

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029594.D
 Acq On : 12 Dec 2022 14:41
 Operator : SY/MD
 Sample : N5920-05DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EJ4DL

Quant Time: Dec 13 03:38:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 03:35:01 2022
 Response via : Initial Calibration

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

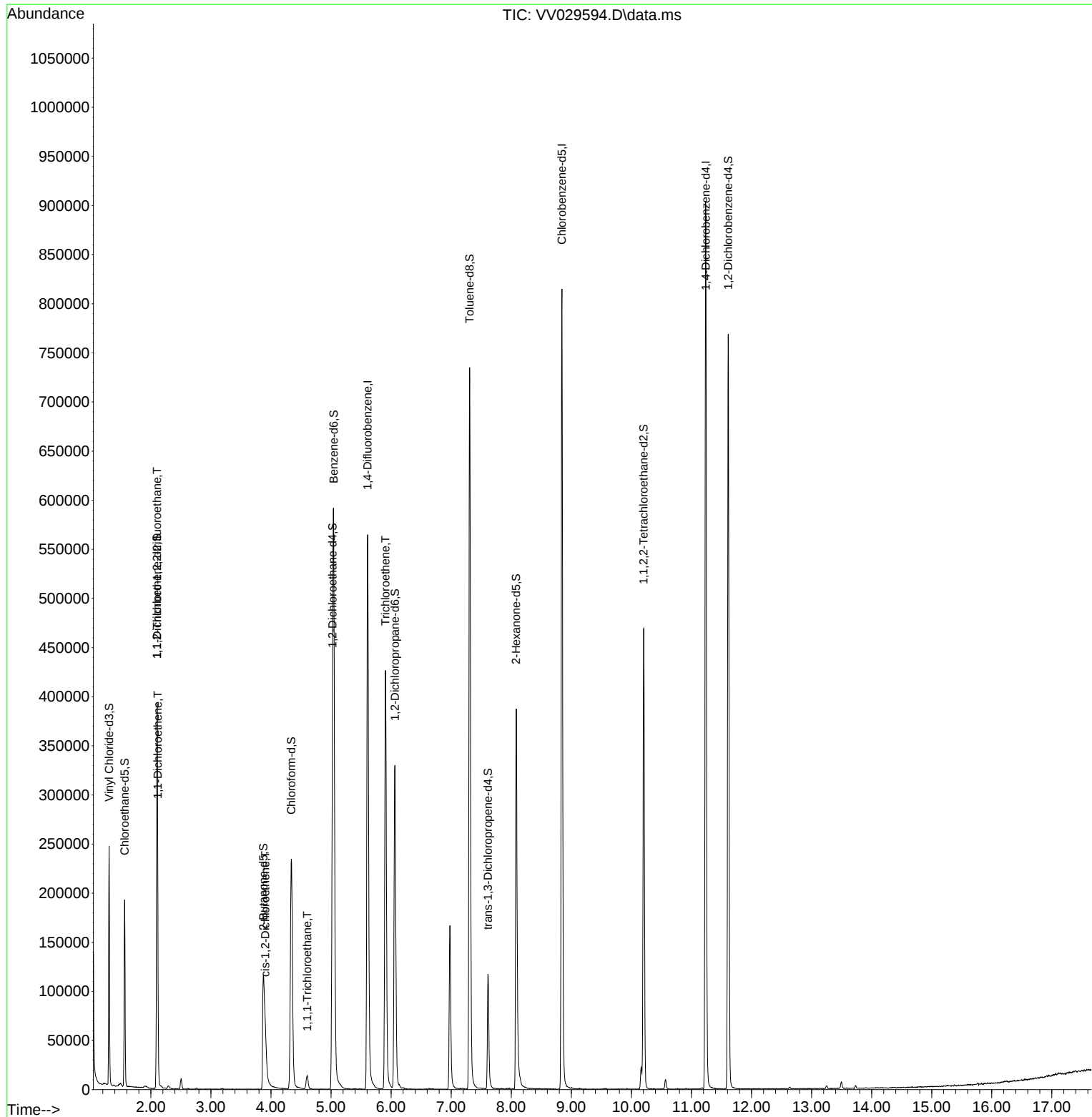
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	518665	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	474919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	250758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	152586	48.042	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	96.080%		
7) Chloroethane-d5	1.565	69	121571	50.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.400%		
11) 1,1-Dichloroethene-d2	2.105	63	195314	39.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.860%		
21) 2-Butanone-d5	3.873	46	173474	89.535	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.540%		
24) Chloroform-d	4.339	84	258633	43.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.540%		
26) 1,2-Dichloroethane-d4	5.024	65	154056	45.131	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.260%		
32) Benzene-d6	5.043	84	573216	45.678	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
36) 1,2-Dichloropropane-d6	6.063	67	173790	45.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.680%		
41) Toluene-d8	7.307	98	518700	43.869	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.740%		
43) trans-1,3-Dichloroprop...	7.612	79	72197	37.300	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.600%		
47) 2-Hexanone-d5	8.082	63	150793	92.125	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.120%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	236002	43.086	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.180%		
66) 1,2-Dichlorobenzene-d4	11.612	152	206885	43.341	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.680%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	2094	0.772	ug/L #	18
12) 1,1-Dichloroethene	2.114	96	10346	3.732	ug/L #	1
20) cis-1,2-Dichloroethene	3.905	96	15115	4.303	ug/L	92
30) 1,1,1-Trichloroethane	4.603	97	11694	2.260	ug/L	98
34) Trichloroethene	5.905	95	157215	46.867	ug/L	98

