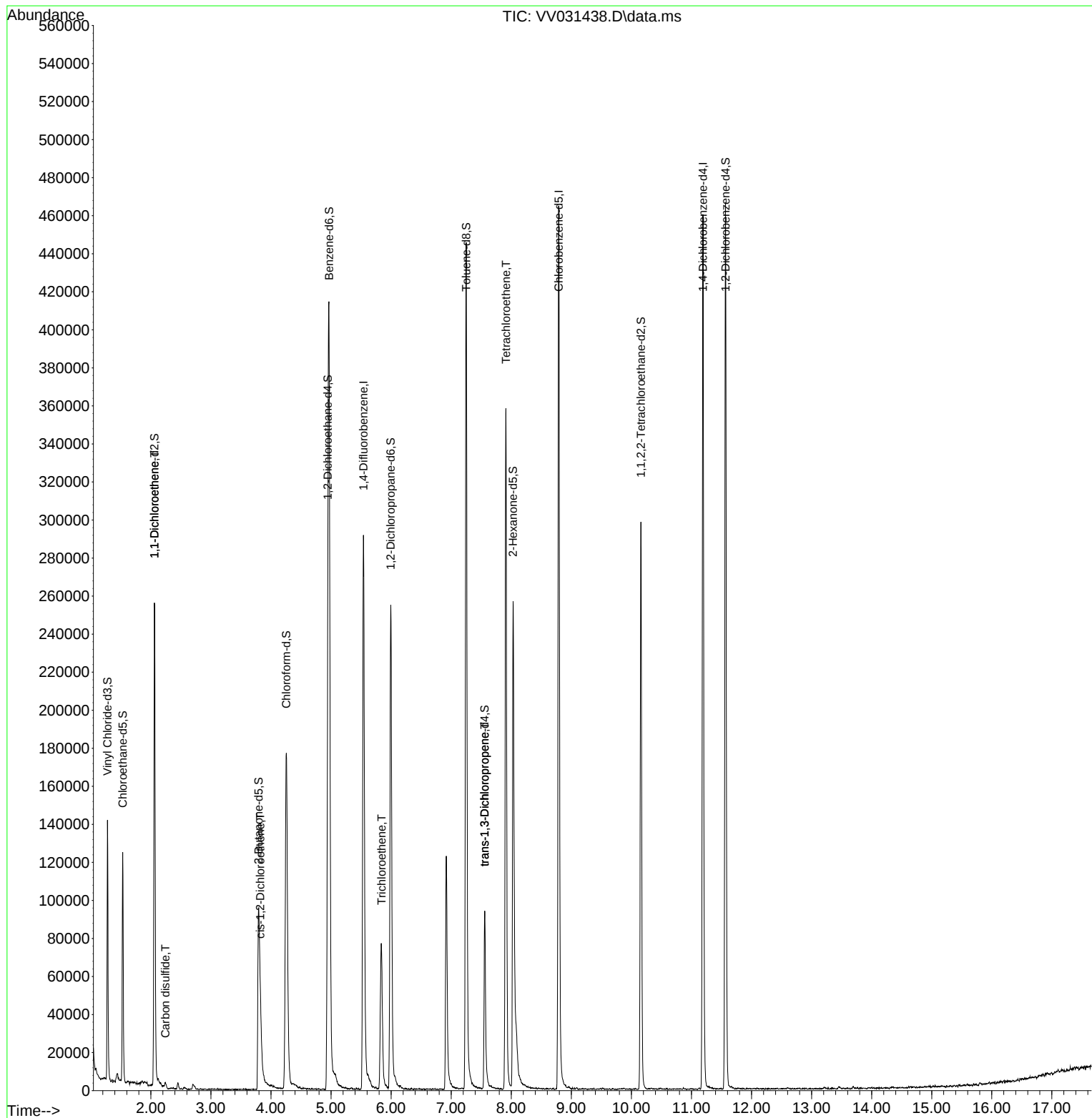
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	239494	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	241679	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	118153	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	89788	42.611	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.220%		
7) Chloroethane-d5	1.532	69	78244	45.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.720%		
11) 1,1-Dichloroethene-d2	2.060	65	45108	45.168	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.340%		
21) 2-Butanone-d5	3.793	46	148105	97.257	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.260%		
24) Chloroform-d	4.256	84	191924	47.883	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.760%		
26) 1,2-Dichloroethane-d4	4.947	65	132427	49.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.500%		
32) Benzene-d6	4.966	84	340928	47.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.560%		
36) 1,2-Dichloropropane-d6	5.992	67	122154	49.252	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.500%		
41) Toluene-d8	7.249	98	295615	45.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.200%		
43) trans-1,3-Dichloroprop...	7.558	79	56308	45.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.140%		
47) 2-Hexanone-d5	8.031	63	79724	85.346	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.350%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	144134	46.049	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.100%		
66) 1,2-Dichlorobenzene-d4	11.567	152	117187	53.466	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.940%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.060	96	1400	1.465	ug/L #	1
14) Carbon disulfide	2.243	76	1786	2.185	ug/L #	88
20) cis-1,2-Dichloroethene	3.822	96	5825	3.955	ug/L	91
34) Trichloroethene	5.841	95	20596	12.259	ug/L	98
44) trans-1,3-Dichloropropene	7.558	75	2641	0.908	ug/L #	78
46) Tetrachloroethene	7.912	164	78079	71.587	ug/L	97

