

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042523\
 Data File : VV030869.D
 Acq On : 26 Apr 2023 04:42
 Operator : SY/MD
 Sample : 02474-14 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT6

Quant Time: Apr 26 06:08:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

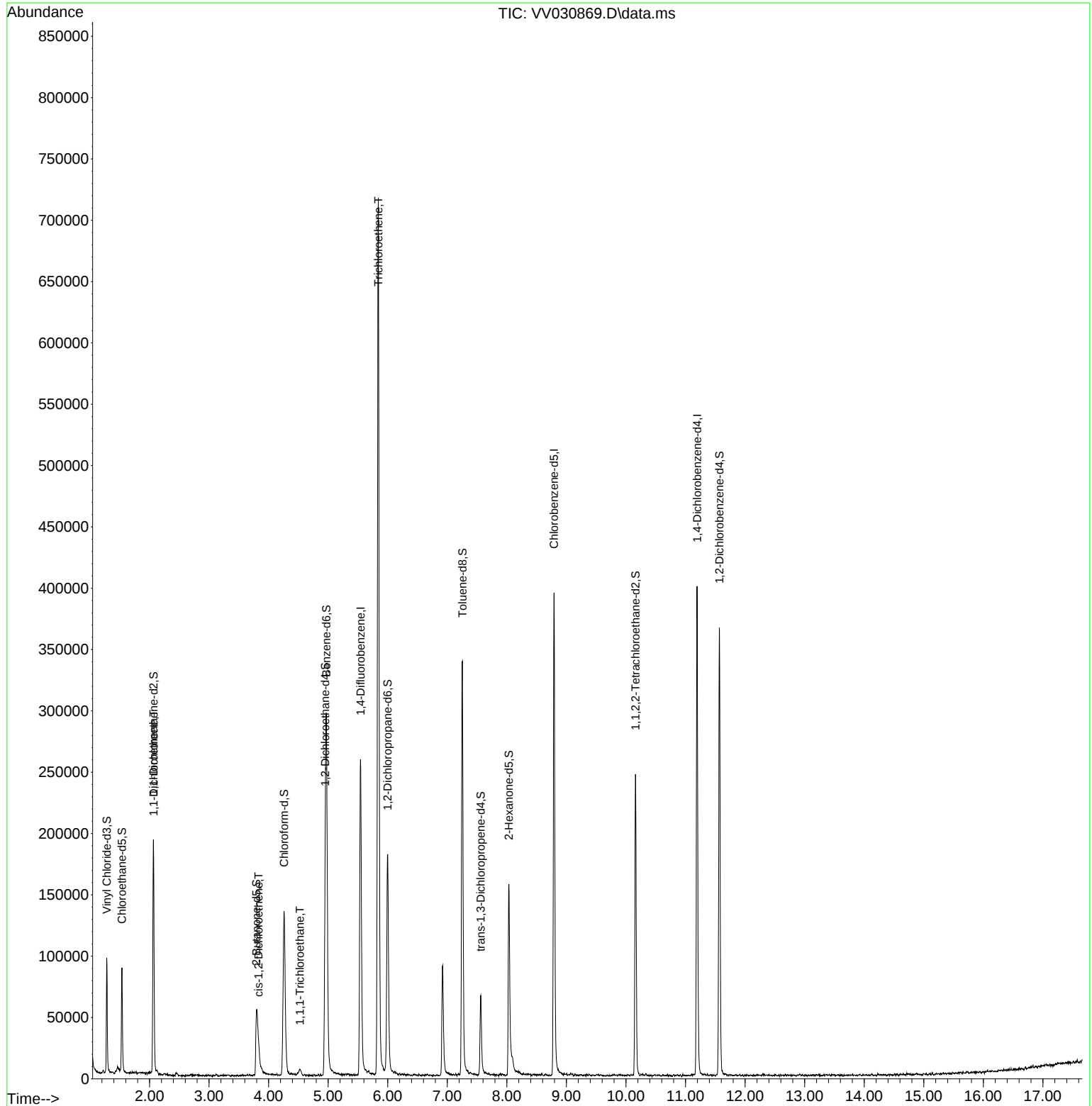
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	214470	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	209092	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61252	38.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.920%
7) Chloroethane-d5	1.535	69	54048	41.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	2.066	65	32170	43.146	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
21) 2-Butanone-d5	3.796	46	87476	101.297	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.300%
24) Chloroform-d	4.259	84	136185	47.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.950	65	96924	52.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.820%
32) Benzene-d6	4.969	84	245270	49.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.220%
36) 1,2-Dichloropropane-d6	5.998	67	75308	49.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.080%
41) Toluene-d8	7.252	98	222442	47.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.840%
43) trans-1,3-Dichloroprop...	7.561	79	35732	46.167	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
47) 2-Hexanone-d5	8.034	63	51488	85.114	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.110%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	106168	47.647	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.300%
66) 1,2-Dichlorobenzene-d4	11.567	152	91158	54.310	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.620%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	1753	1.167	ug/L	# 1
20) cis-1,2-Dichloroethene	3.831	96	6013	3.646	ug/L	98
30) 1,1,1-Trichloroethane	4.522	97	4037	1.374	ug/L	93
34) Trichloroethene	5.841	95	233732	141.522	ug/L	97