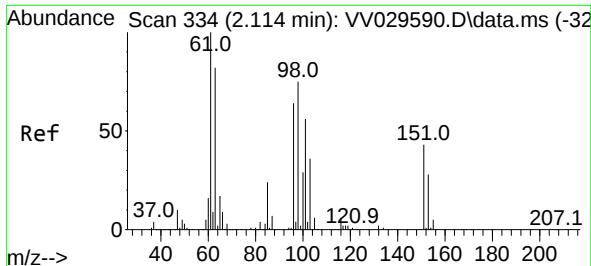
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.772 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV029594.D

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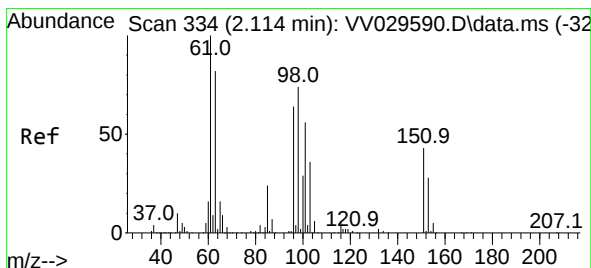
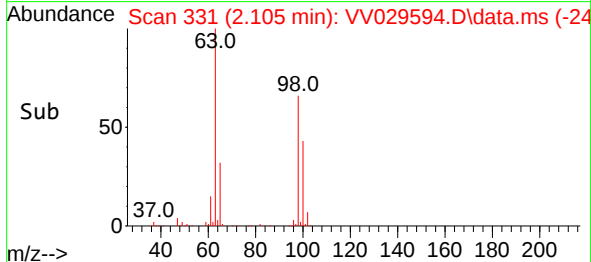
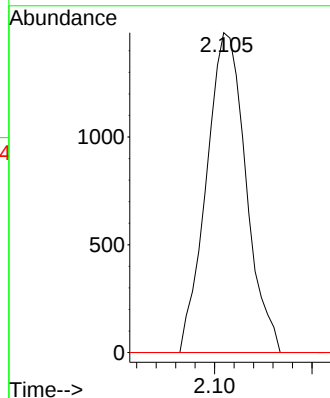
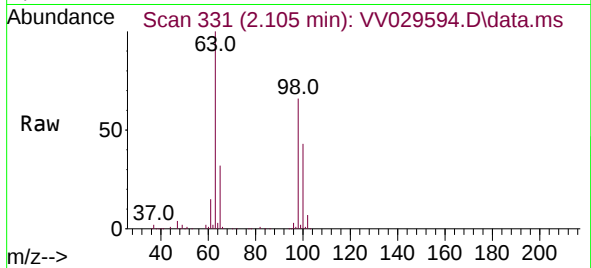
Tgt Ion:101 Resp: 2094

