

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030684.D
 Acq On : 19 Apr 2023 23:22
 Operator : SY/MD
 Sample : 02411-03 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 06:51:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

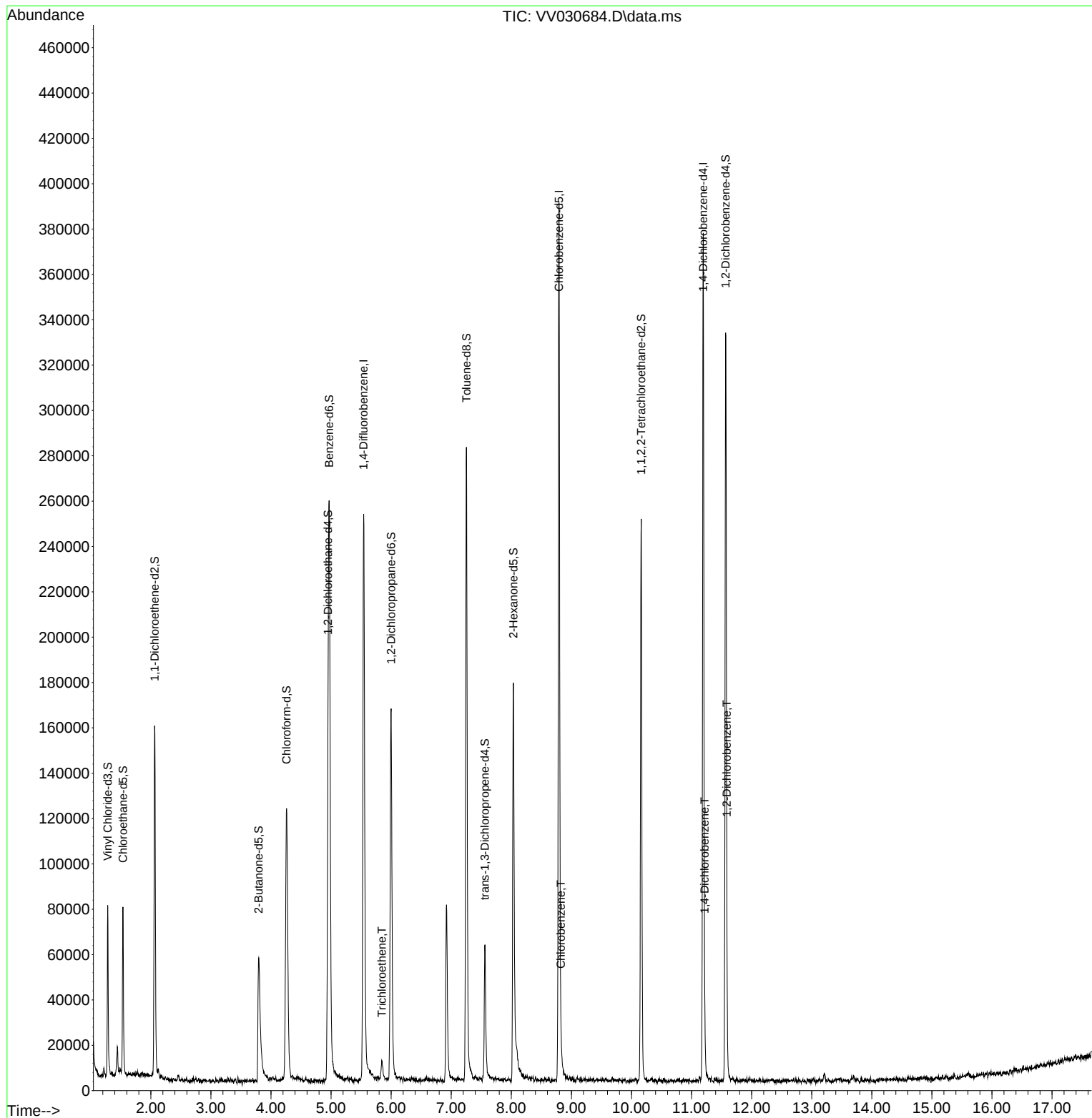
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	206247	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	202498	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	96570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	49500	32.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.480%
7) Chloroethane-d5	1.536	69	45243	35.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.420%
11) 1,1-Dichloroethene-d2	2.063	65	26409	36.832	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.660%
21) 2-Butanone-d5	3.796	46	91390	110.048	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.050%
24) Chloroform-d	4.259	84	125923	45.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	4.950	65	86131	48.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.780%
32) Benzene-d6	4.970	84	212148	44.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
36) 1,2-Dichloropropane-d6	5.998	67	72694	48.881	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.252	98	182091	40.509	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.020%
43) trans-1,3-Dichloroprop...	7.561	79	33153	44.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.460%
47) 2-Hexanone-d5	8.034	63	59284	101.193	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.190%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	108873	50.452	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.900%
66) 1,2-Dichlorobenzene-d4	11.567	152	83558	54.437	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.880%
Target Compounds						
					Qvalue	
34) Trichloroethene	5.847	95	2192	1.370	ug/L	92
51) Chlorobenzene	8.825	112	5135	1.177	ug/L	94
65) 1,4-Dichlorobenzene	11.217	146	3794	1.193	ug/L	94
67) 1,2-Dichlorobenzene	11.587	146	3285	1.080	ug/L #	81

