

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018881.D
 Acq On : 13 Oct 2020 16:34
 Operator : SY/MD
 Sample : L4289-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK4

Quant Time: Oct 14 03:12:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 01:28:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	338216	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334985	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	117018	38.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.16%
7) Chloroethane-d5	1.58	69	97733	39.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.02%
11) 1,1-Dichloroethene-d2	2.12	63	177993	30.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.08%
21) 2-Butanone-d5	3.91	46	185008	98.05	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.05%
24) Chloroform-d	4.38	84	224788	41.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.92%
26) 1,2-Dichloroethane-d4	5.06	65	157789	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
32) Benzene-d6	5.07	84	450111	41.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.50%
36) 1,2-Dichloropropane-d6	6.09	67	148541	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.52%
41) Toluene-d8	7.34	98	393645	41.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.26%
43) trans-1,3-Dichloropropene-	7.64	79	67474	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.54%
47) 2-Hexanone-d5	8.11	63	100921	81.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	164897	40.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	159292	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

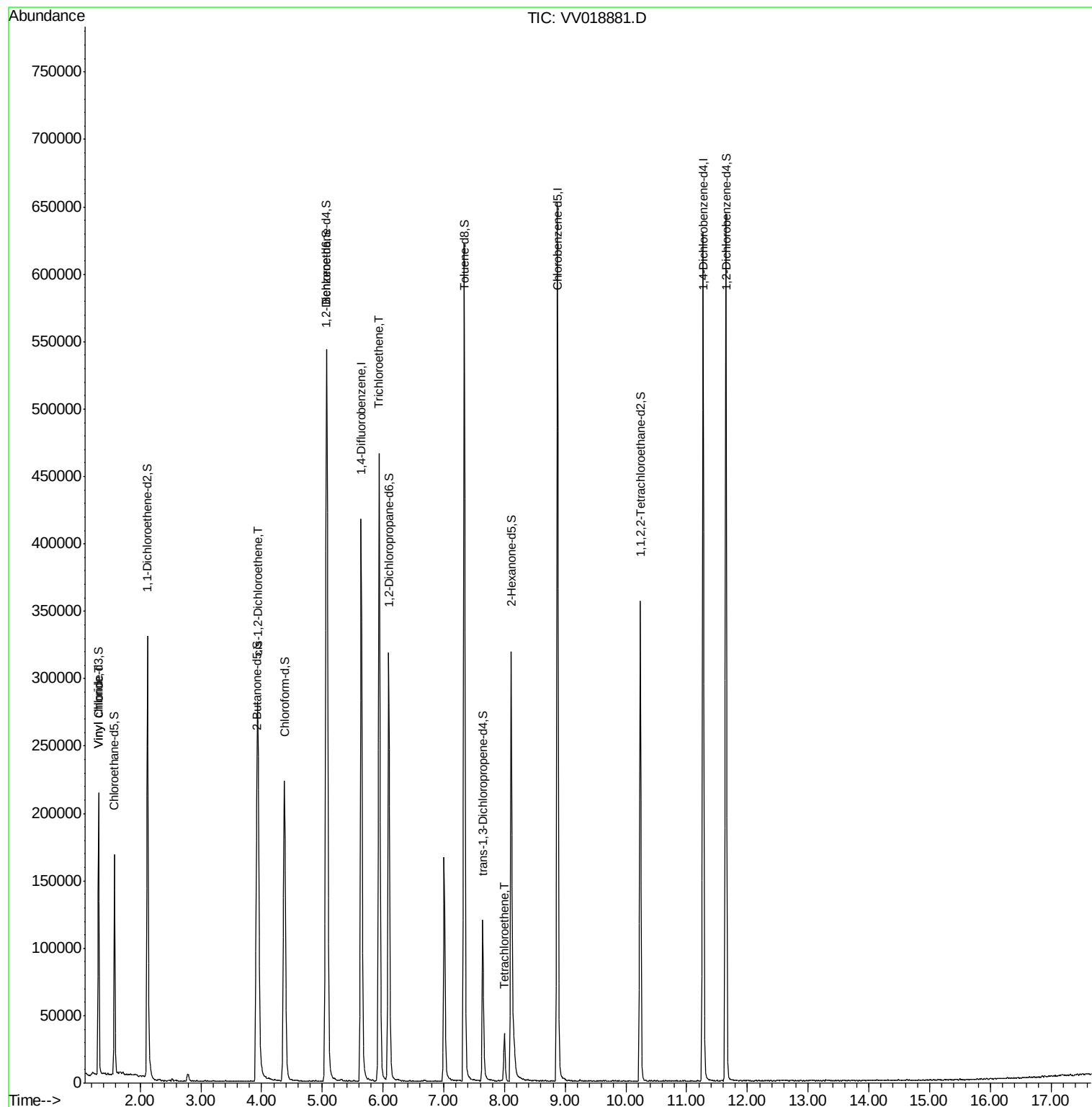
					Ovalue
5) Vinyl chloride	1.32	62	12202	4.086	ug/L # 70
20) cis-1,2-Dichloroethene	3.94	96	124804	47.794	ug/L 99
34) Trichloroethene	5.94	95	154601	50.544	ug/L 99
46) Tetrachloroethene	8.00	164	8124	3.624	ug/L 98