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 3.732 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029594.D

Acq: 12 Dec 2022 14:41

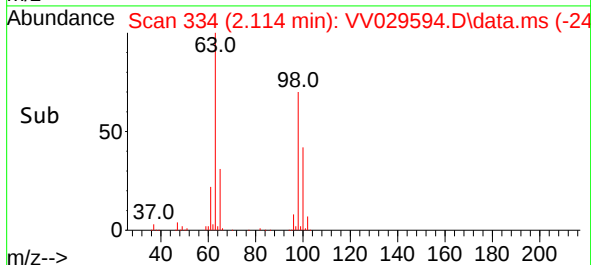
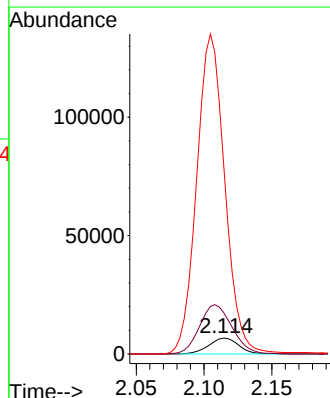
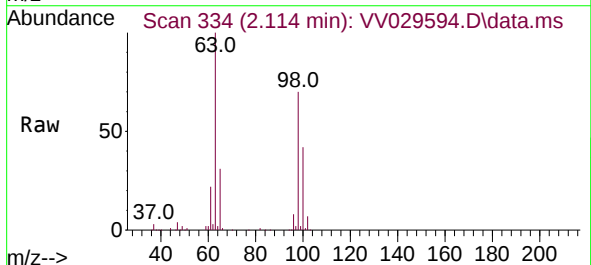
Tgt Ion: 96 Resp: 10346

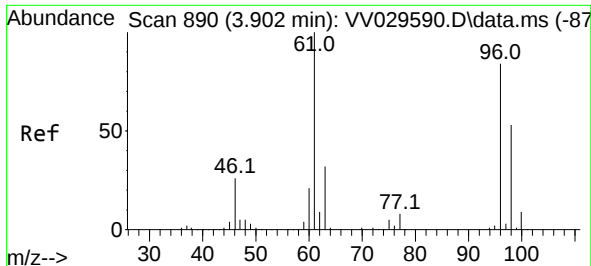
Ion Ratio Lower Upper

96 100

61 261.3 103.3 191.9#

63 1202.1 77.3 143.7#

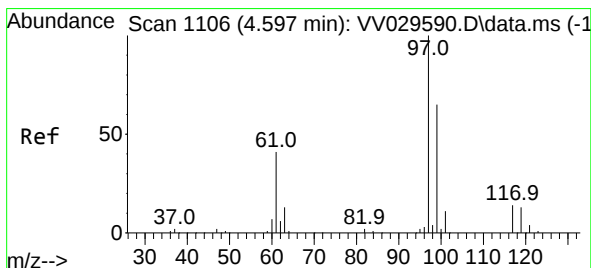
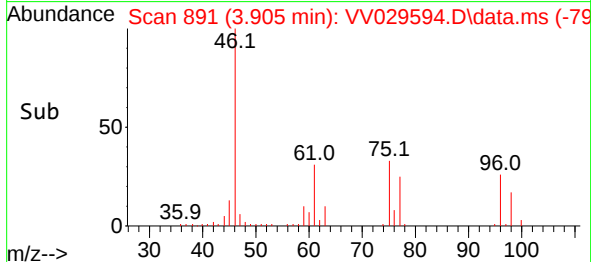
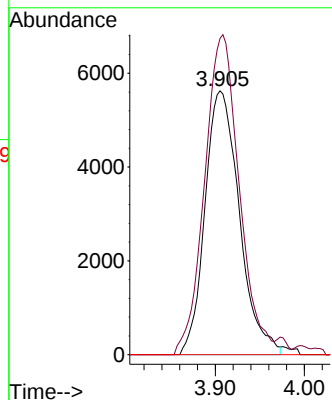
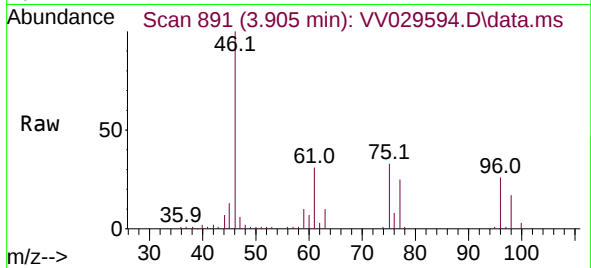




