

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051923\
 Data File : VV031104.D
 Acq On : 19 May 2023 14:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK210

Quant Time: May 20 00:32:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

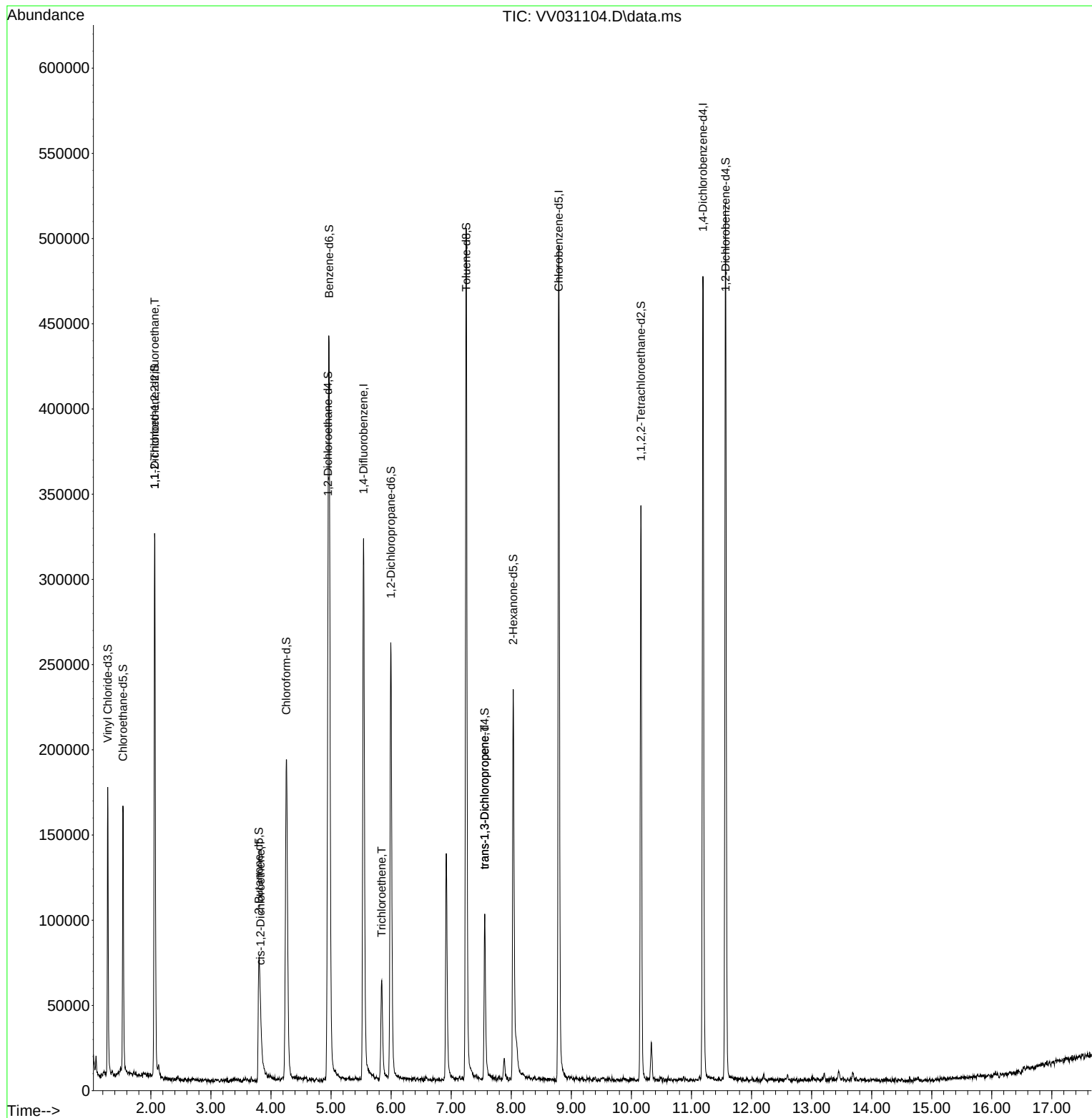
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	268412	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	256621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	125100	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	111373	48.552	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.100%		
7) Chloroethane-d5	1.535	69	92110	52.123	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.240%		
11) 1,1-Dichloroethene-d2	2.063	65	52195	48.522	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.040%		
21) 2-Butanone-d5	3.799	46	122320	100.074	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.070%		
24) Chloroform-d	4.256	84	193234	47.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.240%		
26) 1,2-Dichloroethane-d4	4.950	65	135264	49.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.660%		
32) Benzene-d6	4.966	84	363127	52.198	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.400%		
36) 1,2-Dichloropropane-d6	5.995	67	107681	51.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.460%		
41) Toluene-d8	7.249	98	318584	49.066	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.140%		
43) trans-1,3-Dichloroprop...	7.558	79	54800	52.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.940%		
47) 2-Hexanone-d5	8.034	63	76056	93.713	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.710%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	143591	45.993	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.980%		
66) 1,2-Dichlorobenzene-d4	11.567	152	126644	56.335	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.680%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	1968	1.120	ug/L #	24
20) cis-1,2-Dichloroethene	3.828	96	4860	2.860	ug/L	93
34) Trichloroethene	5.841	95	19750	11.989	ug/L	96
44) trans-1,3-Dichloropropene	7.558	75	3346	1.268	ug/L #	80