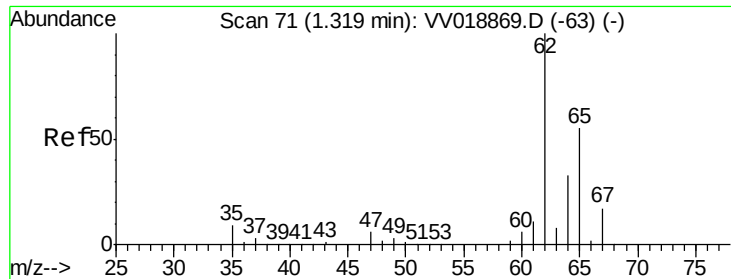
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.086 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018881.D

Acq: 13 Oct 2020 16:34

Instrument :

MSVOA_V

ClientSampled :

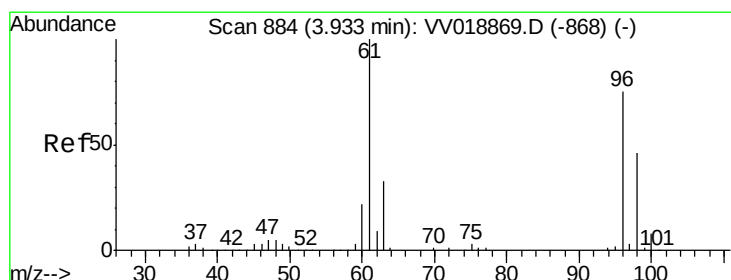
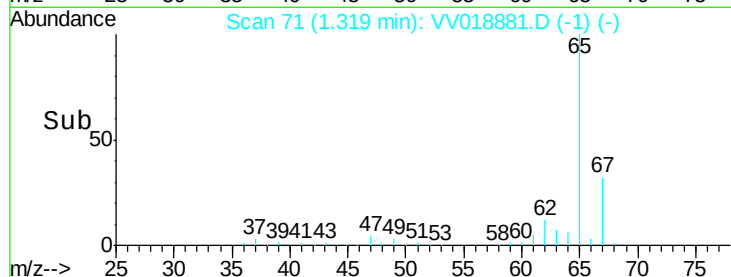
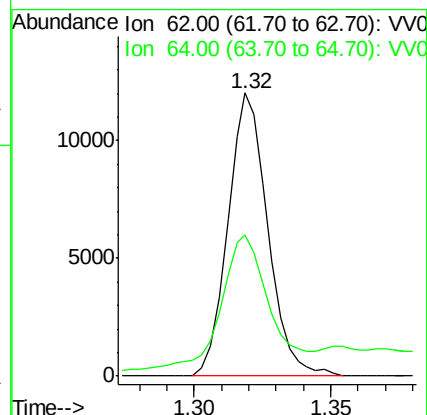
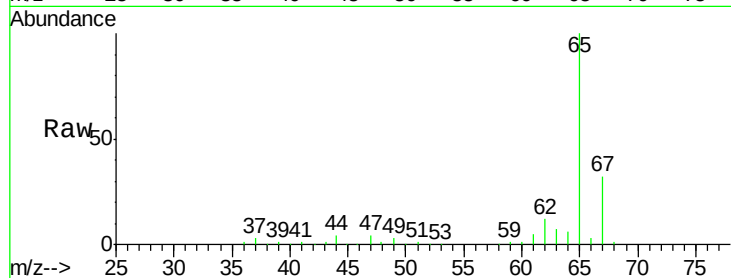
C0AK4

