

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019027.D
 Acq On : 20 Oct 2020 22:19
 Operator : SY/MD
 Sample : L4430-05 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

Quant Time: Oct 21 08:11:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327026	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147813	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72719	27.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.02%#
7) Chloroethane-d5	1.58	69	75174	35.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.50%
11) 1,1-Dichloroethene-d2	2.12	63	130372	25.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.30%#
21) 2-Butanone-d5	3.91	46	176850	94.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.25%
24) Chloroform-d	4.37	84	190722	39.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.86%
26) 1,2-Dichloroethane-d4	5.06	65	134935	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
32) Benzene-d6	5.08	84	366029	38.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.09	67	127432	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.28%
41) Toluene-d8	7.34	98	312878	36.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.74%#
43) trans-1,3-Dichloropropene-	7.64	79	53513	36.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.40%
47) 2-Hexanone-d5	8.11	63	95784	85.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	144369	40.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	132673	44.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.24%

Target Compounds

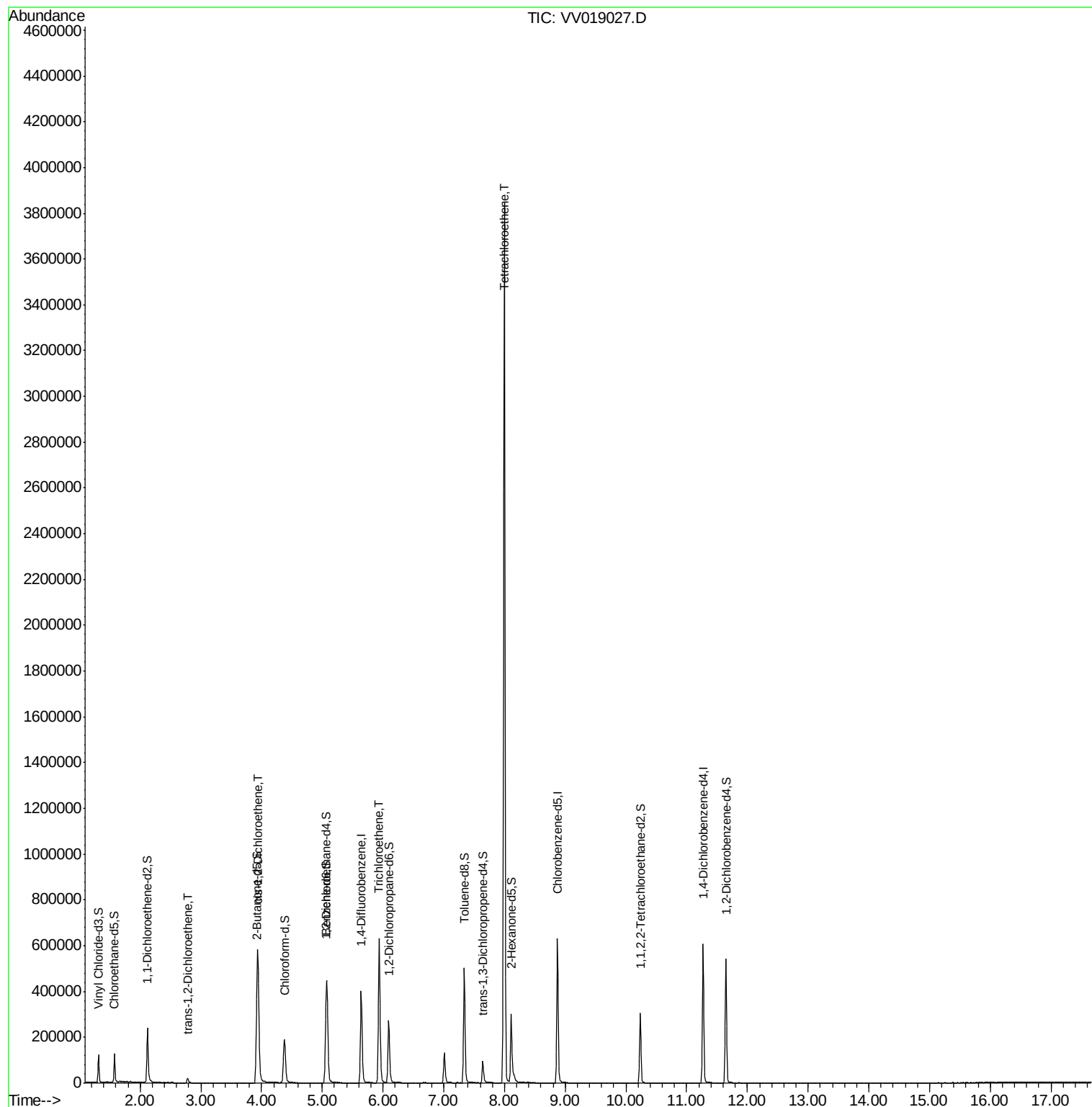
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	6690	2.803 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	282445	111.663 ug/L	98
34) Trichloroethene	5.94	95	209167	73.028 ug/L	99
46) Tetrachloroethene	8.00	164	807312	399.944 ug/L	99

