

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018726.D
 Acq On : 07 Oct 2020 13:37
 Operator : SY/MD
 Sample : L4287-02DL 100X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH8DL

Quant Time: Oct 08 04:34:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	322974	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	290887	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133638	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82187	43.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.78%
7) Chloroethane-d5	1.58	69	75610	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	2.12	63	133017	34.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.94%
21) 2-Butanone-d5	3.92	46	113073	80.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.03%
24) Chloroform-d	4.38	84	166553	40.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.32%
26) 1,2-Dichloroethane-d4	5.06	65	126007	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.07	84	363912	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
36) 1,2-Dichloropropane-d6	6.09	67	112119	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.72%
41) Toluene-d8	7.34	98	282078	40.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.38%
43) trans-1,3-Dichloropropene-	7.64	79	48010	39.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.84%
47) 2-Hexanone-d5	8.11	63	54954	64.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	108118	36.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	73.26%
64) 1,2-Dichlorobenzene-d4	11.65	152	120461	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%

Target Compounds

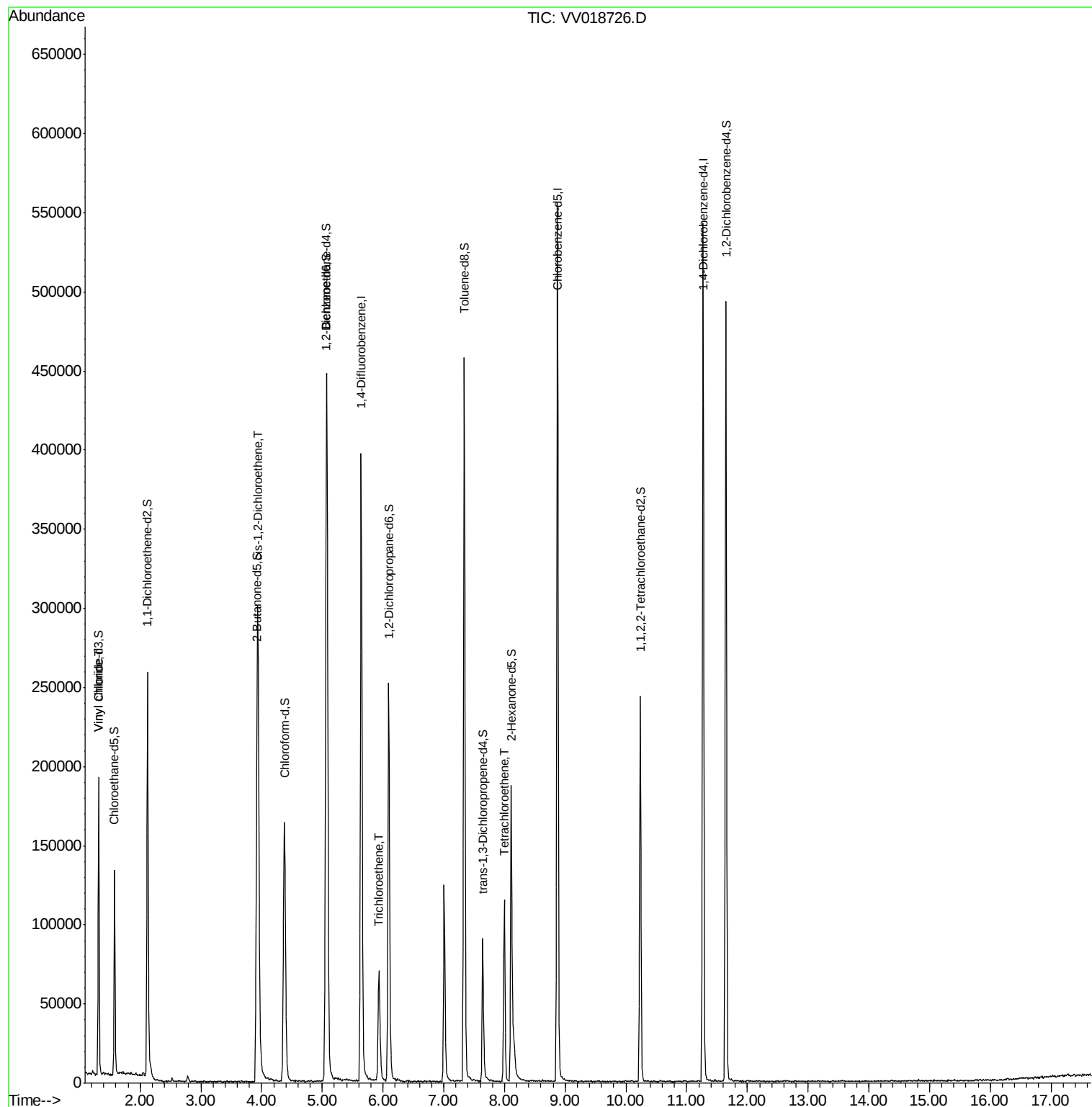
					Ovalue
5) Vinyl chloride	1.32	62	37084	15.010	ug/L 96
20) cis-1,2-Dichloroethene	3.94	96	142851	58.264	ug/L 94
34) Trichloroethene	5.94	95	12359	4.981	ug/L 96
46) Tetrachloroethene	8.00	164	25372	12.605	ug/L 94

