

Data File : VV012192.D
Acq On : 11 Aug 2019 14:45
Operator : SY/MD
Sample : K4248-07DL 40X
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2B14DL

Quant Time: Aug 12 02:52:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081019WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 12 02:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	345893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	331129	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162010	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67427	52.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.98%
7) Chloroethane-d5	1.58	69	46583	57.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.82%
11) 1,1-Dichloroethene-d2	2.13	63	91439	38.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.02%
21) 2-Butanone-d5	3.93	46	71212	113.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.18%
24) Chloroform-d	4.40	84	118728	44.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.82%
26) 1,2-Dichloroethane-d4	5.08	65	72993	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
32) Benzene-d6	5.10	84	250917	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
36) 1,2-Dichloropropane-d6	6.12	67	71013	50.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.70%
41) Toluene-d8	7.36	98	224332	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	7.66	79	33879	44.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.54%
47) 2-Hexanone-d5	8.13	63	49181	92.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.05%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	92389	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.67	152	91864	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%

Target Compounds

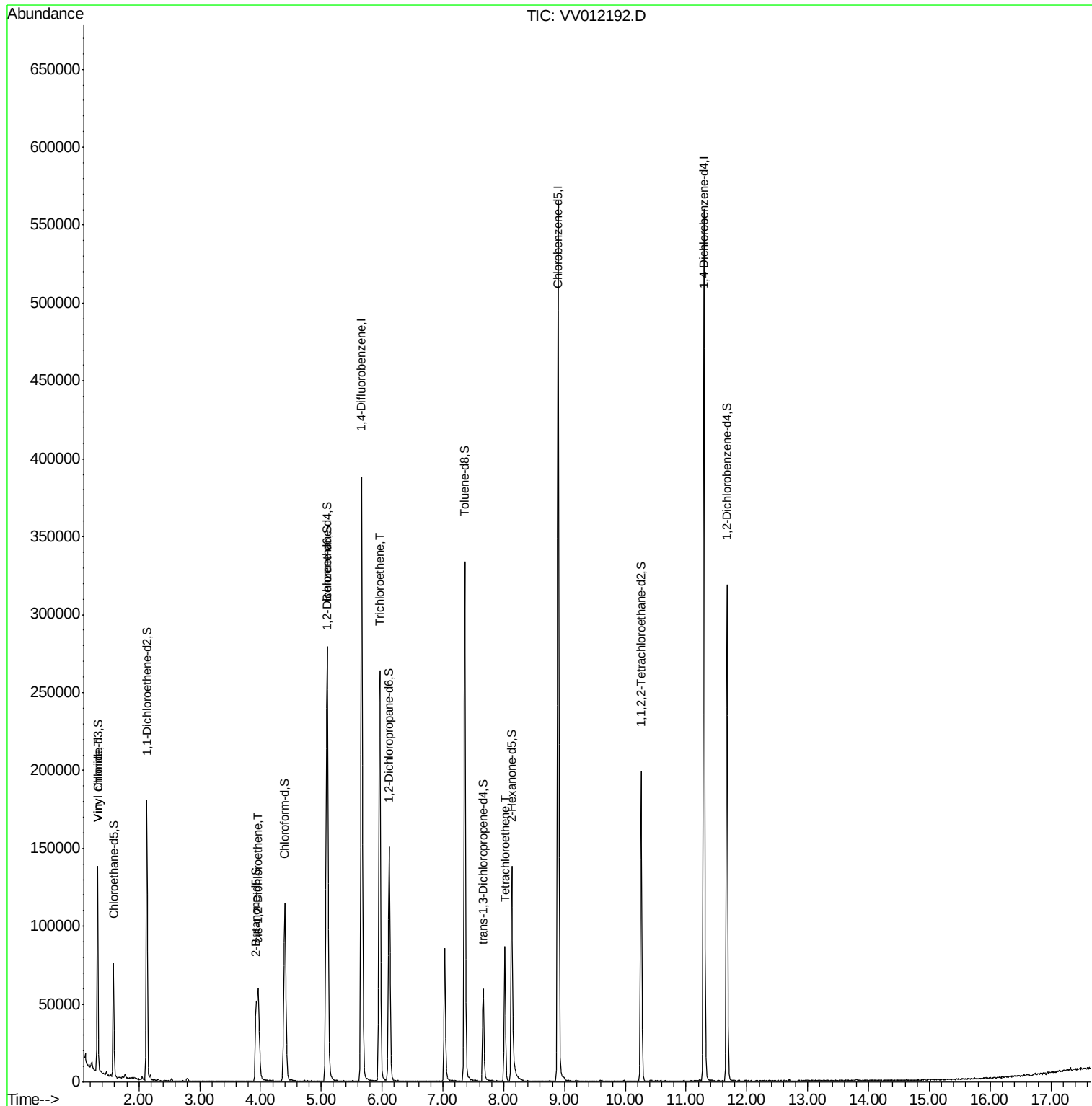
					Qvalue
5) Vinyl chloride	1.32	62	17183	8.985 ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	28822	12.391 ug/L	96
34) Trichloroethene	5.96	95	87995	38.518 ug/L	94
46) Tetrachloroethene	8.02	164	19997	9.157 ug/L	94

