

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018035.D
 Acq On : 17 Aug 2020 19:07
 Operator : SY/MD
 Sample : L3665-16DL 50X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L36DL

Quant Time: Aug 18 03:21:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271654	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	267168	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127976	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88898	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.78%
7) Chloroethane-d5	1.58	69	78193	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.12	63	134068	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	3.91	46	126328	93.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	4.38	84	168657	44.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	115257	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
32) Benzene-d6	5.08	84	338986	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.09	67	109606	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.06%
41) Toluene-d8	7.34	98	294508	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	7.64	79	48993	44.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.74%
47) 2-Hexanone-d5	8.11	63	60222	77.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	134415	42.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	123912	49.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

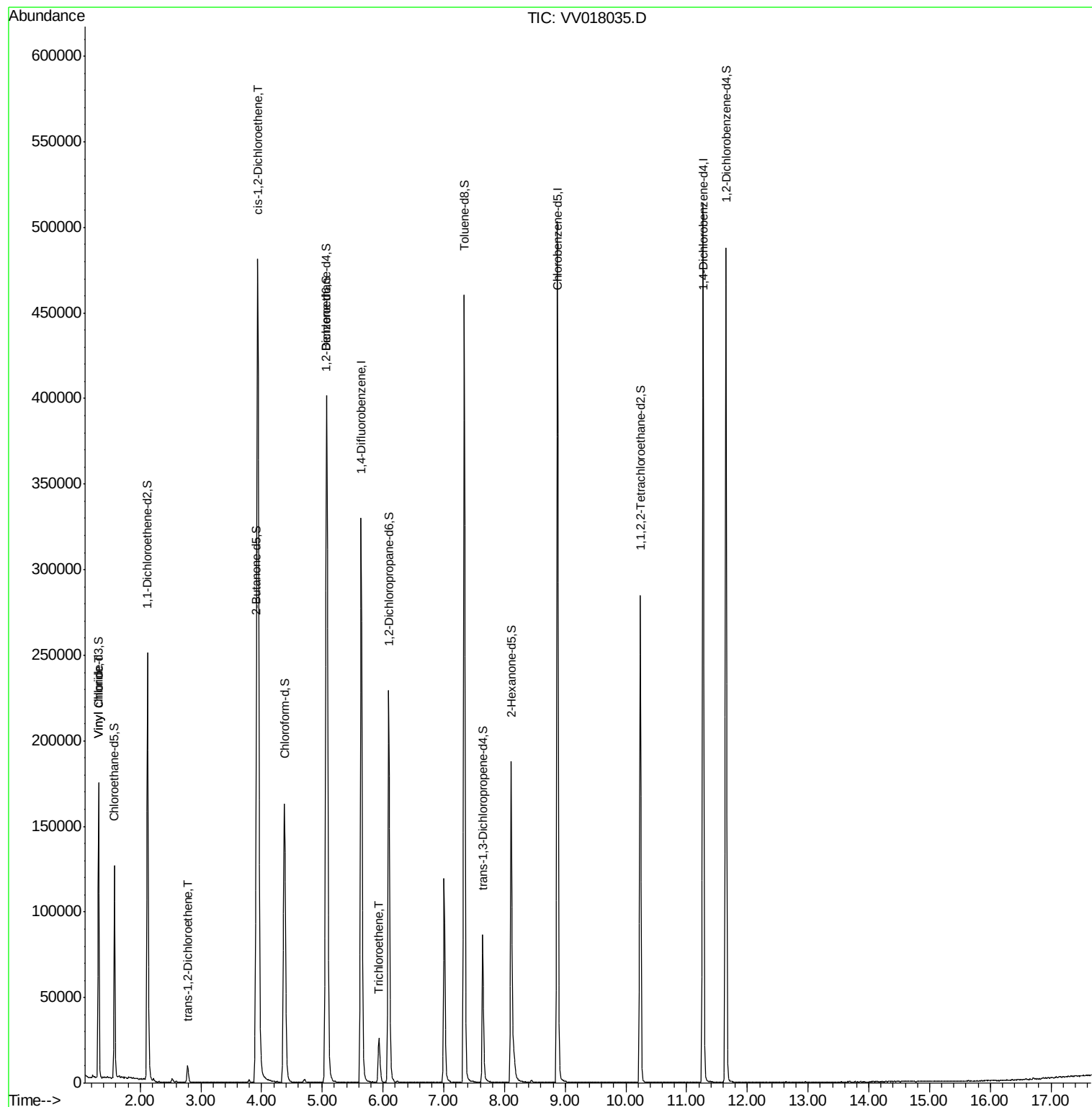
					Ovalue
5) Vinyl chloride	1.32	62	19100	7.913 ug/L	90
17) trans-1,2-Dichloroethene	2.78	96	3360	1.794 ug/L	86
20) cis-1,2-Dichloroethene	3.94	96	250467	121.679 ug/L	99
34) Trichloroethene	5.94	95	4615	2.112 ug/L	97

