

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018716.D
 Acq On : 07 Oct 2020 02:19
 Operator : SY/MD
 Sample : L4287-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AG6

Quant Time: Oct 07 08:48:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	263378	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	272443	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	122646	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76692	49.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.30%
7) Chloroethane-d5	1.58	69	65306	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.26%
11) 1,1-Dichloroethene-d2	2.12	63	120247	38.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.42%
21) 2-Butanone-d5	3.91	46	105166	91.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.27%
24) Chloroform-d	4.38	84	158135	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.68%
26) 1,2-Dichloroethane-d4	5.05	65	109520	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
32) Benzene-d6	5.07	84	296961	43.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.06%
36) 1,2-Dichloropropane-d6	6.09	67	105662	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.34%
41) Toluene-d8	7.34	98	261649	40.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.64	79	43107	38.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.54%
47) 2-Hexanone-d5	8.11	63	55038	69.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.49%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	113725	41.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	114268	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

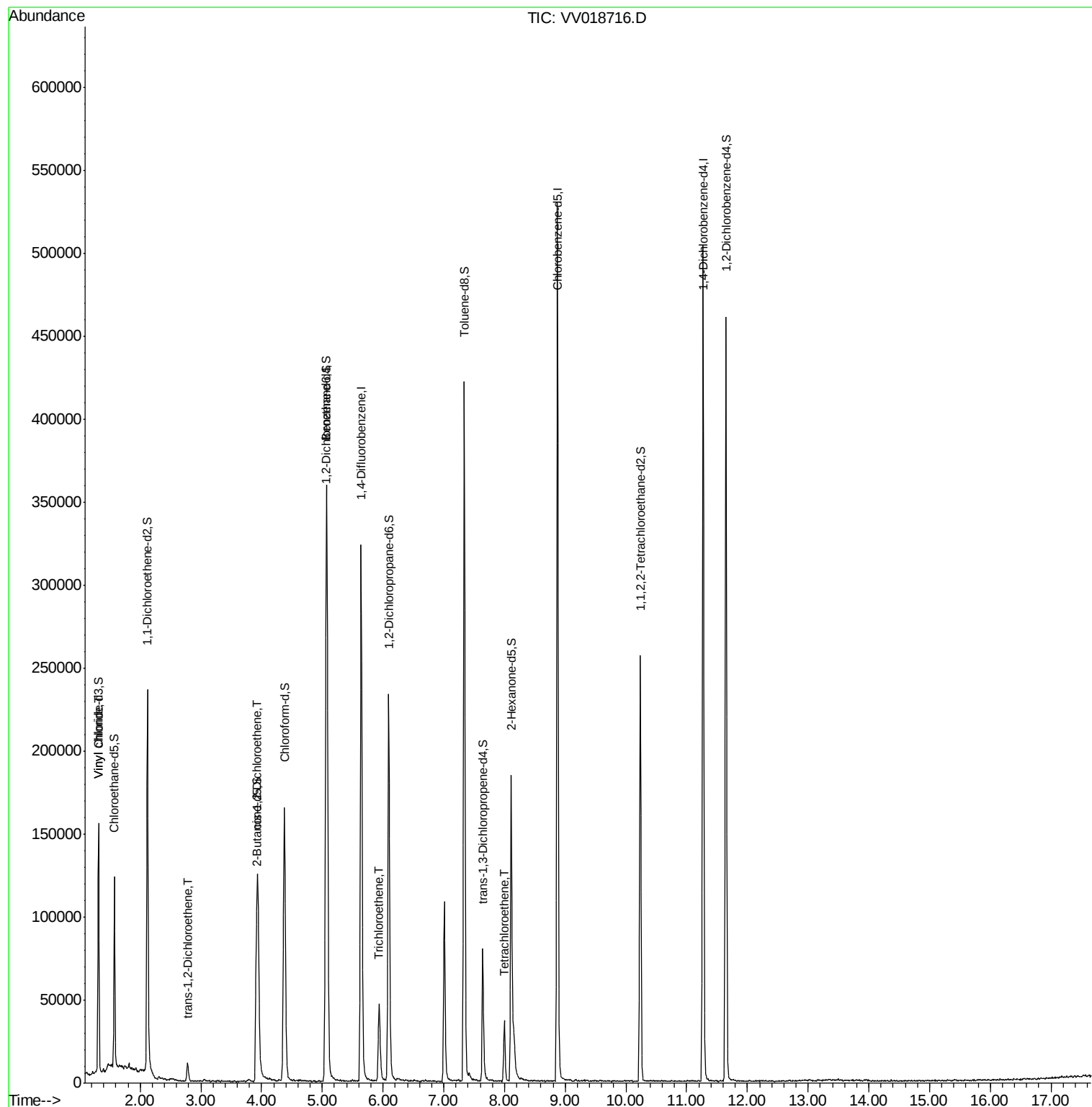
					Ovalue
5) Vinyl chloride	1.32	62	17479	8.676	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	3930	2.089	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	51792	25.904	ug/L 92
34) Trichloroethene	5.94	95	10747	4.625	ug/L 94
46) Tetrachloroethene	8.00	164	7803	4.139	ug/L 94