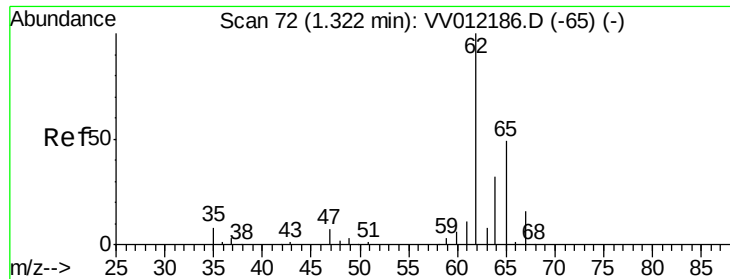
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 8.985 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

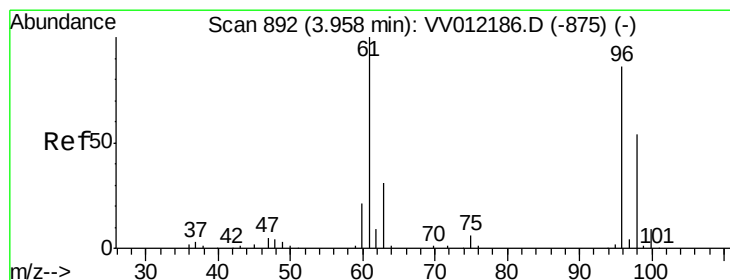
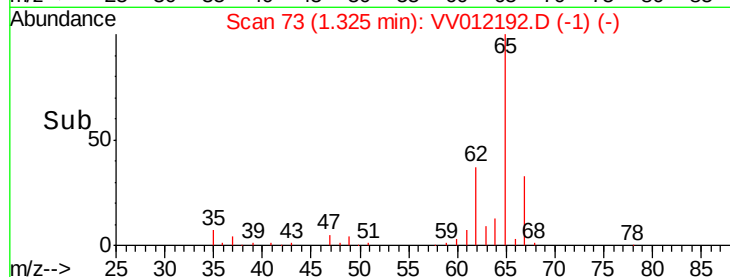
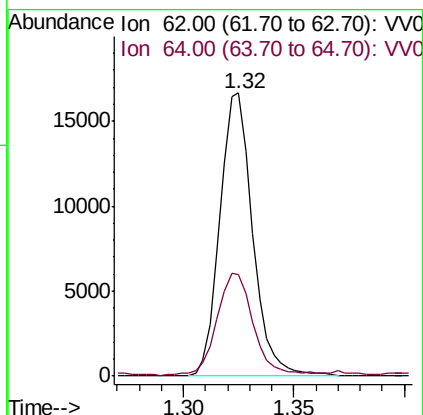
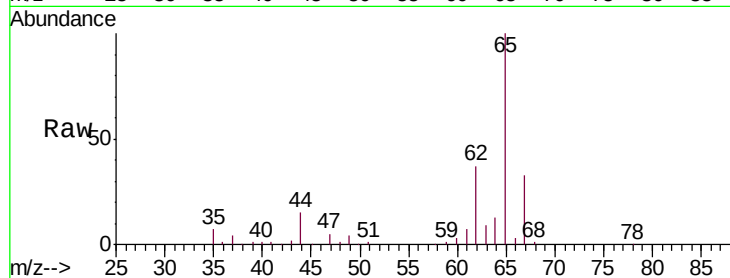
F2B14DL