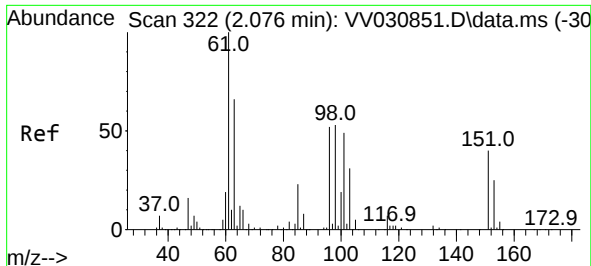
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 22 00:43:23 2023
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#12

1,1-Dichloroethene

Concen: 1.167 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.007 min

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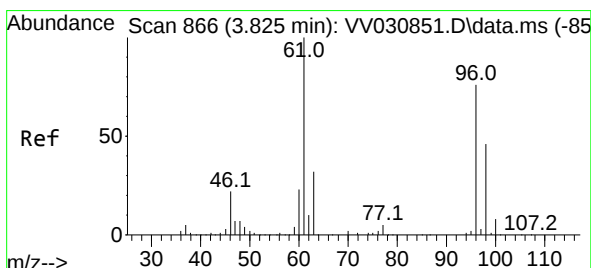
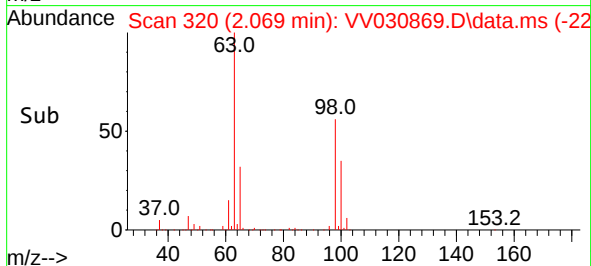
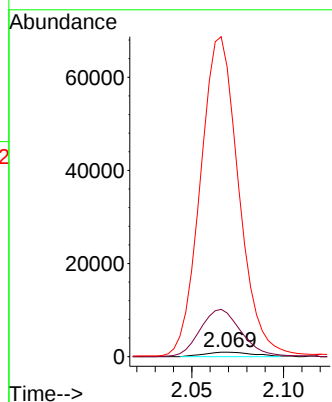
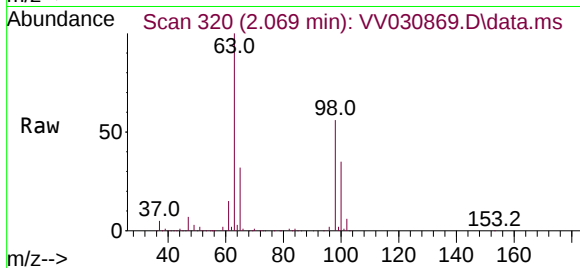
Tgt Ion: 96 Resp: 1753