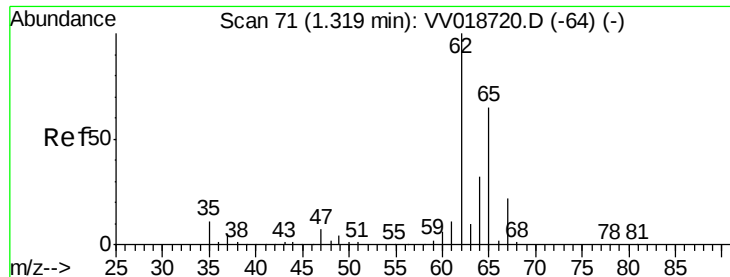
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.010 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Acq: 07 Oct 2020 13:37

Instrument :

MSVOA_V

ClientSampleId :

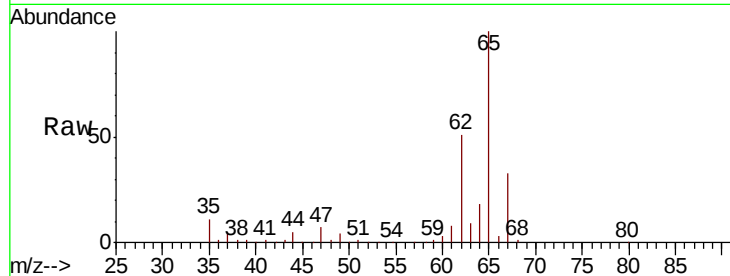
C0AH8DL

Tot Ion: 62 Resp: 37084

Ion Ratio Lower Upper

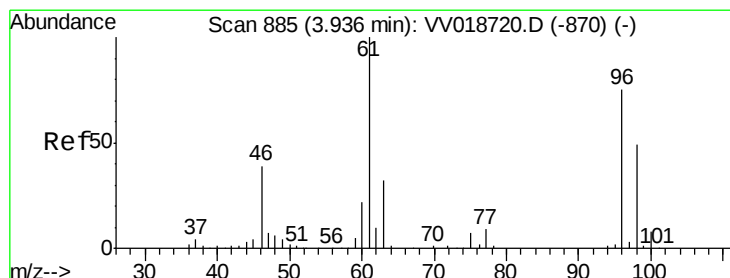
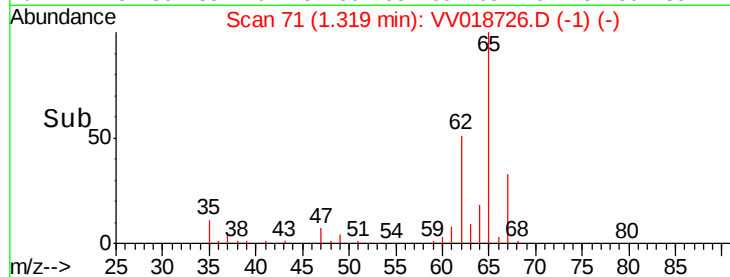
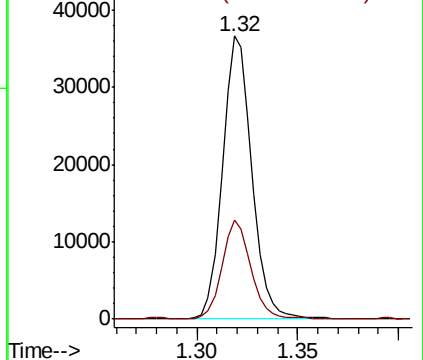
62 100

64 34.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 58.264 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV018726.D

Acq: 07 Oct 2020 13:37

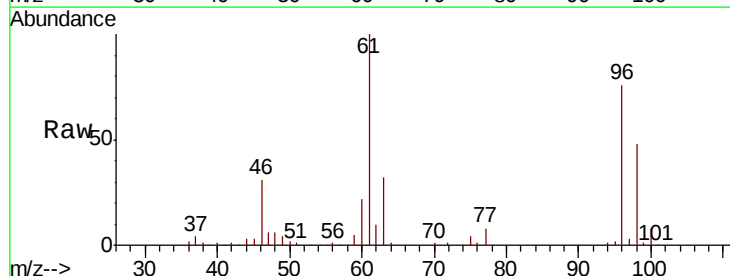
Tgt Ion: 96 Resp: 142851

Ion Ratio Lower Upper

96 100

61 130.9 86.8 161.2

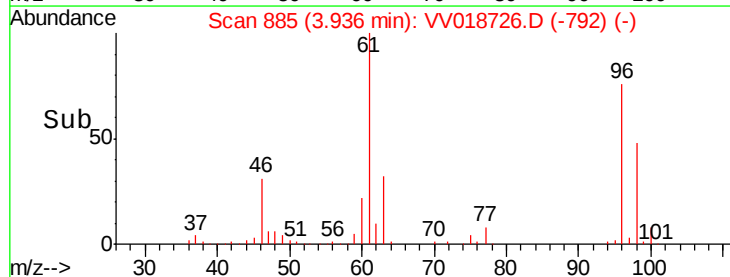
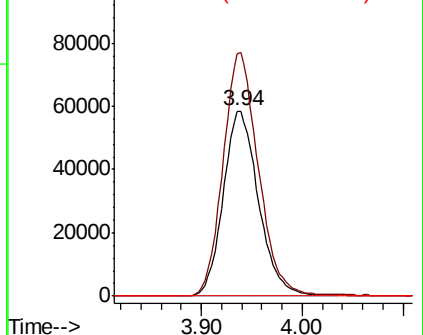
68 0.0 0.0 0.0

