

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031324\
 Data File : VV034577.D
 Acq On : 13 Mar 2024 16:04
 Operator : SY/MD
 Sample : P1739-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0GF3

Quant Time: Mar 14 02:25:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

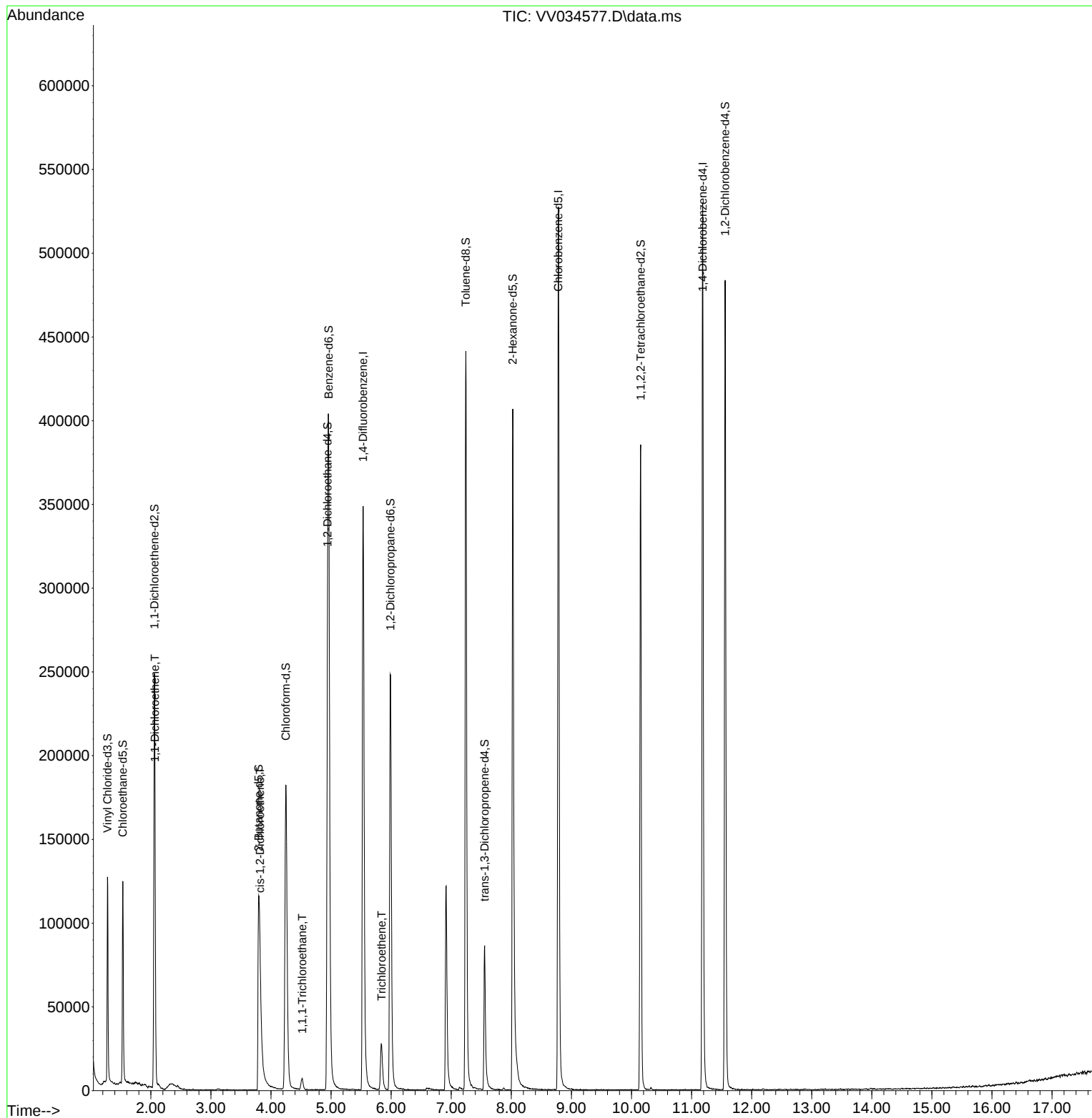
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	298522	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	283615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	132946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76351	29.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	59.000%	#	
7) Chloroethane-d5	1.532	69	74272	36.839	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.680%		
11) 1,1-Dichloroethene-d2	2.060	65	38440	32.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.680%		
21) 2-Butanone-d5	3.796	46	206632	119.398	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	119.400%		
24) Chloroform-d	4.246	84	195676	42.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.520%		
26) 1,2-Dichloroethane-d4	4.941	65	137430	45.962	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.920%		
32) Benzene-d6	4.960	84	344107	40.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.400%		
36) 1,2-Dichloropropane-d6	5.989	67	116380	44.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.100%		
41) Toluene-d8	7.243	98	285177	36.816	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.640%	#	
43) trans-1,3-Dichloroprop...	7.555	79	51261	39.078	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.160%		
47) 2-Hexanone-d5	8.024	63	139972	107.305	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.310%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	180922	52.630	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.260%		
66) 1,2-Dichlorobenzene-d4	11.561	152	122658	45.137	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.280%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	12799	5.726	ug/L #	1
20) cis-1,2-Dichloroethene	3.815	96	11762	5.011	ug/L	92
30) 1,1,1-Trichloroethane	4.519	97	5761	1.417	ug/L #	66
34) Trichloroethene	5.841	95	7529	3.009	ug/L	97