Tot Ion: 62 Resp: 12202

Ion Ratio Lower Upper

62 100

64 50.0 23.2 43.0#



#20

cis-1,2-Dichloroethene

Concen: 47.794 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018881.D

Acq: 13 Oct 2020 16:34

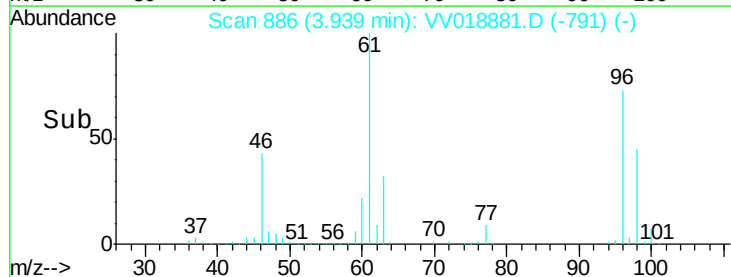
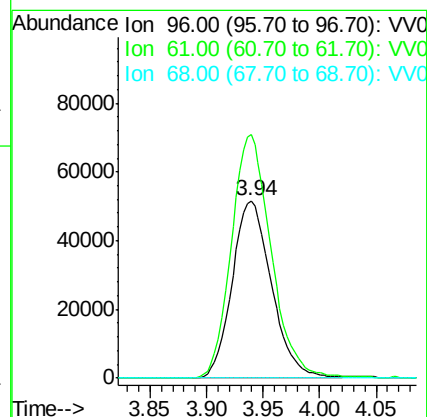
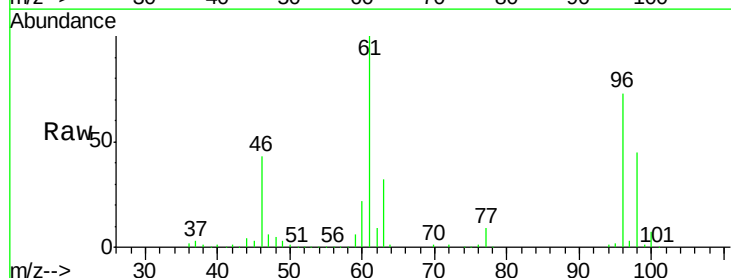
Tgt Ion: 96 Resp: 124804

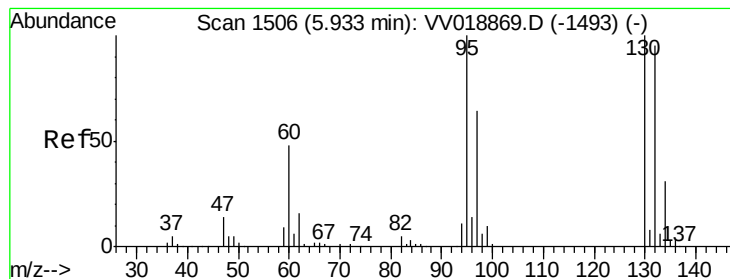
Ion Ratio Lower Upper

96 100

61 137.2 97.3 180.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 50.544 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018881.D

