

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031924\
 Data File : VV034711.D
 Acq On : 18 Mar 2024 21:31
 Operator : SY/MD
 Sample : P1766-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COGN4

Quant Time: Mar 19 02:57:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 02:53:17 2024
 Response via : Initial Calibration

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

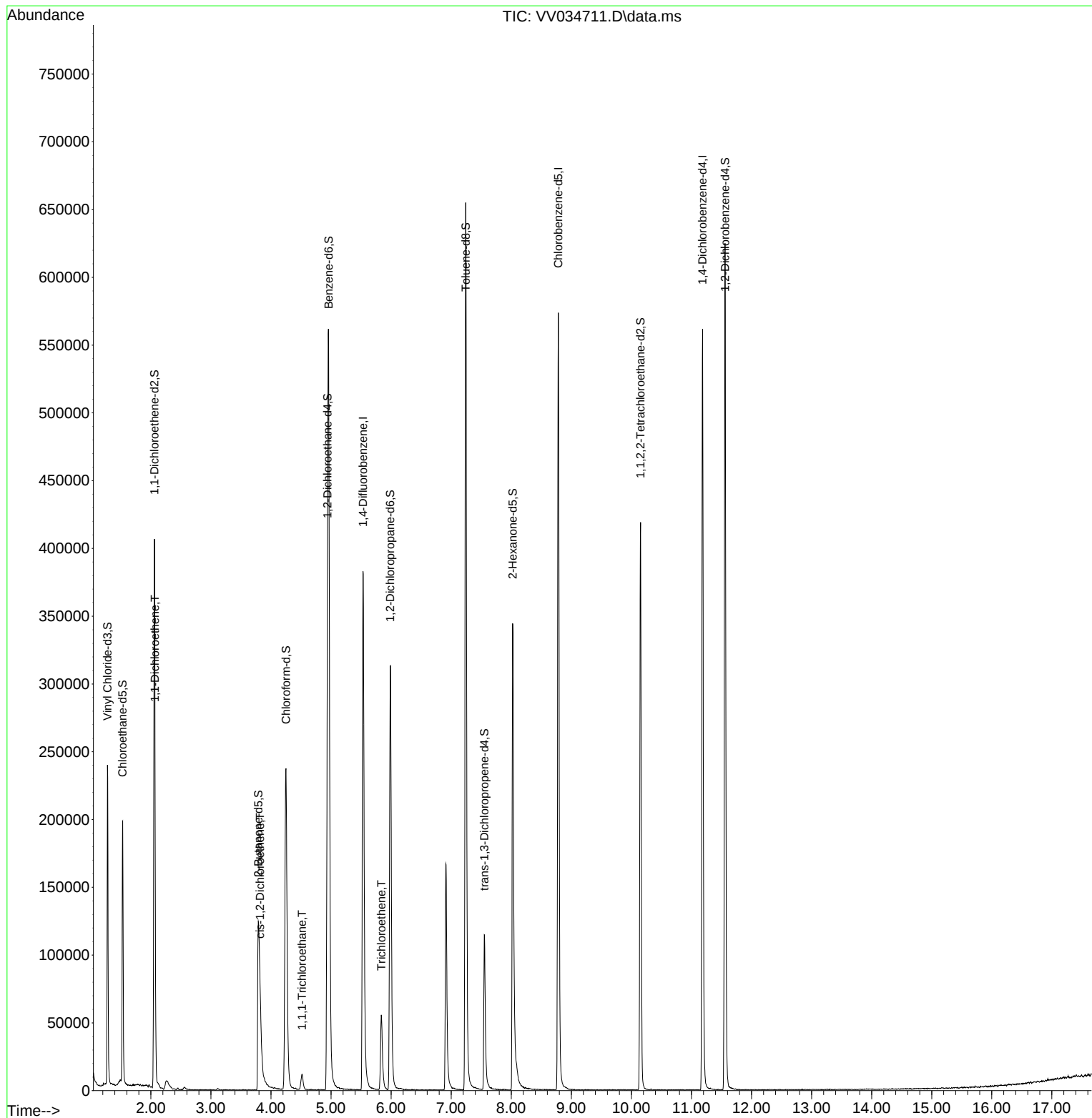
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	333776	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	309140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144517	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150954	52.170	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	104.340%	
7) Chloroethane-d5	1.529	69	117466	52.109	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	104.220%	
11) 1,1-Dichloroethene-d2	2.059	65	65208	49.831	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	99.660%	
21) 2-Butanone-d5	3.789	46	195832	101.206	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	101.210%	
24) Chloroform-d	4.249	84	251401	49.140	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.280%	
26) 1,2-Dichloroethane-d4	4.940	65	167527	50.110	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.220%	
32) Benzene-d6	4.960	84	492802	52.820	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	105.640%	
36) 1,2-Dichloropropane-d6	5.985	67	150358	52.807	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	105.620%	
41) Toluene-d8	7.243	98	429364	50.853	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	101.700%	
43) trans-1,3-Dichloroprop...	7.551	79	68650	48.013	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	96.020%	
47) 2-Hexanone-d5	8.024	63	120312	84.618	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	84.620%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	196203	52.362	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	104.720%	
66) 1,2-Dichlorobenzene-d4	11.561	152	159062	53.847	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	107.700%	
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	12526	5.012	ug/L	Qvalue # 1
20) cis-1,2-Dichloroethene	3.818	96	14809	5.642	ug/L	93
30) 1,1,1-Trichloroethane	4.516	97	9762	2.202	ug/L	98
34) Trichloroethene	5.837	95	18974	6.956	ug/L	96