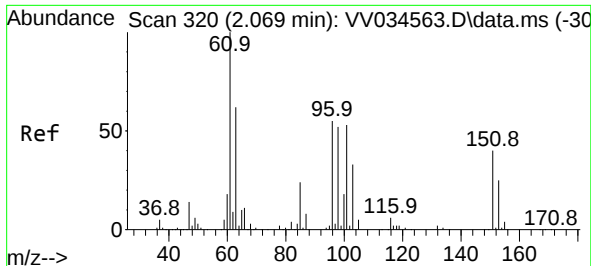
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.726 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

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Instrument :

MSVOA_V

ClientSampleId :

C0GF3

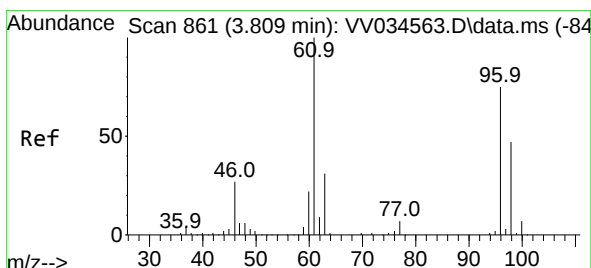
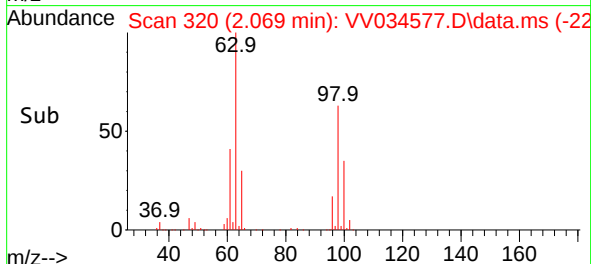
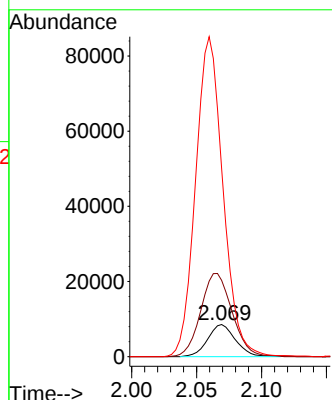
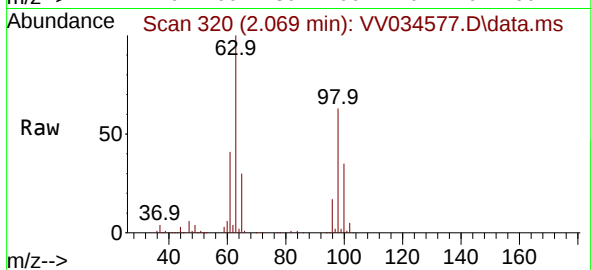
Tgt Ion: 96 Resp: 12799

