

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101520\
 Data File : VV018913.D
 Acq On : 15 Oct 2020 16:15
 Operator : SY/MD
 Sample : L4289-09RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ8RE

Quant Time: Oct 16 12:15:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 16 08:38:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	253505	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250198	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117449	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137885	66.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	132.16%
7) Chloroethane-d5	1.58	69	108773	65.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.58%#
11) 1,1-Dichloroethene-d2	2.12	63	199006	50.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.04%
21) 2-Butanone-d5	3.91	46	181680	124.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.91%
24) Chloroform-d	4.37	84	236186	62.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.98%#
26) 1,2-Dichloroethane-d4	5.05	65	165063	66.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.66%#
32) Benzene-d6	5.07	84	485445	66.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.92%#
36) 1,2-Dichloropropane-d6	6.09	67	155334	66.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	133.02%#
41) Toluene-d8	7.33	98	426336	65.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	130.14%#
43) trans-1,3-Dichloropropene-	7.64	79	70048	61.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.72%
47) 2-Hexanone-d5	8.11	63	98875	113.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.97%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	176906	64.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	129.28%#
64) 1,2-Dichlorobenzene-d4	11.65	152	171570	71.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	143.60%#

Target Compounds

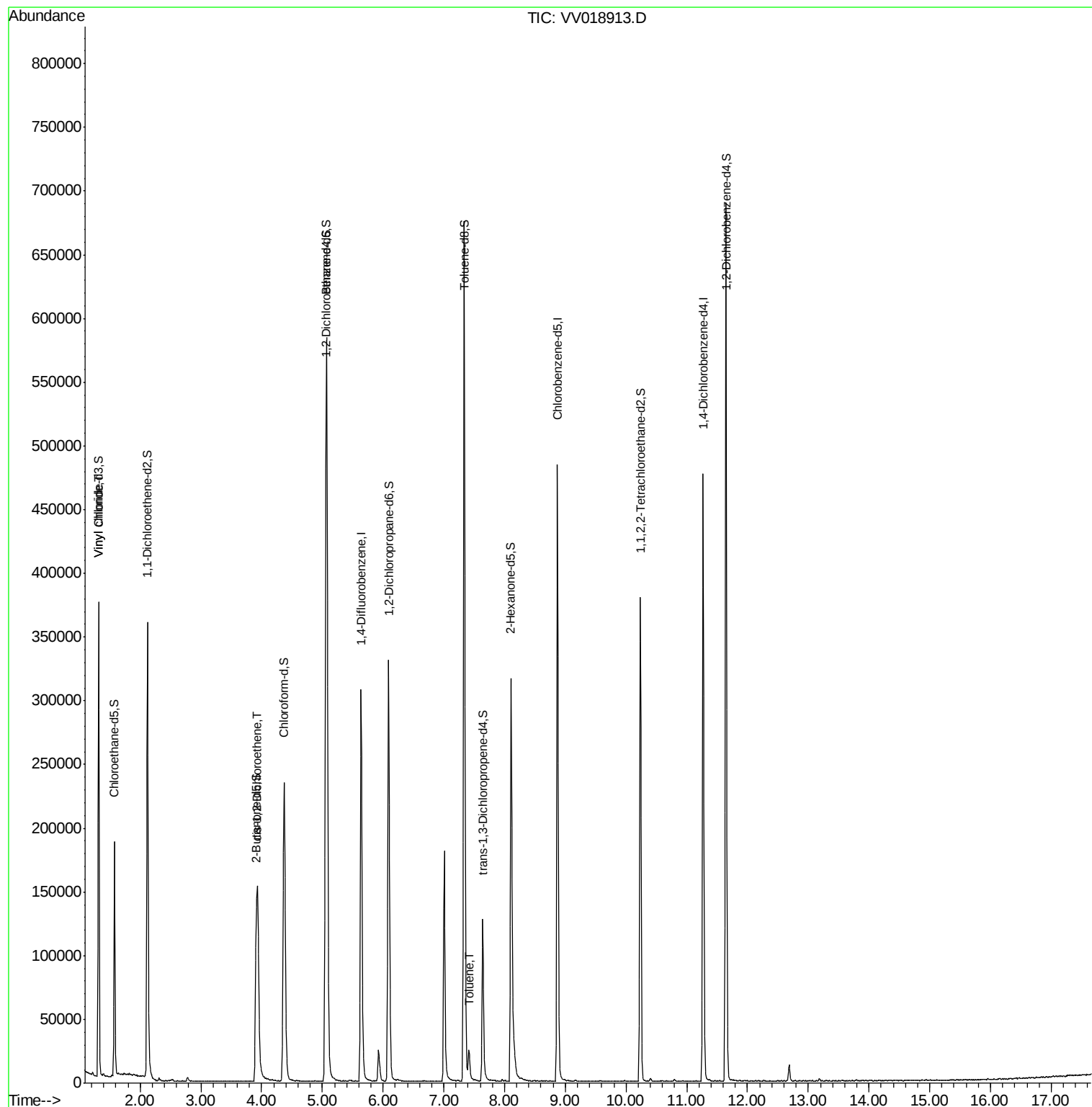
					Ovalue
5) Vinyl chloride	1.32	62	102570	42.867	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	56966	29.053	ug/L 97
42) Toluene	7.41	91	16548	2.089	ug/L 98