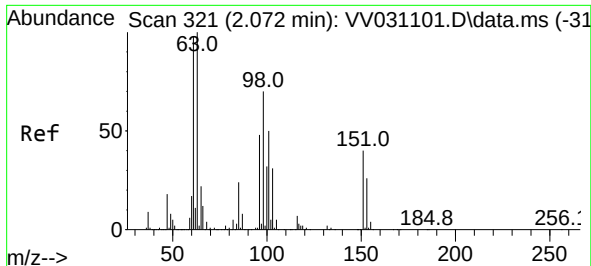
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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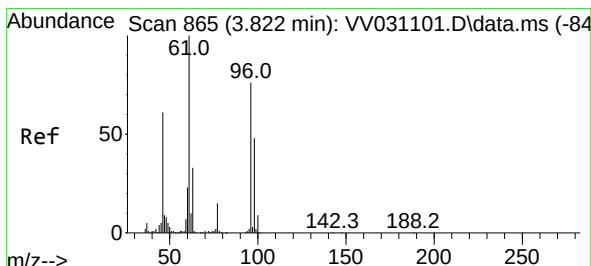
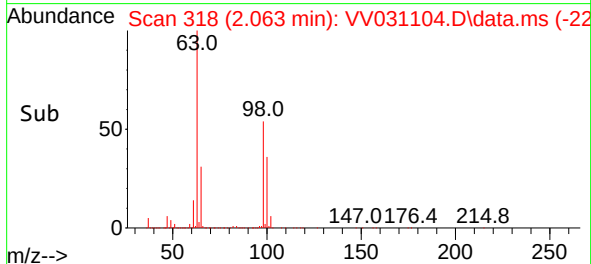
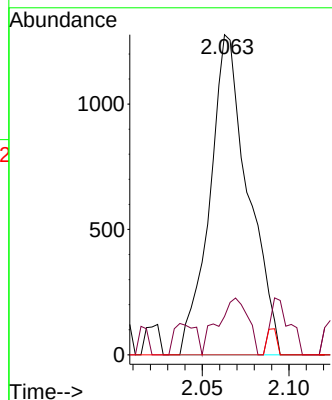
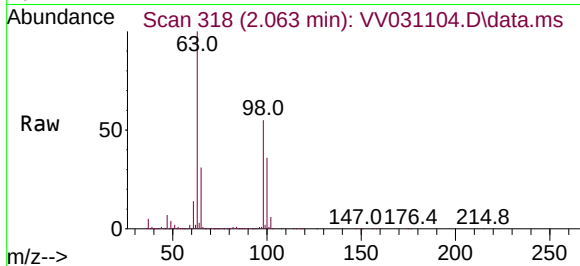




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.120 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.010 min
 Lab File: VV031104.D
 Acq: 19 May 2023 14:05