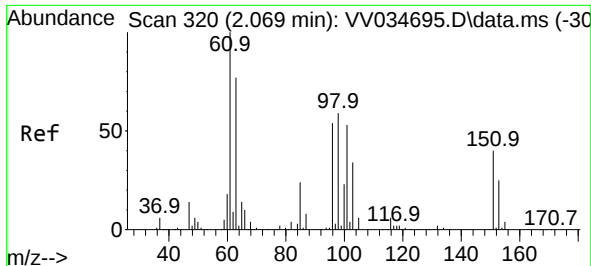
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.012 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034711.D

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Instrument :

MSVOA_V

ClientSampleId :

COGN4

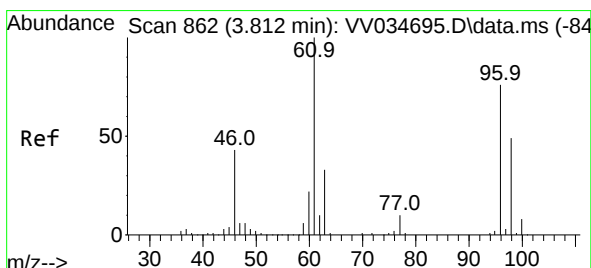
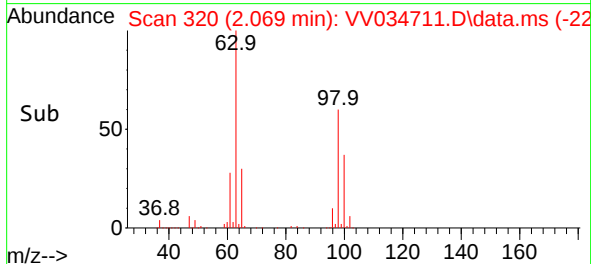
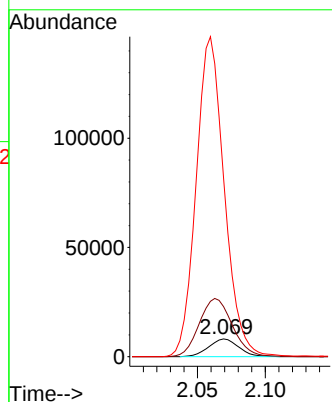
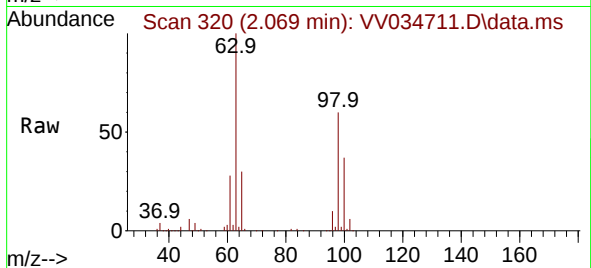
Tgt Ion: 96 Resp: 12526