#20
 cis-1,2-Dichloroethene
 Concen: 4.303 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029594.D
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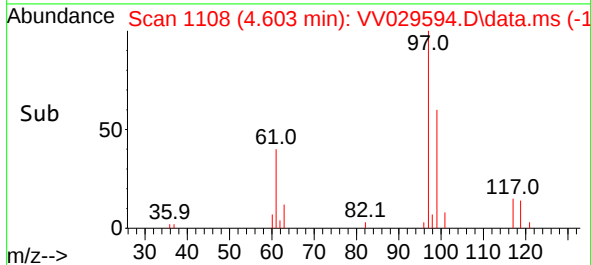
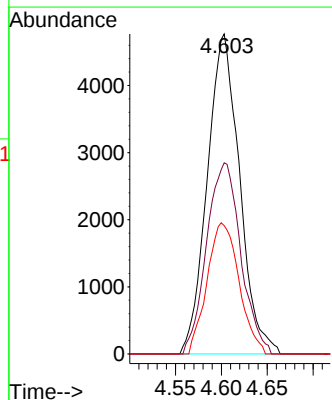
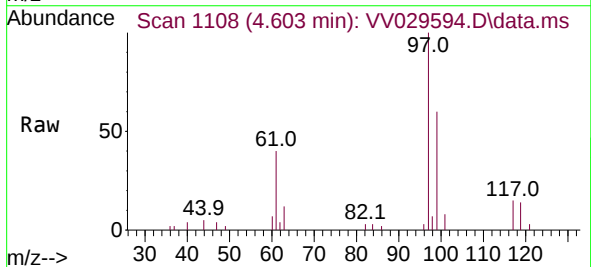
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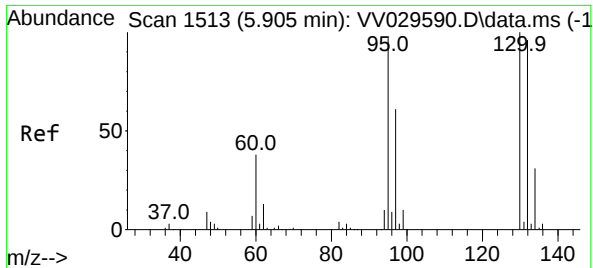
Tgt Ion: 96 Resp: 15115
 Ion Ratio Lower Upper
 96 100
 61 119.9 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 2.260 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.006 min
 Lab File: VV029594.D
 Acq: 12 Dec 2022 14:41

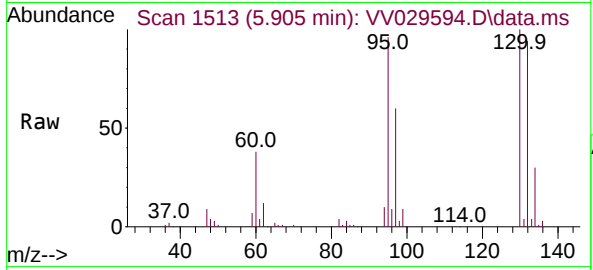
Tgt Ion: 97 Resp: 11694
 Ion Ratio Lower Upper
 97 100
 99 63.0 52.1 78.1
 61 40.5 31.8 47.8





#34
 Trichloroethene
 Concen: 46.867 ug/L
 RT: 5.905 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV029594.D
 Acq: 12 Dec 2022 14:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0EJ4DL



Tgt Ion: 95 Resp: 157215

Ion	Ratio	Lower	Upper
95	100		
97	62.6	44.0	81.8
132	97.2	69.9	129.9
130	103.6	73.7	136.9

