

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052223\
 Data File : VV031154.D
 Acq On : 22 May 2023 10:37
 Operator : SY/MD
 Sample : 02866-06DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX81DL

Quant Time: May 23 04:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 23 04:42:12 2023
 Response via : Initial Calibration

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

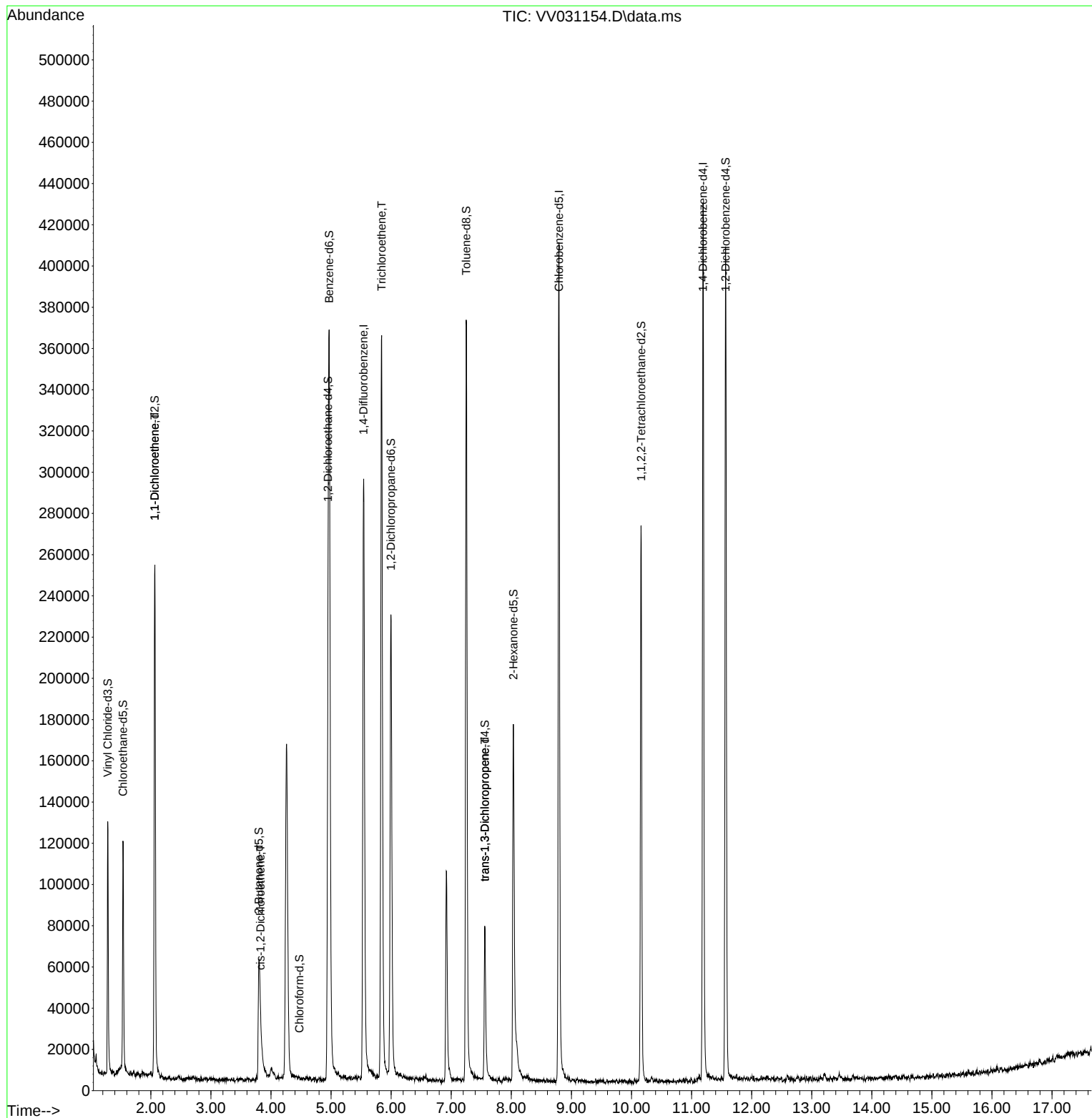
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	245016	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	214082	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	114048	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	82785	39.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.080%
7) Chloroethane-d5	1.536	69	73502	45.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.140%
11) 1,1-Dichloroethene-d2	2.066	65	41355	42.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.240%
21) 2-Butanone-d5	3.799	46	105293	94.369	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.370%
24) Chloroform-d	4.471	84	247	0.067	ug/L	0.22
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.140%#
26) 1,2-Dichloroethane-d4	4.950	65	121800	48.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
32) Benzene-d6	4.970	84	300183	51.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.440%
36) 1,2-Dichloropropane-d6	5.995	67	92420	53.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.440%
41) Toluene-d8	7.249	98	236686	43.696	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	7.558	79	40667	46.679	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
47) 2-Hexanone-d5	8.034	63	57893	85.508	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.510%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	112277	43.109	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.220%
66) 1,2-Dichlorobenzene-d4	11.567	152	104004	50.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.500%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	1612	1.184	ug/L #	1
20) cis-1,2-Dichloroethene	3.828	96	2285	1.473	ug/L	88
34) Trichloroethene	5.841	95	119195	86.735	ug/L	96
44) trans-1,3-Dichloropropene	7.558	75	2855	1.297	ug/L #	79