Ion Ratio Lower Upper

96 100

61 236.6 128.9 239.3

63 582.9 98.0 182.0#



#20

cis-1,2-Dichloroethene

Concen: 5.011 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.007 min

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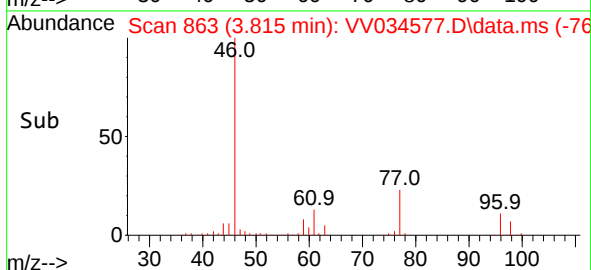
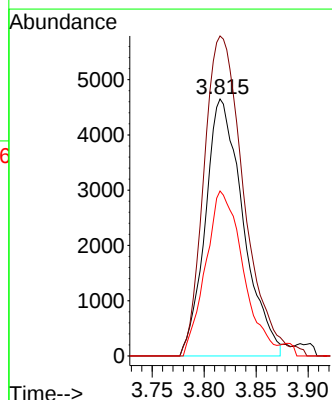
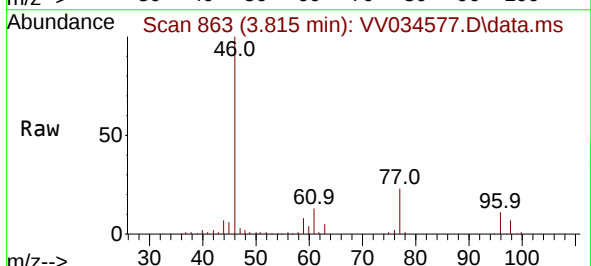
Tgt Ion: 96 Resp: 11762

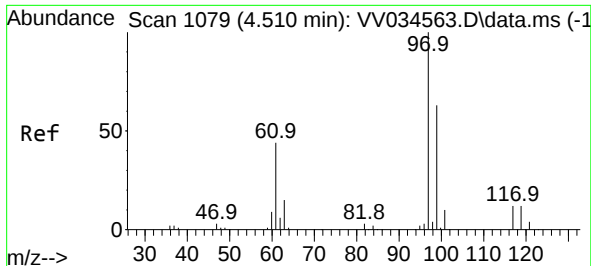
Ion Ratio Lower Upper

96 100

61 124.5 96.0 178.4

98 64.2 46.0 85.4





#30

1,1,1-Trichloroethane

Concen: 1.417 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.010 min

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MSVOA_V

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C0GF3

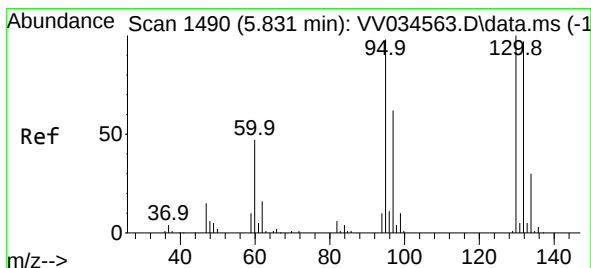
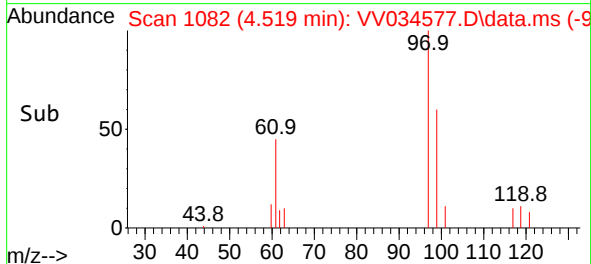
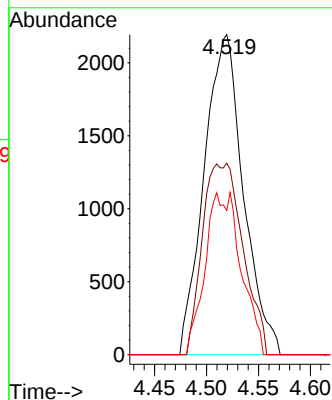
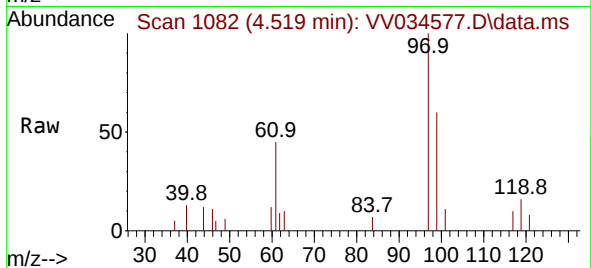
Tgt Ion: 97 Resp: 5761

Ion Ratio Lower Upper

97 100

99 33.1 51.3 76.9#

61 27.8 36.0 54.0#



#34

Trichloroethene

Concen: 3.009 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.010 min

Lab File: VV034577.D

Acq: 13 Mar 2024 16:04

Tgt Ion: 95 Resp: 7529

Ion Ratio Lower Upper

95 100

97 61.2 44.7 83.1

132 88.9 65.3 121.3

130 97.7 69.1 128.3