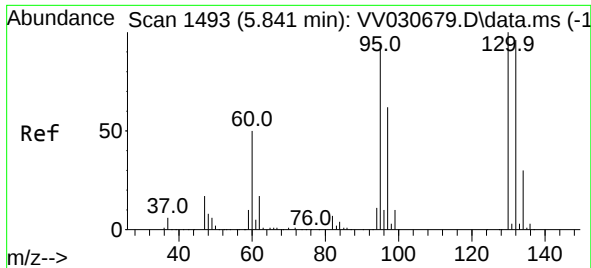
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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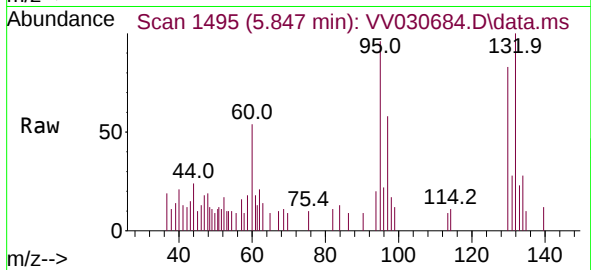
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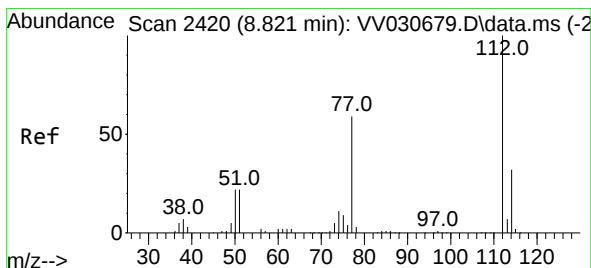
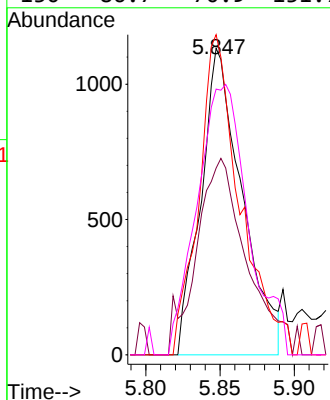
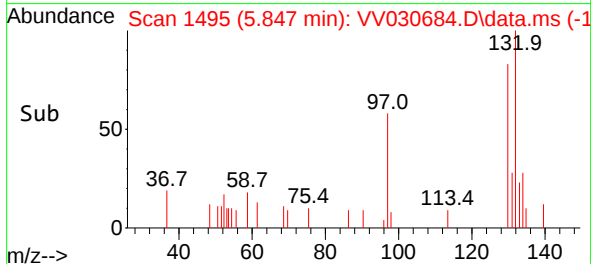


#34
Trichloroethene
Concen: 1.370 ug/L
RT: 5.847 min Scan# 1493
Delta R.T. 0.007 min
Lab File: VV030684.D
Acq: 19 Apr 2023 23:22