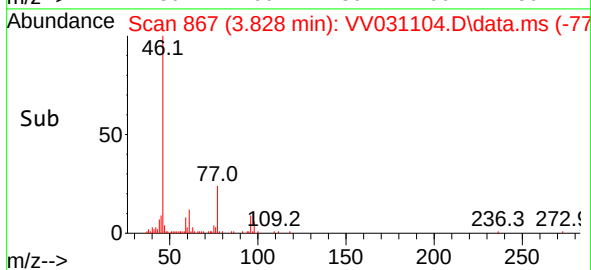
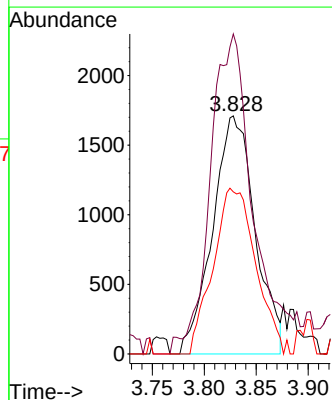
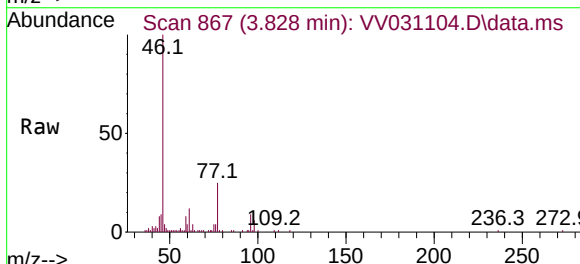
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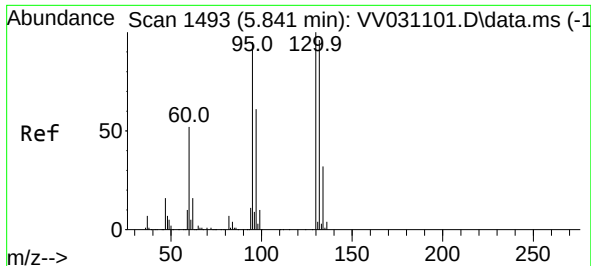
Tgt Ion:101 Resp: 1968
 Ion Ratio Lower Upper
 101 100
 85 10.5 38.0 57.0#
 151 0.0 61.7 92.5#



#20
 cis-1,2-Dichloroethene
 Concen: 2.860 ug/L
 RT: 3.828 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VV031104.D
 Acq: 19 May 2023 14:05

Tgt Ion: 96 Resp: 4860
 Ion Ratio Lower Upper
 96 100
 61 134.4 89.2 165.6
 98 68.1 43.0 80.0





#34

Trichloroethene

Concen: 11.989 ug/L

RT: 5.841 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV031104.D

Acq: 19 May 2023 14:05

Instrument :

MSVOA_V

ClientSampleId :

VIBLK210

Tgt Ion: 95 Resp: 19750

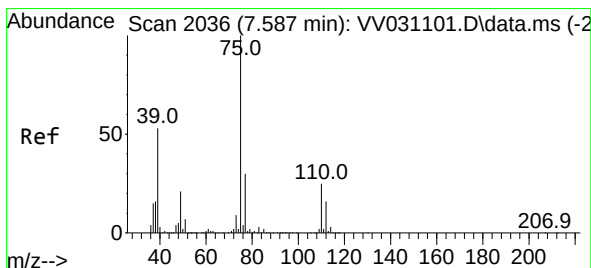
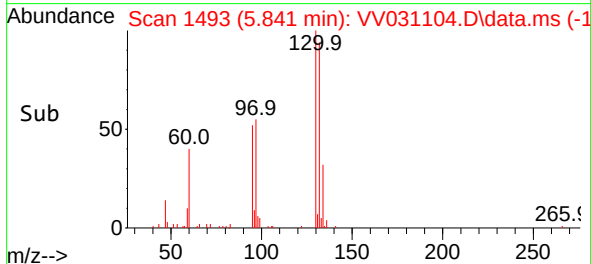
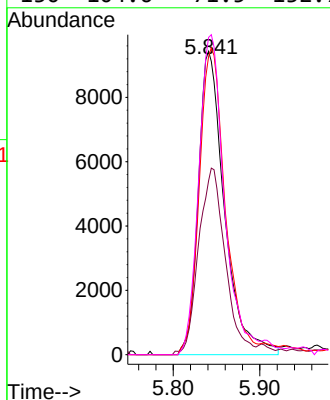
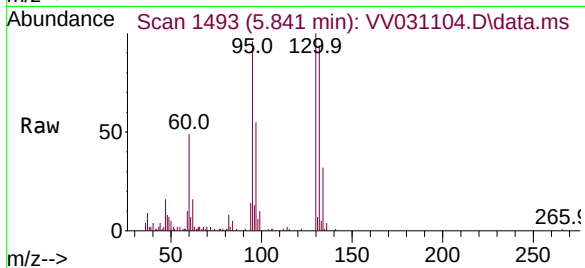
Ion Ratio Lower Upper

95 100

97 57.3 44.4 82.5

132 98.3 70.2 130.4

130 104.6 71.5 132.7



#44

trans-1,3-Dichloropropene

Concen: 1.268 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV031104.D

Acq: 19 May 2023 14:05

Tgt Ion: 75 Resp: 3346

Ion Ratio Lower Upper

75 100

77 43.0 22.2 41.2#