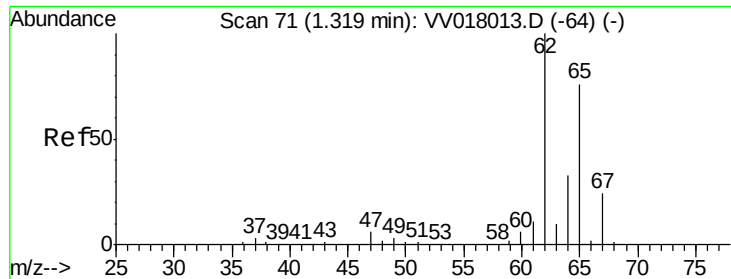
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.913 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018035.D

Acq: 17 Aug 2020 19:07

Instrument :

MSVOA_V

ClientSampleId :

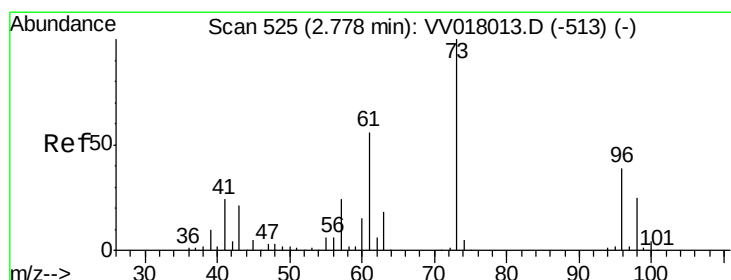
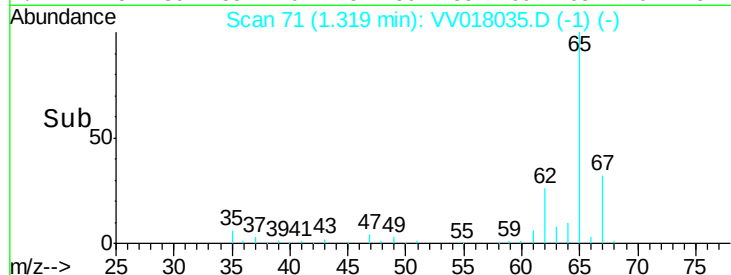
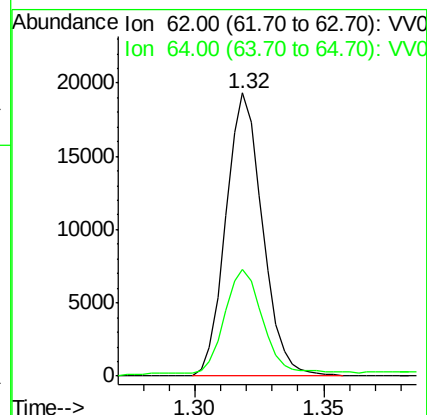
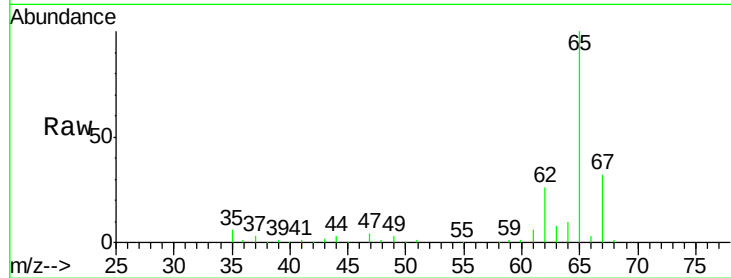
F4L36DL

Tot Ion: 62 Resp: 19100

Ion Ratio Lower Upper

62 100

64 37.7 22.4 41.6



#17

trans-1,2-Dichloroethene

Concen: 1.794 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV018035.D

Acq: 17 Aug 2020 19:07

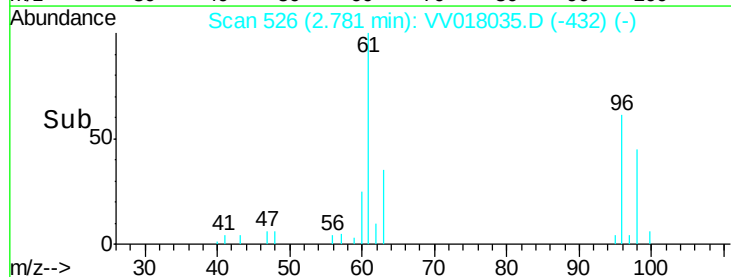
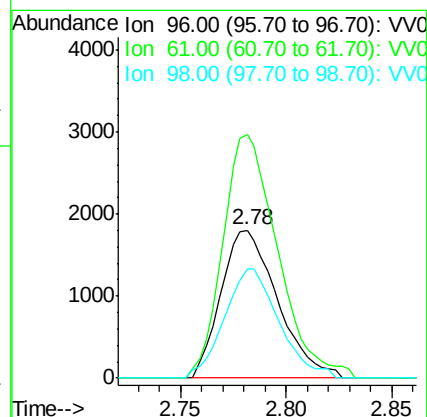
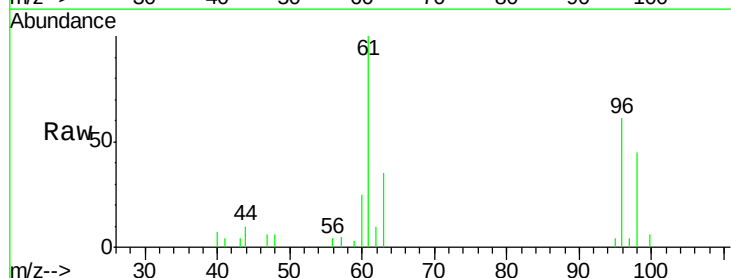
Tgt Ion: 96 Resp: 3360