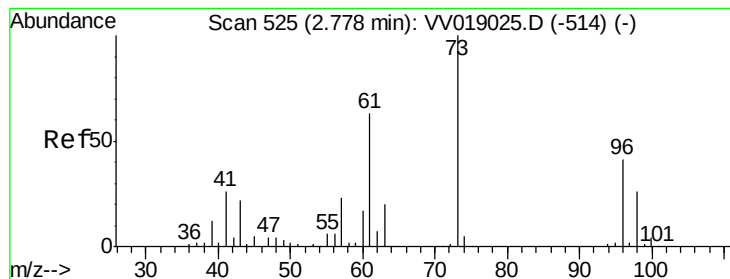
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 2.803 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

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Acq: 20 Oct 2020 22:19

Instrument :

MSVOA_V

ClientSampleId :

C0AB4

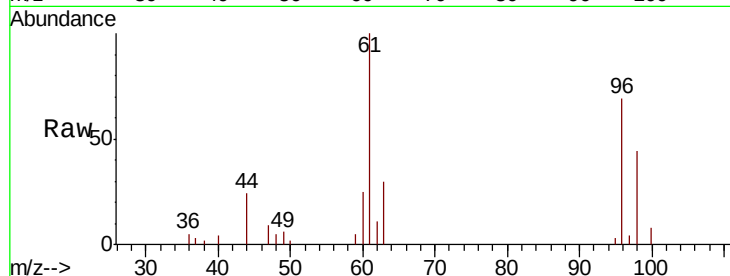
Tot Ion: 96 Resp: 6690

Ion Ratio Lower Upper

96 100

61 144.5 102.8 190.8

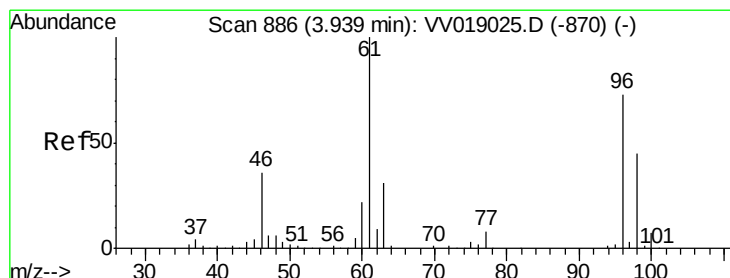
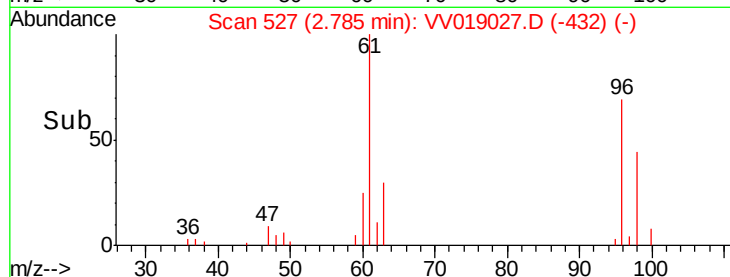
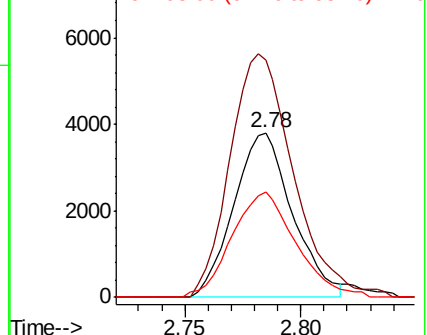
98 63.7 44.0 81.6



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



#20

cis-1,2-Dichloroethene

Concen: 111.663 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

Lab File: VV019027.D

Acq: 20 Oct 2020 22:19

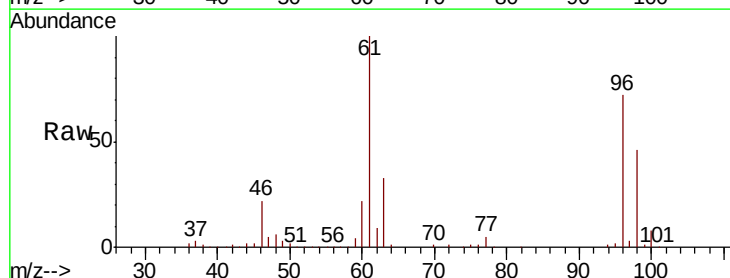
Tgt Ion: 96 Resp: 282445

Ion Ratio Lower Upper

96 100

61 139.3 96.1 178.5

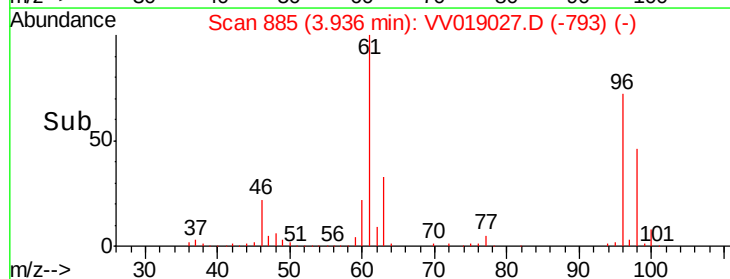
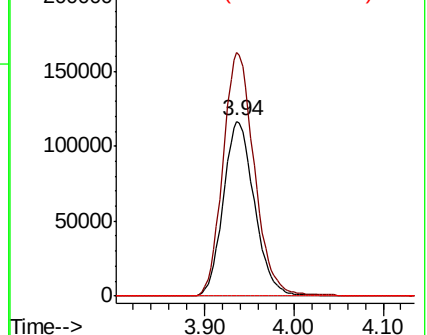
68 0.0 0.0 0.0