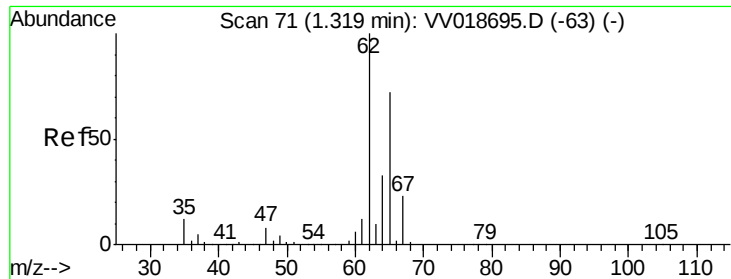
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.676 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018716.D

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ClientSampleId :

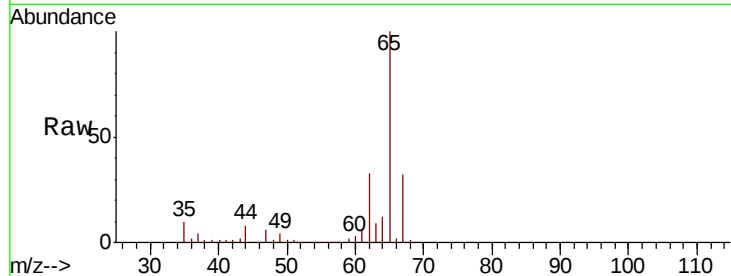
C0AG6

Tot Ion: 62 Resp: 17479

Ion Ratio Lower Upper

62 100

64 36.6 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

20000

15000

10000

5000

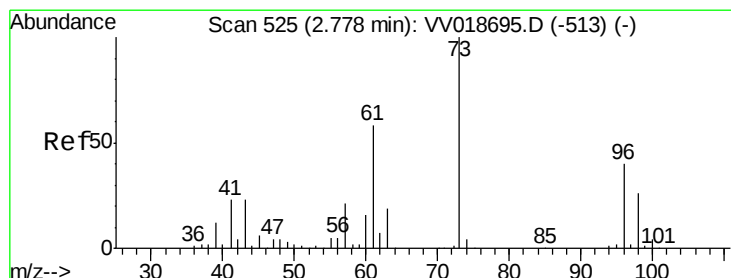
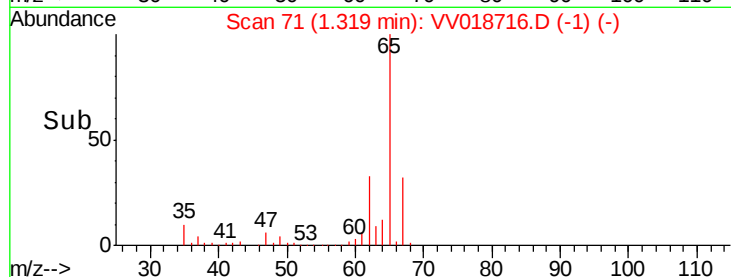
0

1.30

1.32

1.35

Time-->



#17

trans-1,2-Dichloroethene

Concen: 2.089 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

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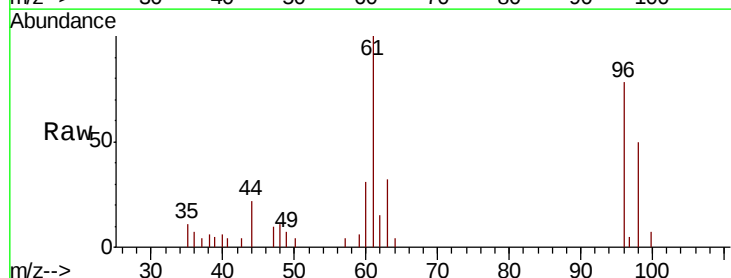
Tgt Ion: 96 Resp: 3930