Acq: 13 Oct 2020 16:34

Instrument :

MSVOA_V

ClientSampleId :

C0AK4

Tot Ion: 95 Resp: 154601

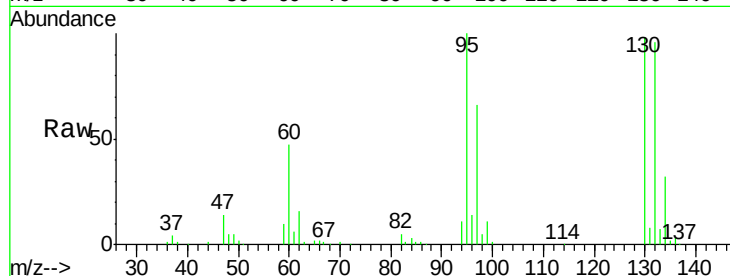
Ion Ratio Lower Upper

95 100

97 65.6 45.1 83.9

132 95.9 66.2 123.0

130 98.5 69.1 128.3

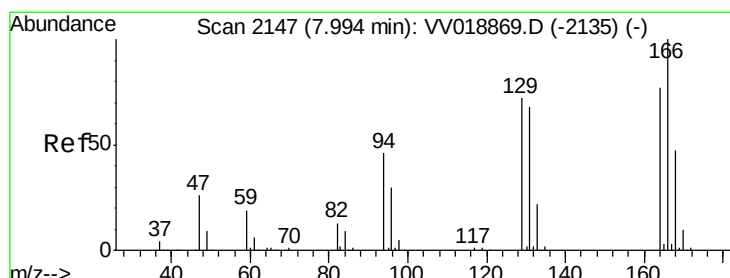
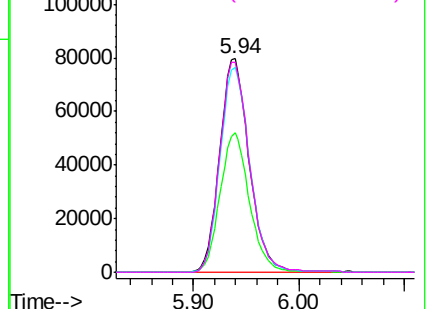
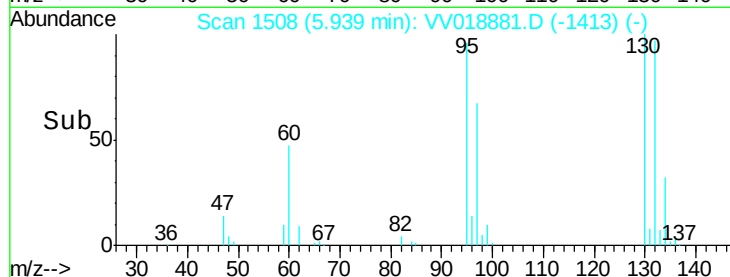


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 3.624 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018881.D

Acq: 13 Oct 2020 16:34

Tgt Ion: 164 Resp: 8124

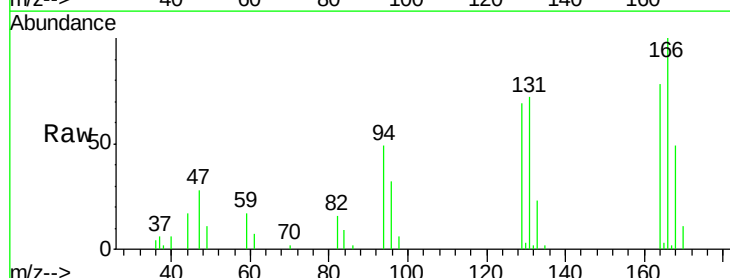
Ion Ratio Lower Upper

164 100

129 87.8 64.6 120.0

131 91.7 63.6 118.0

166 127.6 88.3 164.1



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