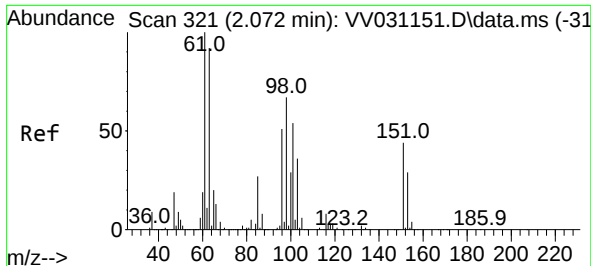
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 23 04:42:12 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.184 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.006 min

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Instrument :

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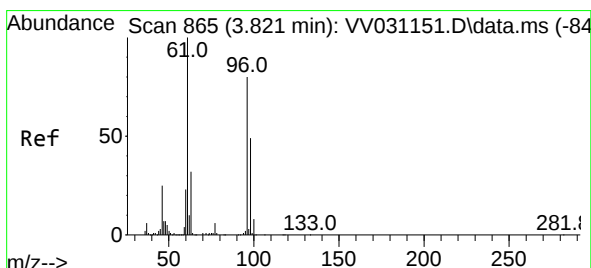
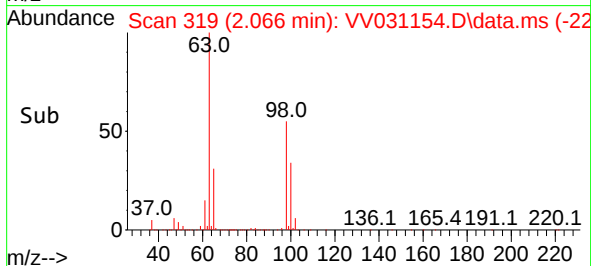
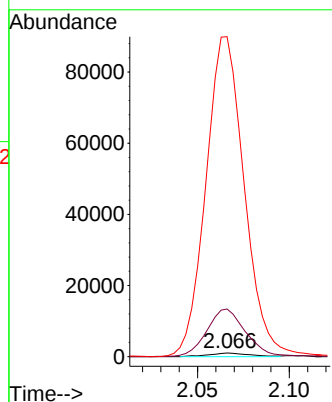
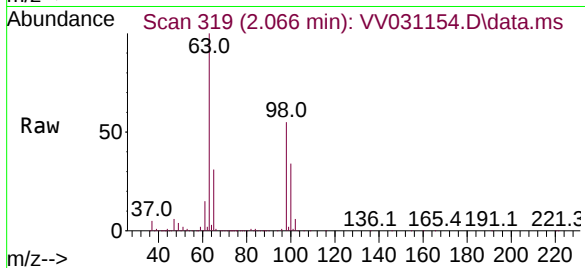
Tgt Ion: 96 Resp: 1612