Tgt Ion: 62 Resp: 17183

Ion Ratio Lower Upper

62 100

64 35.8 23.7 44.1



#20

cis-1,2-Dichloroethene

Concen: 12.391 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

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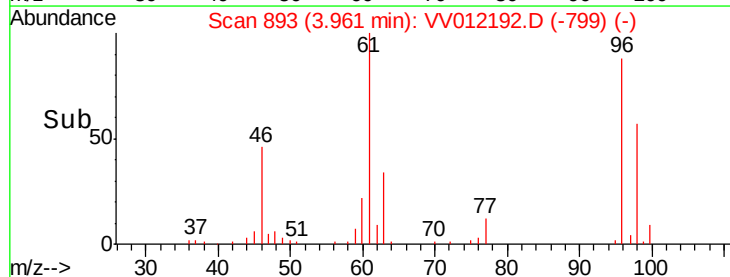
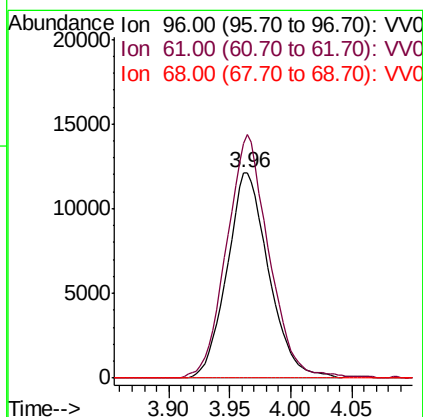
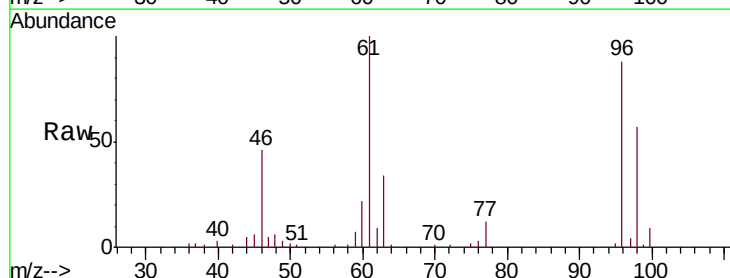
Tgt Ion: 96 Resp: 28822