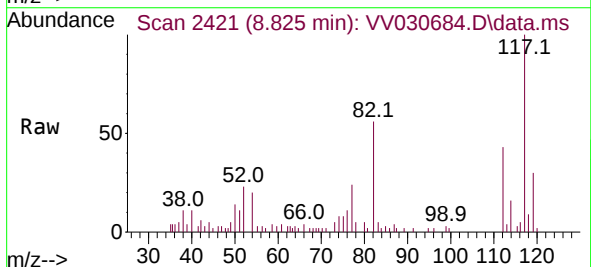
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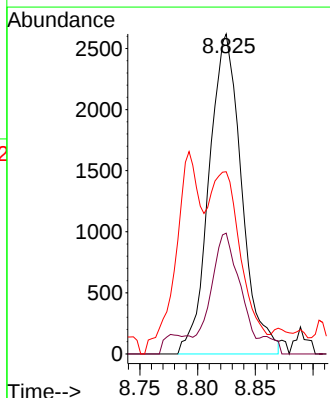
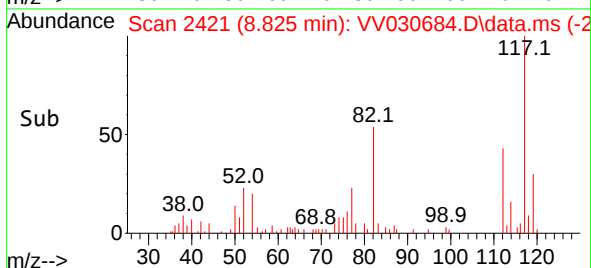
Tgt Ion	Ratio	Lower	Upper
95	100		
97	60.9	45.8	85.2
132	104.4	70.6	131.2
130	86.7	70.9	131.7

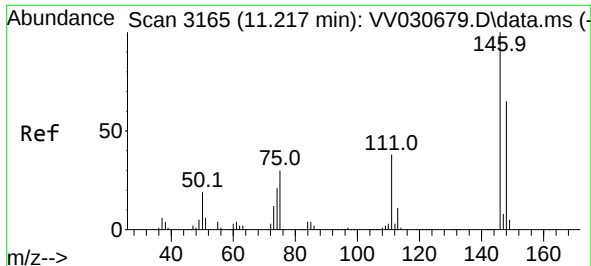


#51
Chlorobenzene
Concen: 1.177 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030684.D
Acq: 19 Apr 2023 23:22



Tgt Ion	Ratio	Lower	Upper
112	100		
114	37.7	22.4	41.6
77	56.9	47.4	71.0





#65

1,4-Dichlorobenzene

Concen: 1.193 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.000 min

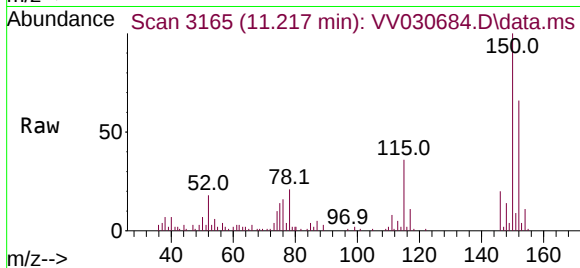
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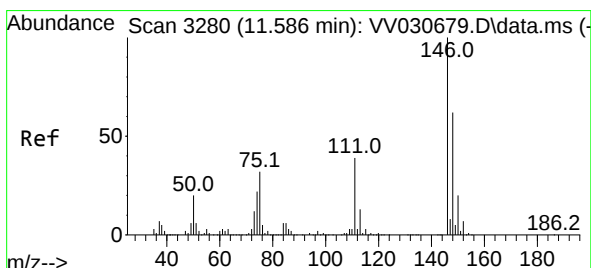
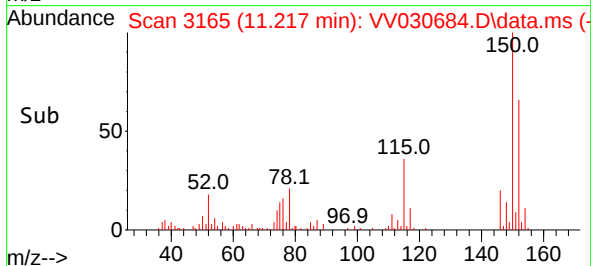
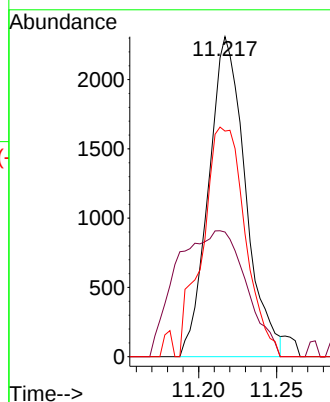
Tgt Ion:146 Resp: 3794

Ion Ratio Lower Upper

146 100

111 39.0 26.5 49.1

148 70.5 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 1.080 ug/L

RT: 11.587 min Scan# 3280

Delta R.T. 0.000 min

Lab File: VV030684.D

Acq: 19 Apr 2023 23:22

Tgt Ion:146 Resp: 3285

Ion Ratio Lower Upper

146 100

111 51.2 32.0 48.0#

148 78.8 50.6 76.0#