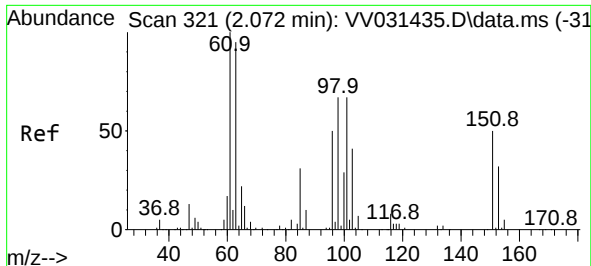
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM060723WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 09 05:07:24 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.465 ug/L

RT: 2.060 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV031438.D

Acq: 08 Jun 2023 10:46

Instrument :

MSVOA_V

ClientSampleId :

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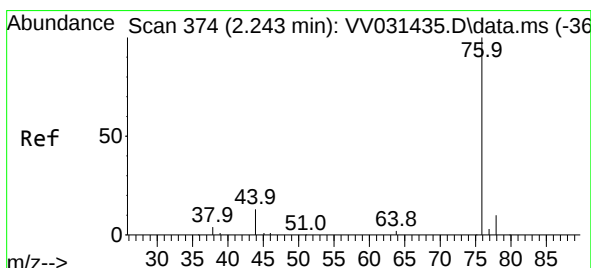
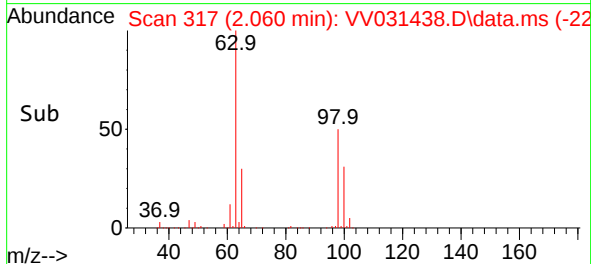
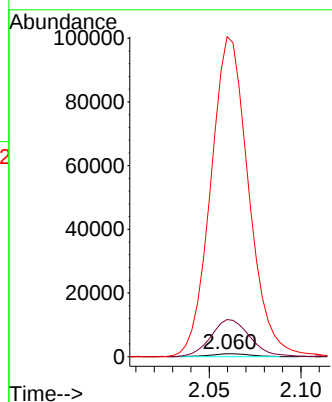
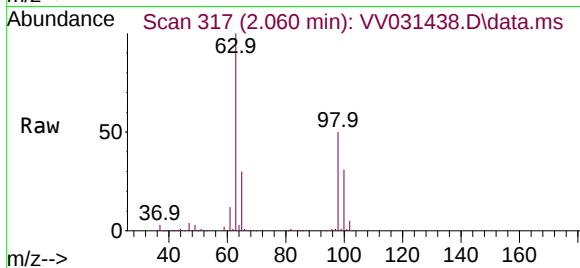
Tgt Ion: 96 Resp: 1400