Ion Ratio Lower Upper

96 100

61 128.9 95.0 176.4

98 64.8 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

4000

3000

2000

1000

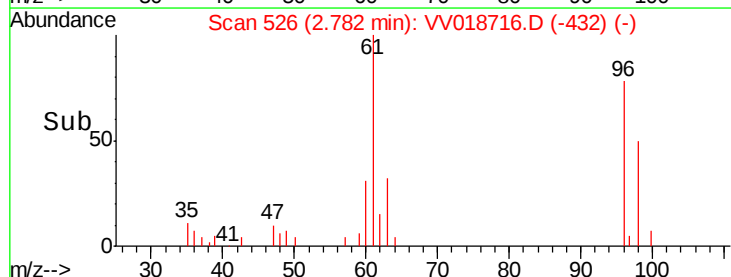
0

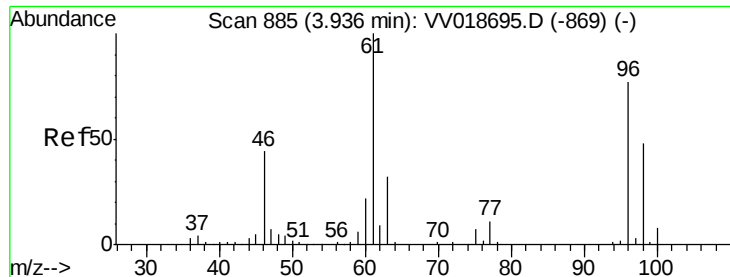
2.75

2.78

2.80

Time-->



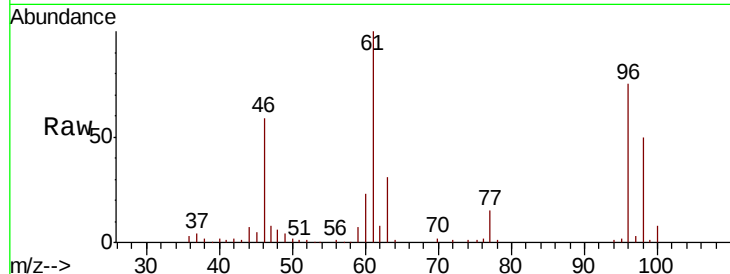


#20

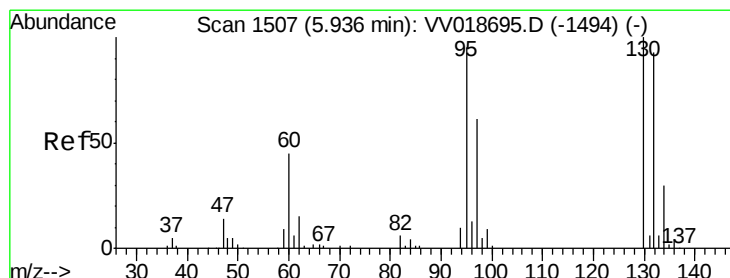
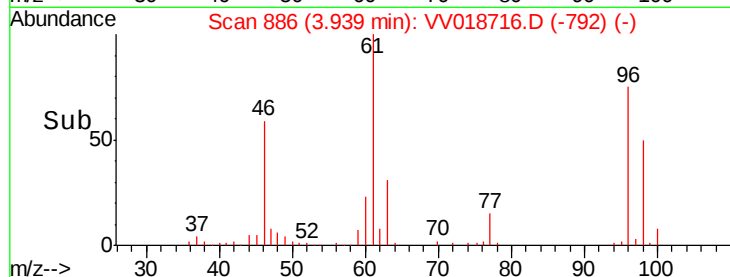
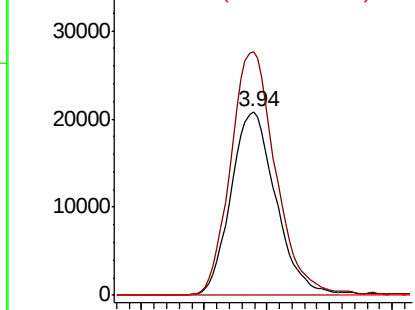
cis-1,2-Dichloroethene
Concen: 25.904 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018716.D
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MSVOA_V
ClientSampleId :
C0AG6