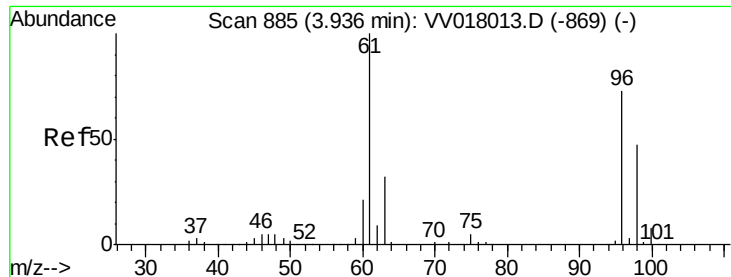
Ion Ratio Lower Upper

96 100

61 164.3 102.4 190.2

98 73.9 44.4 82.5

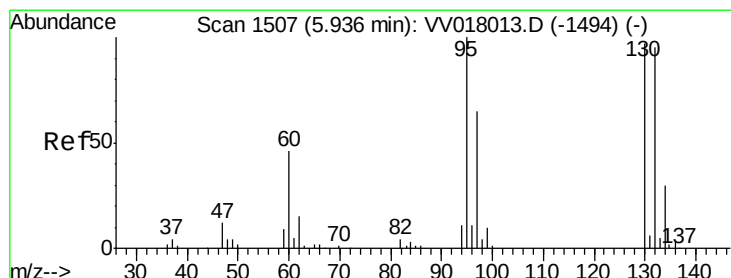
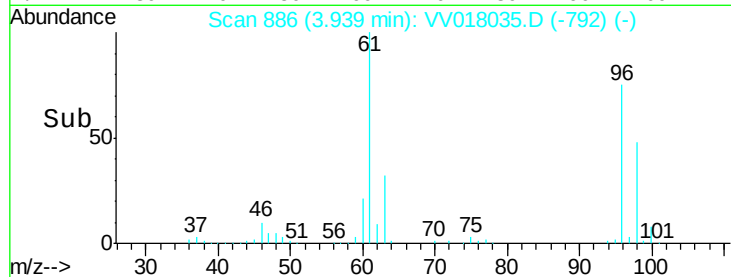
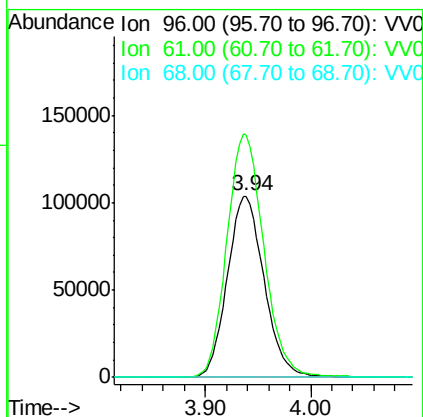
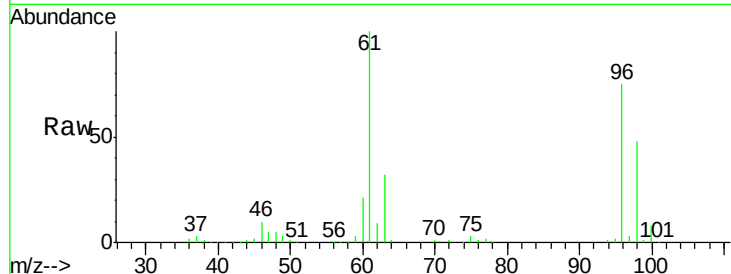




#20
 cis-1,2-Dichloroethene
 Concen: 121.679 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV018035.D
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 F4L36DL

Tot Ion: 96 Resp: 250467
 Ion Ratio Lower Upper
 96 100
 61 134.0 95.0 176.4
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 2.112 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018035.D
 Acq: 17 Aug 2020 19:07

Tgt Ion: 95 Resp: 4615
 Ion Ratio Lower Upper
 95 100
 97 69.6 46.0 85.4
 132 98.6 65.8 122.2
 130 99.1 69.2 128.6