Ion Ratio Lower Upper

96 100

61 1266.5 143.9 267.3#

63 10923.5 158.3 293.9#



#14

Carbon disulfide

Concen: 2.185 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV031438.D

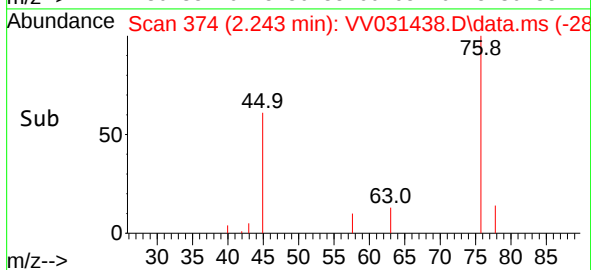
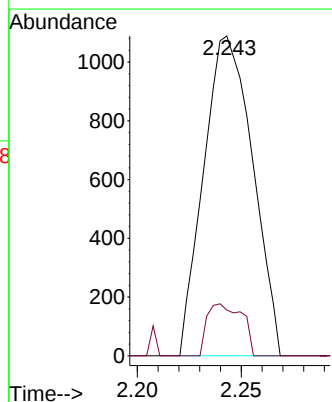
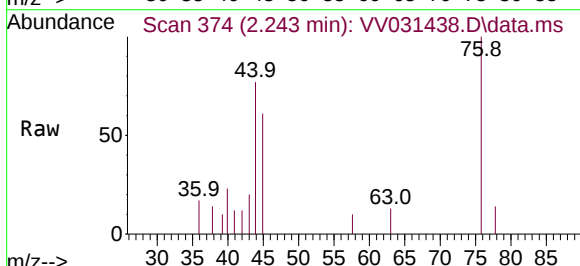
Acq: 08 Jun 2023 10:46

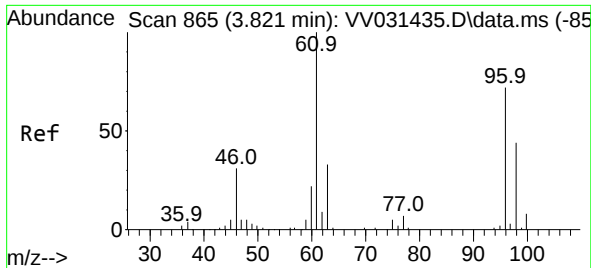
Tgt Ion: 76 Resp: 1786

Ion Ratio Lower Upper

76 100

78 14.3 7.9 11.9#

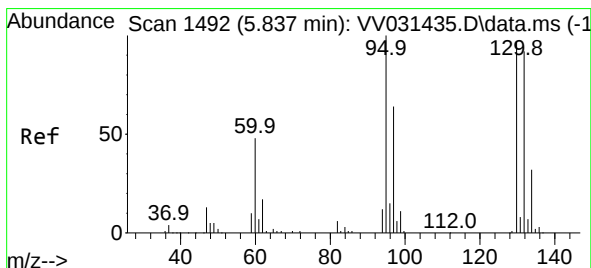
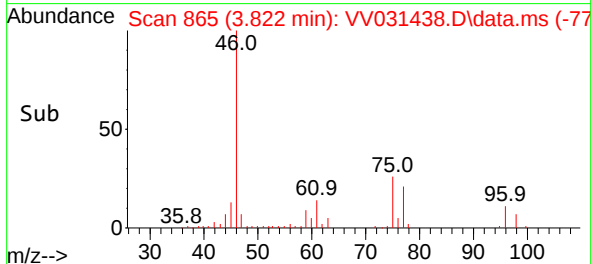
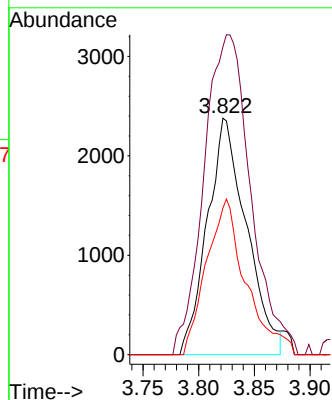
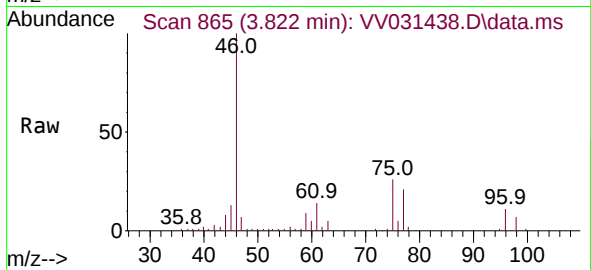