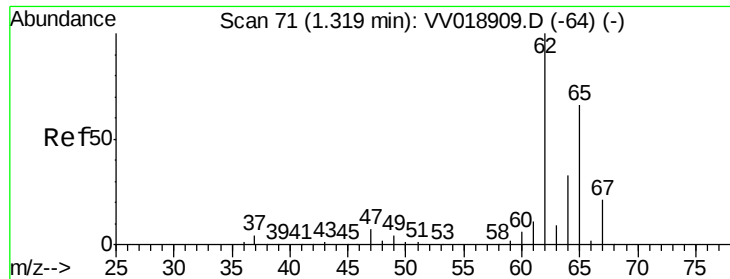
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 42.867 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

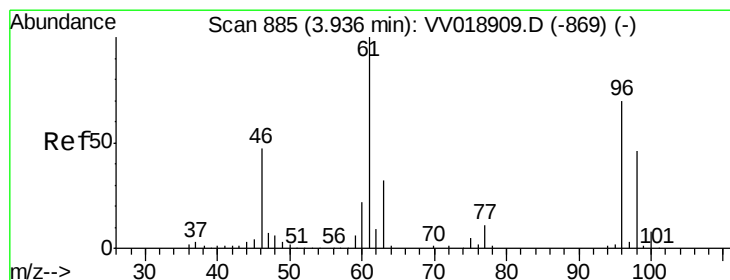
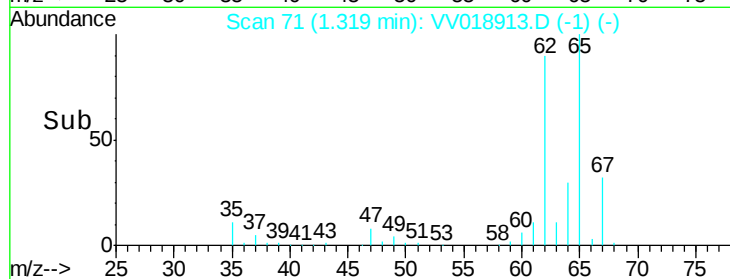
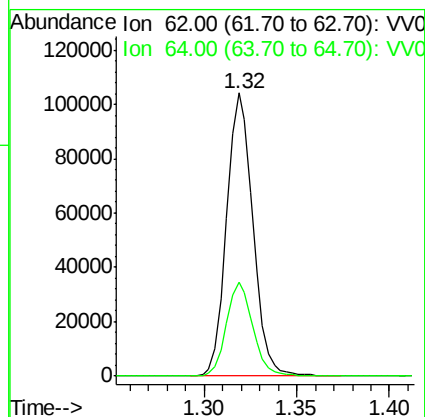
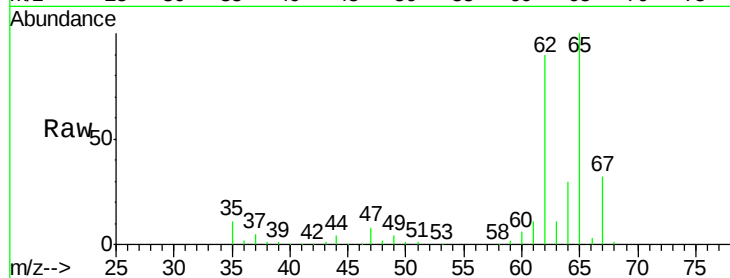
C0AJ8RE