Tot Ion: 96 Resp: 51792
Ion Ratio Lower Upper
96 100
61 132.7 86.8 161.2
68 0.0 0.0 0.0



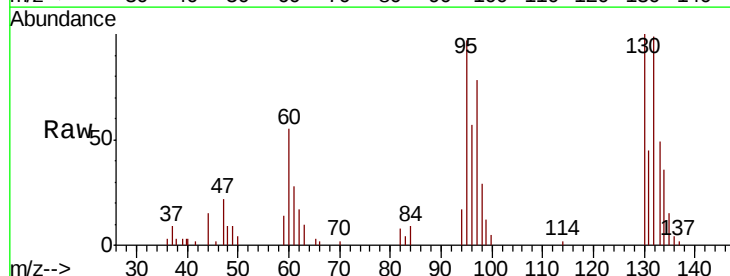
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0



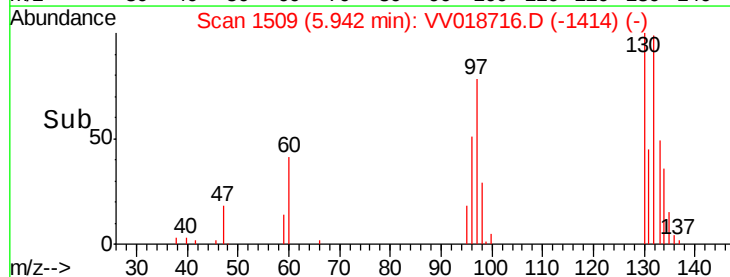
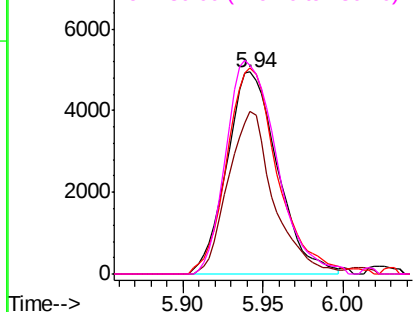
#34

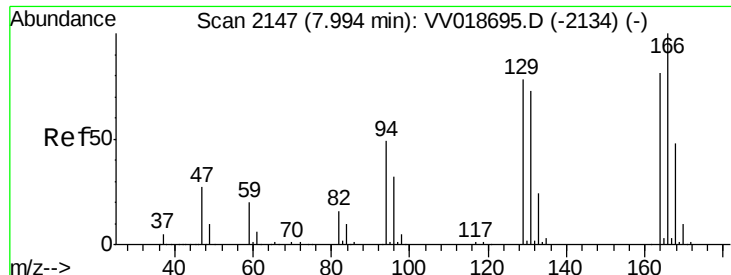
Trichloroethene
Concen: 4.625 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV018716.D
Acq: 07 Oct 2020 02:19

Tgt Ion: 95 Resp: 10747
Ion Ratio Lower Upper
95 100
97 80.3 45.9 85.3
132 102.1 70.8 131.4
130 103.0 75.3 139.8



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0





#46

Tetrachloroethene

Concen: 4.139 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018716.D

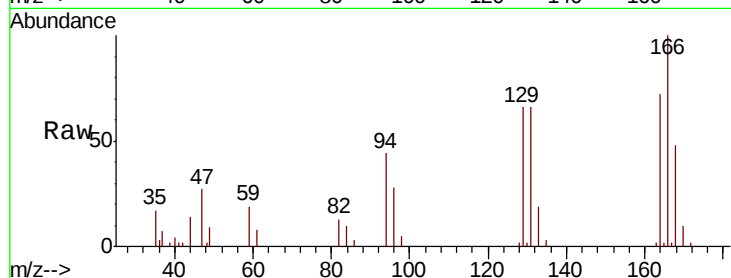
Acq: 07 Oct 2020 02:19

Instrument :

MSVOA_V

ClientSampleId :

C0AG6



Tot Ion:164 Resp: 7803

Ion Ratio Lower Upper

164 100

129 90.8 62.8 116.6

131 90.6 60.8 112.8

166 138.2 88.9 165.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