#20
cis-1,2-Dichloroethene
Concen: 3.955 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.000 min
Lab File: VV031438.D
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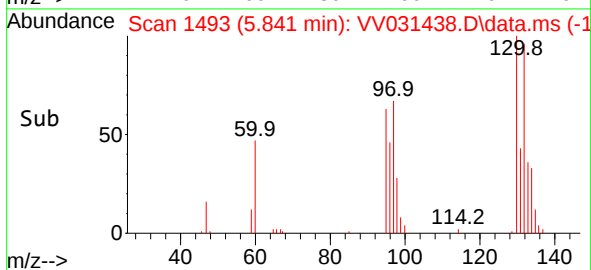
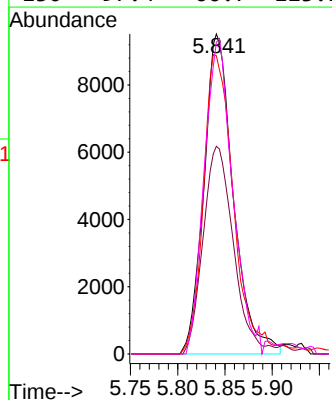
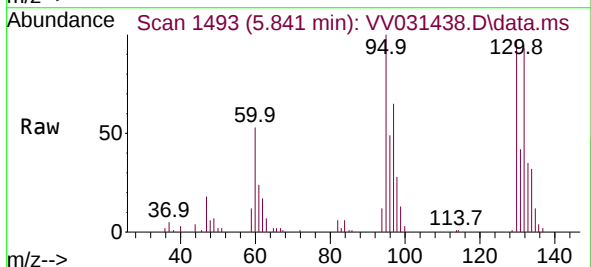
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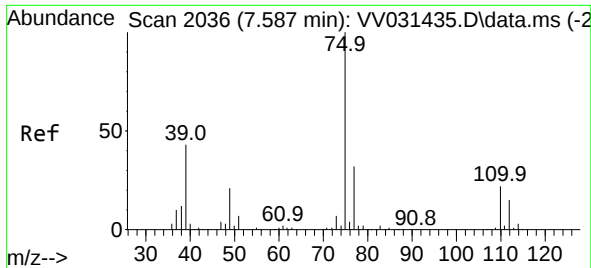
Tgt Ion: 96 Resp: 5825
Ion Ratio Lower Upper
96 100
61 130.2 101.6 188.6
98 62.0 44.4 82.4



#34
Trichloroethene
Concen: 12.259 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031438.D
Acq: 08 Jun 2023 10:46

Tgt Ion: 95 Resp: 20596
Ion Ratio Lower Upper
95 100
97 64.9 44.2 82.0
132 93.2 64.2 119.2
130 97.4 66.7 123.9

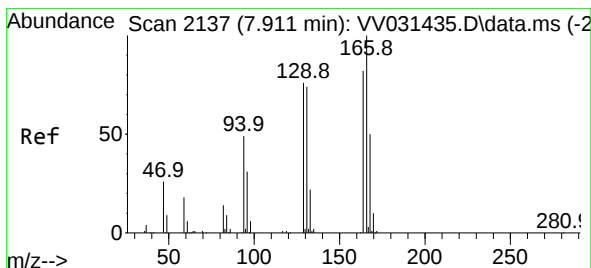
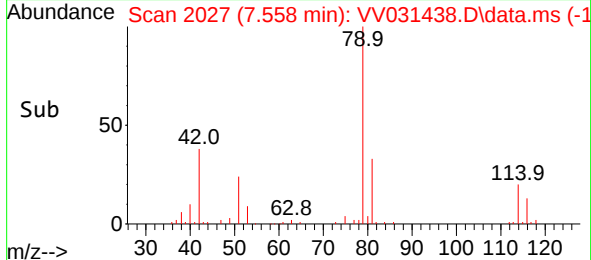
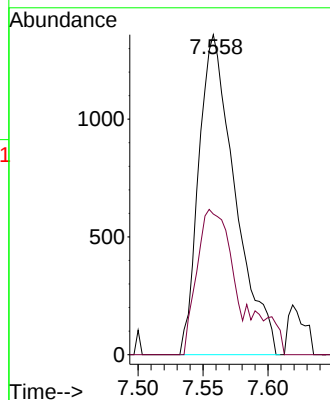
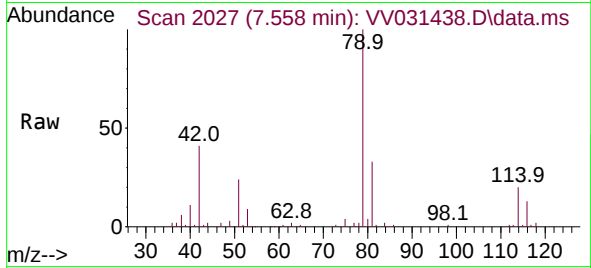




#44
trans-1,3-Dichloropropene
Concen: 0.908 ug/L
RT: 7.558 min Scan# 2036
Delta R.T. -0.029 min
Lab File: VV031438.D
Acq: 08 Jun 2023 10:46

Instrument :
MSVOA_V
ClientSampleId :
F6C11DL

Tgt Ion: 75 Resp: 2641
Ion Ratio Lower Upper
75 100
77 43.9 22.2 41.2#



#46
Tetrachloroethene
Concen: 71.587 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031438.D
Acq: 08 Jun 2023 10:46

Tgt Ion:164 Resp: 78079
Ion Ratio Lower Upper
164 100
129 93.4 68.0 126.4
131 92.3 65.5 121.7
166 125.3 90.5 168.1