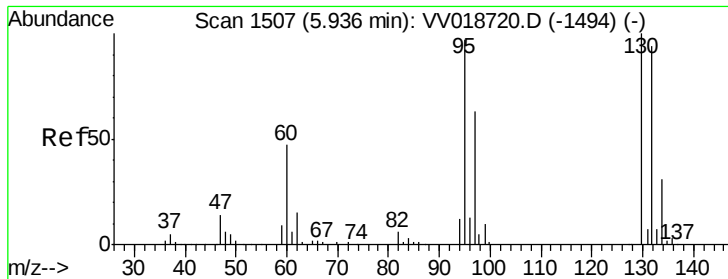


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 4.981 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018726.D

Acq: 07 Oct 2020 13:37

Instrument :

MSVOA_V

ClientSampleId :

C0AH8DL

Tot Ion: 95 Resp: 12359

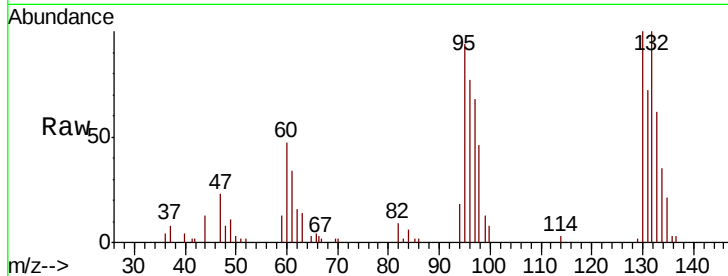
Ion Ratio Lower Upper

95 100

97 72.3 45.9 85.3

132 106.7 70.8 131.4

130 106.4 75.3 139.8

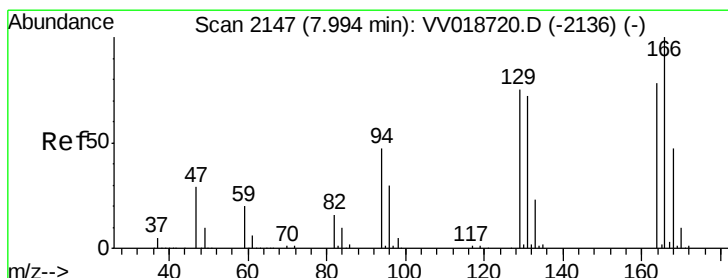
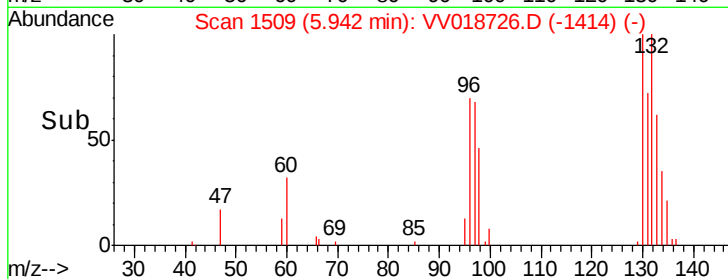
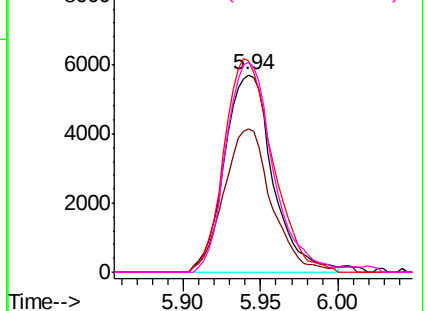


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 12.605 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018726.D

Acq: 07 Oct 2020 13:37

Tgt Ion:164 Resp: 25372

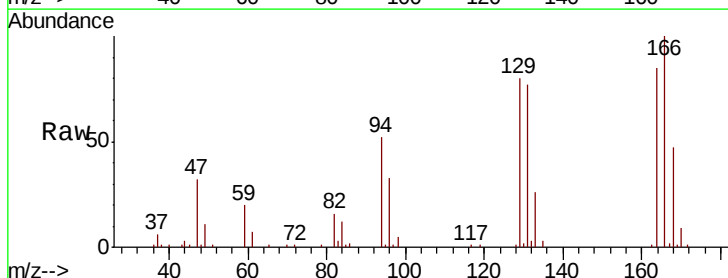
Ion Ratio Lower Upper

164 100

129 94.0 62.8 116.6

131 90.4 60.8 112.8

166 117.3 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