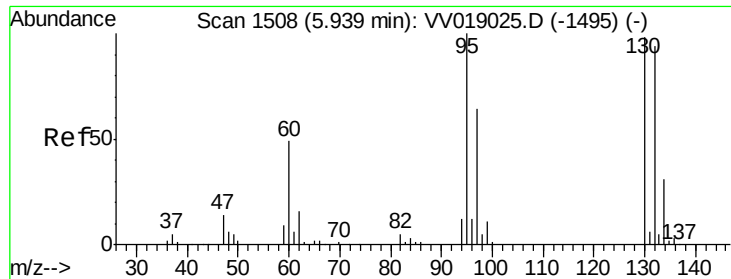


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 73.028 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV019027.D

Acq: 20 Oct 2020 22:19

Instrument :

MSVOA_V

ClientSampleId :

C0AB4

Tot Ion: 95 Resp: 209167

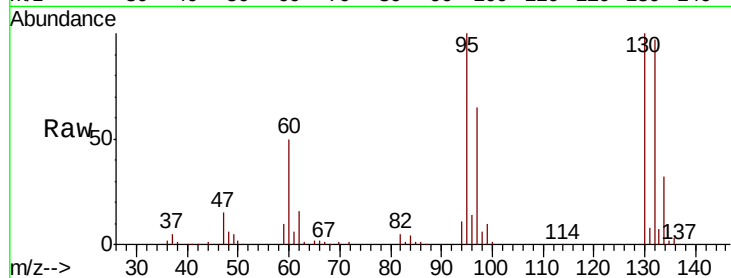
Ion Ratio Lower Upper

95 100

97 65.3 44.7 82.9

132 97.5 67.0 124.4

130 100.4 70.8 131.6

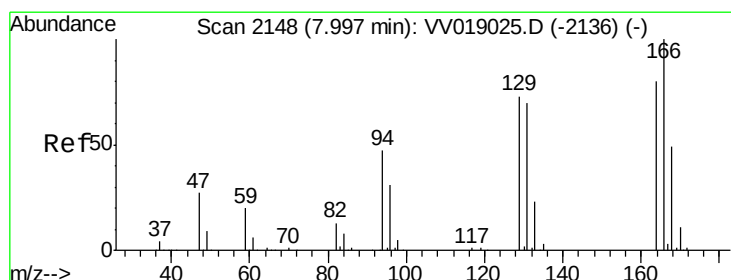
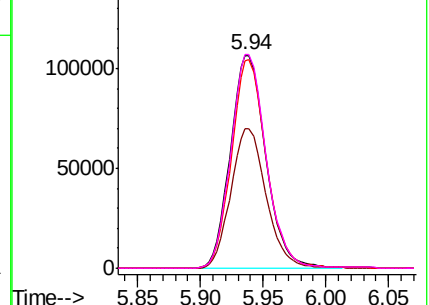
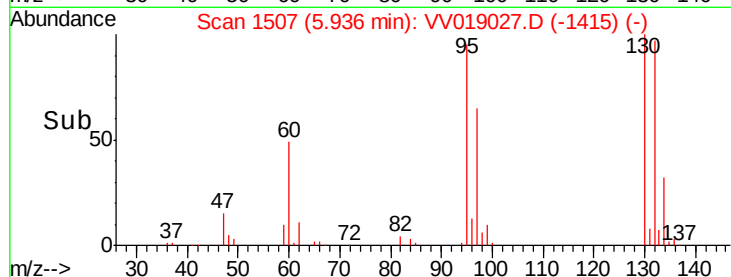


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 399.944 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV019027.D

Acq: 20 Oct 2020 22:19

Tgt Ion:164 Resp: 807312

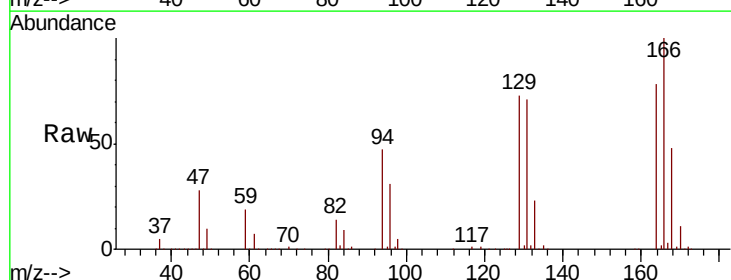
Ion Ratio Lower Upper

164 100

129 93.4 65.0 120.8

131 91.3 62.9 116.7

166 128.8 91.1 169.3



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