Tot Ion: 62 Resp: 102570

Ion Ratio Lower Upper

62 100

64 33.1 23.2 43.2



#20

cis-1,2-Dichloroethene

Concen: 29.053 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

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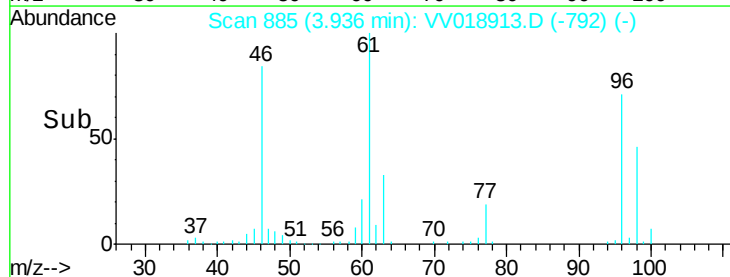
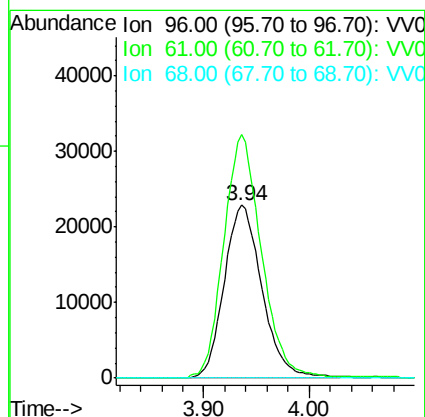
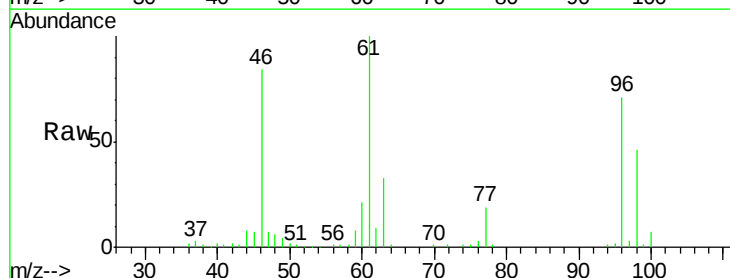
Tgt Ion: 96 Resp: 56966

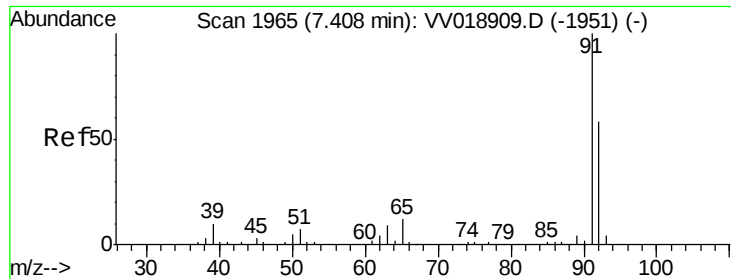
Ion Ratio Lower Upper

96 100

61 141.1 96.1 178.5

68 0.0 0.0 0.0





#42

Toluene

Concen: 2.089 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

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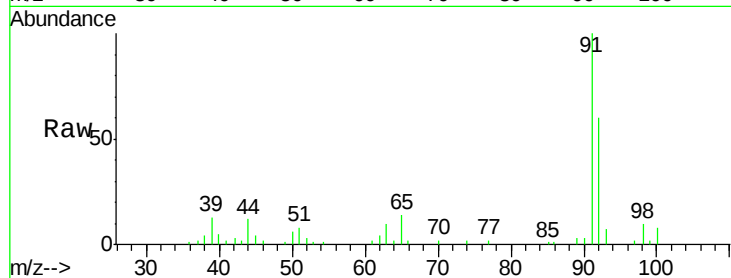
C0AJ8RE

Tot Ion: 91 Resp: 16548

Ion Ratio Lower Upper

91 100

92 60.4 41.2 76.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