Ion Ratio Lower Upper

96 100

61 1293.5 137.9 256.1#

63 8691.0 114.2 212.0#



#20

cis-1,2-Dichloroethene

Concen: 1.473 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.007 min

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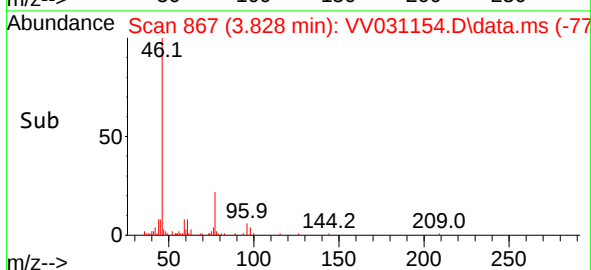
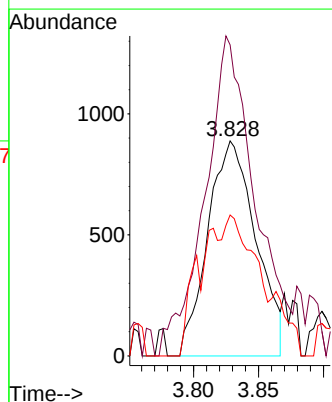
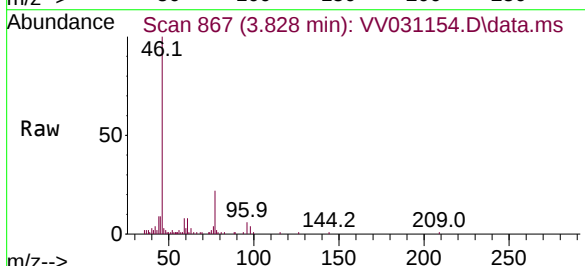
Tgt Ion: 96 Resp: 2285

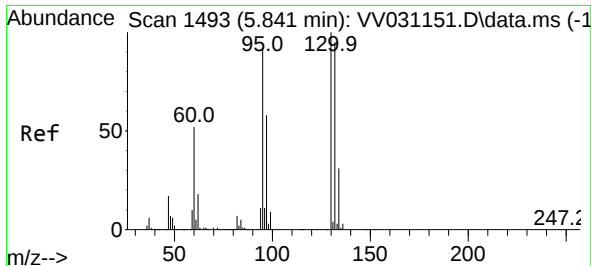
Ion Ratio Lower Upper

96 100

61 144.7 89.2 165.6

98 65.5 43.0 80.0

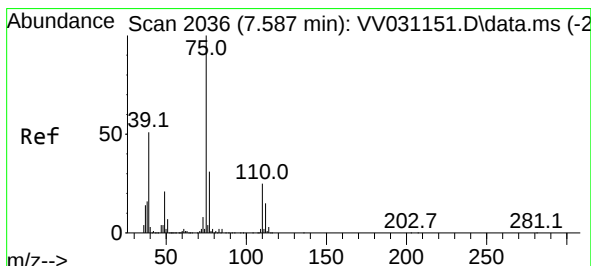
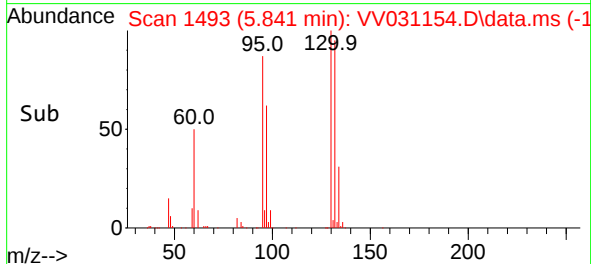
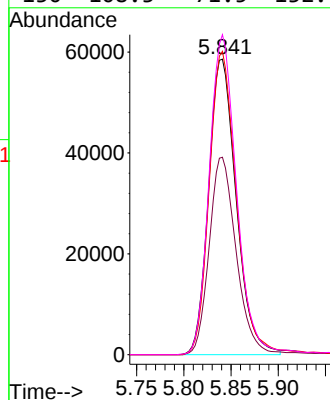
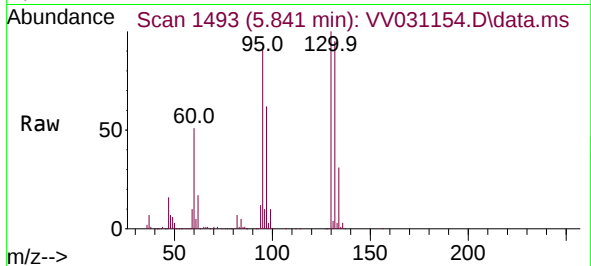




#34
Trichloroethene
Concen: 86.735 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.000 min
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Tgt Ion: 95 Resp: 119195
Ion Ratio Lower Upper
95 100
97 66.8 44.4 82.5
132 102.7 70.2 130.4
130 108.3 71.5 132.7



#44
trans-1,3-Dichloropropene
Concen: 1.297 ug/L
RT: 7.558 min Scan# 2027
Delta R.T. -0.029 min
Lab File: VV031154.D
Acq: 22 May 2023 10:37

Tgt Ion: 75 Resp: 2855
Ion Ratio Lower Upper
75 100
77 43.4 22.2 41.2#