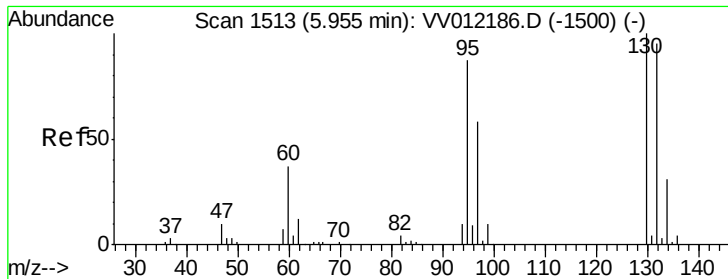
Ion Ratio Lower Upper

96 100

61 114.3 82.9 153.9

68 0.0 0.0 0.0

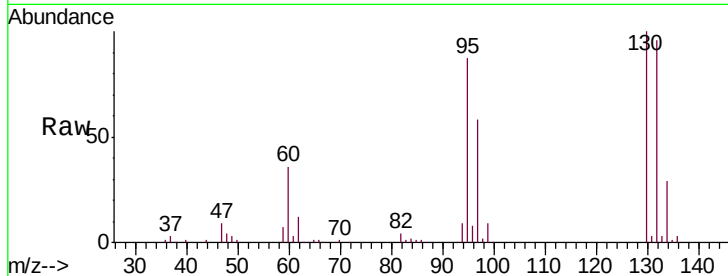




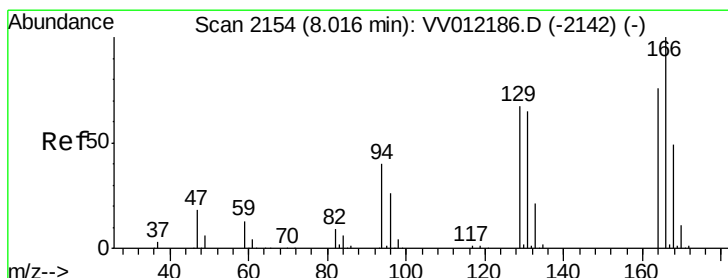
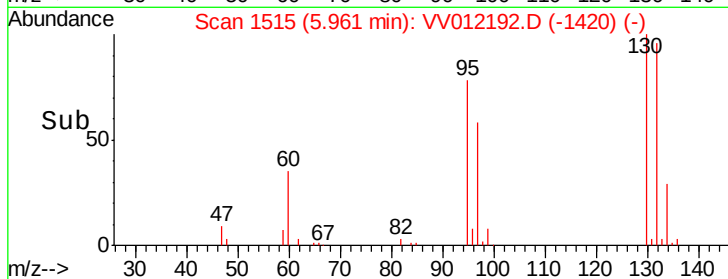
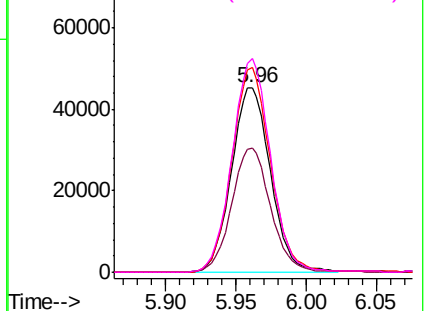
#34
 Trichloroethene
 Concen: 38.518 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.01 min
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Tgt Ion: 95 Resp: 87995
 Ion Ratio Lower Upper
 95 100
 97 67.1 44.7 83.1
 132 111.0 72.7 134.9
 130 115.5 75.9 141.1

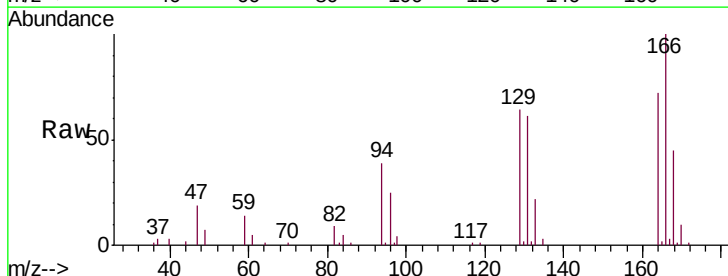


Abundance Ion 95.00 (94.70 to 95.70): VV012186.D (-1500) (-)
 Ion 97.00 (96.70 to 97.70): VV012186.D (-1500) (-)
 Ion 132.00 (131.70 to 132.70): VV012186.D (-1500) (-)
 Ion 130.00 (129.70 to 130.70): VV012186.D (-1500) (-)



#46
 Tetrachloroethene
 Concen: 9.157 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV012192.D
 Acq: 11 Aug 2019 14:45

Tgt Ion: 164 Resp: 19997
 Ion Ratio Lower Upper
 164 100
 129 88.0 60.6 112.6
 131 84.7 59.5 110.5
 166 138.0 87.2 161.9



Abundance Ion 164.00 (163.70 to 164.70): VV012186.D (-2142) (-)
 Ion 129.00 (128.70 to 129.70): VV012186.D (-2142) (-)
 Ion 131.00 (130.70 to 131.70): VV012186.D (-2142) (-)
 Ion 166.00 (165.70 to 166.70): VV012186.D (-2142) (-)