Ion Ratio Lower Upper

96 100

61 987.1 131.9 245.0#

63 6564.4 99.8 185.3#



#20

cis-1,2-Dichloroethene

Concen: 3.646 ug/L

RT: 3.831 min Scan# 868

Delta R.T. 0.006 min

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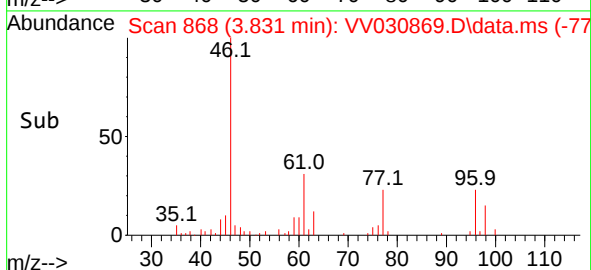
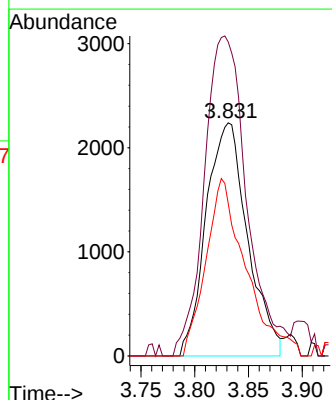
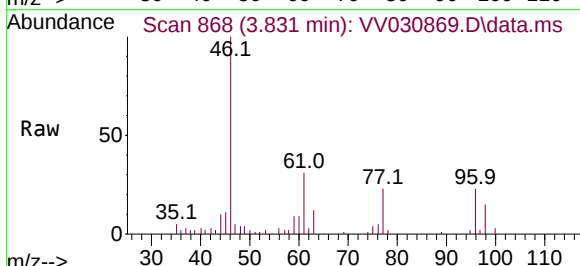
Tgt Ion: 96 Resp: 6013

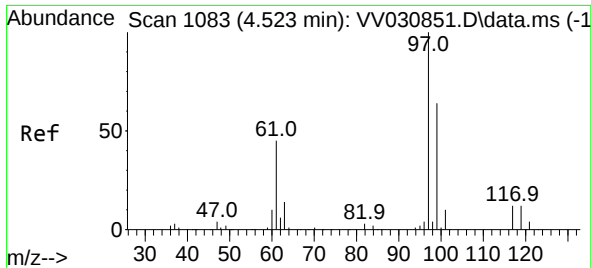
Ion Ratio Lower Upper

96 100

61 134.7 92.3 171.3

98 65.4 45.9 85.3

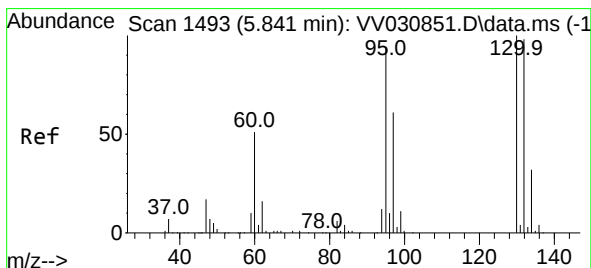
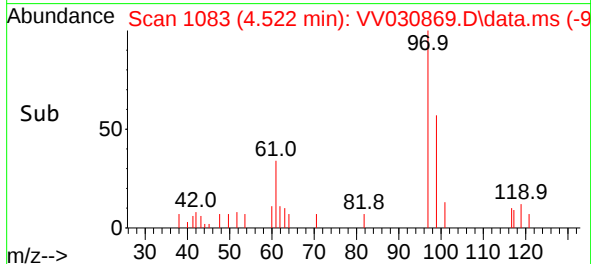
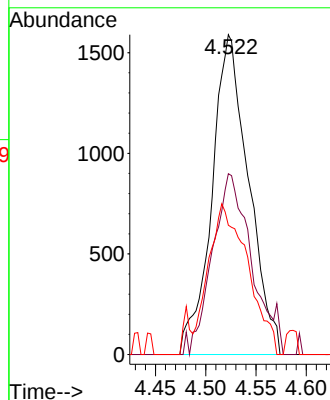
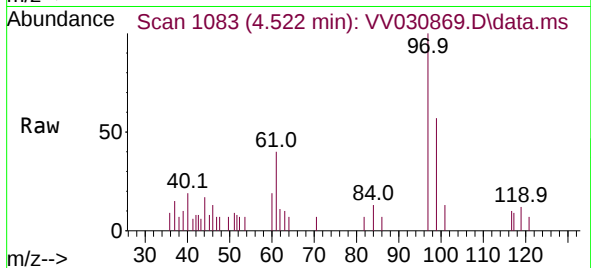




#30
1,1,1-Trichloroethane
Concen: 1.374 ug/L
RT: 4.522 min Scan# 1083
Delta R.T. -0.000 min
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Tgt Ion: 97 Resp: 4037
Ion Ratio Lower Upper
97 100
99 58.4 51.4 77.0
61 50.4 37.0 55.6



#34
Trichloroethene
Concen: 141.522 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VV030869.D
Acq: 26 Apr 2023 04:42

Tgt Ion: 95 Resp: 233732
Ion Ratio Lower Upper
95 100
97 66.0 45.8 85.2
132 102.6 70.6 131.2
130 106.8 70.9 131.7