Ion Ratio Lower Upper

96 100

61 281.0 128.9 239.3#

63 1001.8 98.0 182.0#



#20

cis-1,2-Dichloroethene

Concen: 5.642 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.006 min

Lab File: VV034711.D

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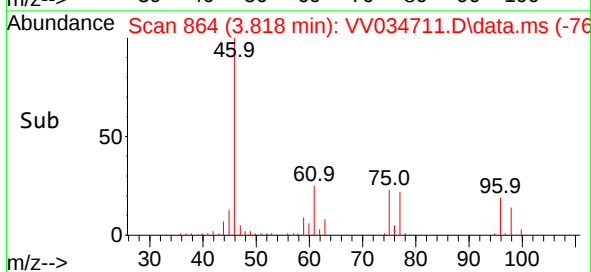
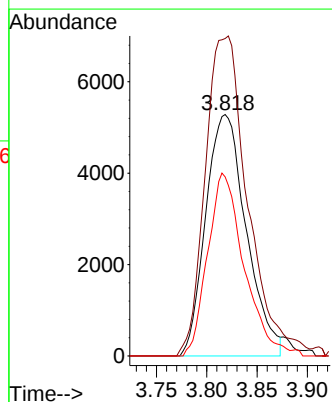
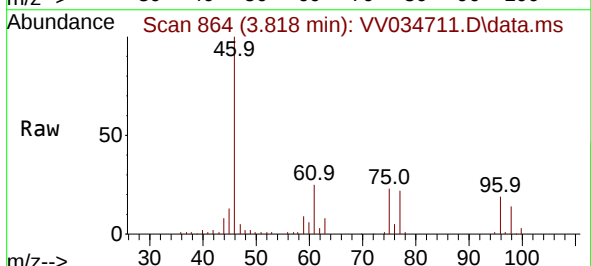
Tgt Ion: 96 Resp: 14809

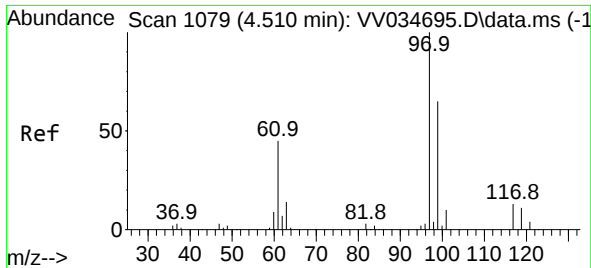
Ion Ratio Lower Upper

96 100

61 131.5 96.0 178.4

98 74.1 46.0 85.4

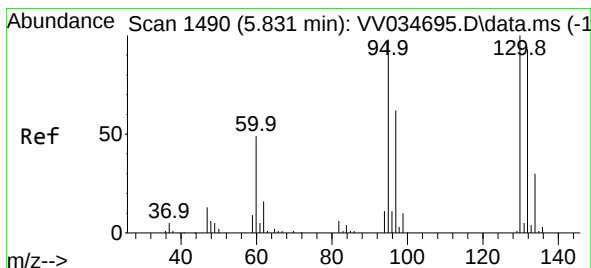
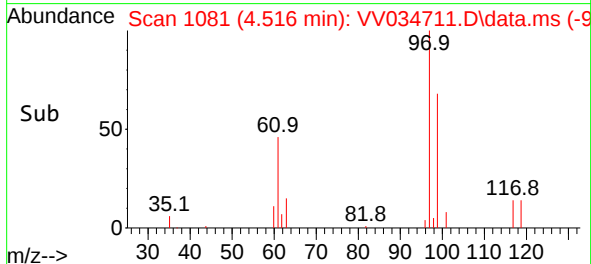
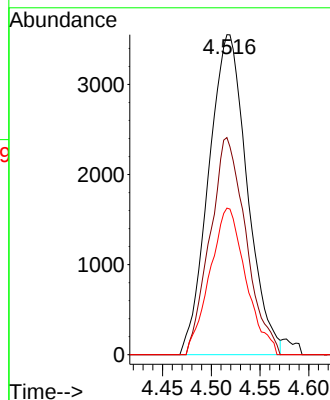
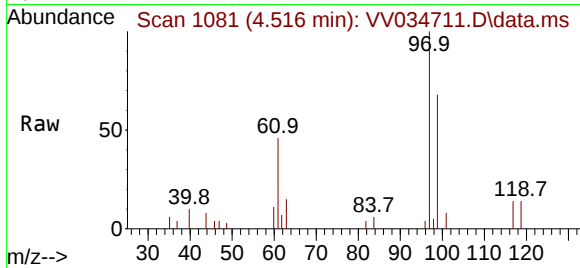




#30
1,1,1-Trichloroethane
Concen: 2.202 ug/L
RT: 4.516 min Scan# 1079
Delta R.T. 0.006 min
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Tgt Ion:	97	Resp:	9762
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	42.8	36.0	54.0



#34
Trichloroethene
Concen: 6.956 ug/L
RT: 5.837 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV034711.D
Acq: 18 Mar 2024 21:31

Tgt Ion:	95	Resp:	18974
Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.7	83.1
132	98.7	65.3	121.3
130	94.0	69.1	128.3

