

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101320\
 Data File : VV018880.D
 Acq On : 13 Oct 2020 16:11
 Operator : SY/MD
 Sample : L4289-12
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK3

Quant Time: Oct 14 03:06:44 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	341950	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	339361	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	160228	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118888	38.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.52%
7) Chloroethane-d5	1.58	69	97242	38.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.76%
11) 1,1-Dichloroethene-d2	2.12	63	179174	29.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.82%#
21) 2-Butanone-d5	3.90	46	183275	96.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.07%
24) Chloroform-d	4.38	84	226324	41.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.58%
26) 1,2-Dichloroethane-d4	5.06	65	158424	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
32) Benzene-d6	5.07	84	448536	41.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.14%
36) 1,2-Dichloropropane-d6	6.09	67	147452	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.82%
41) Toluene-d8	7.34	98	393750	40.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.22%
43) trans-1,3-Dichloropropene-	7.64	79	64730	37.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.38%
47) 2-Hexanone-d5	8.11	63	100884	80.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.83%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	175781	42.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.82%
64) 1,2-Dichlorobenzene-d4	11.65	152	158434	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%

Target Compounds

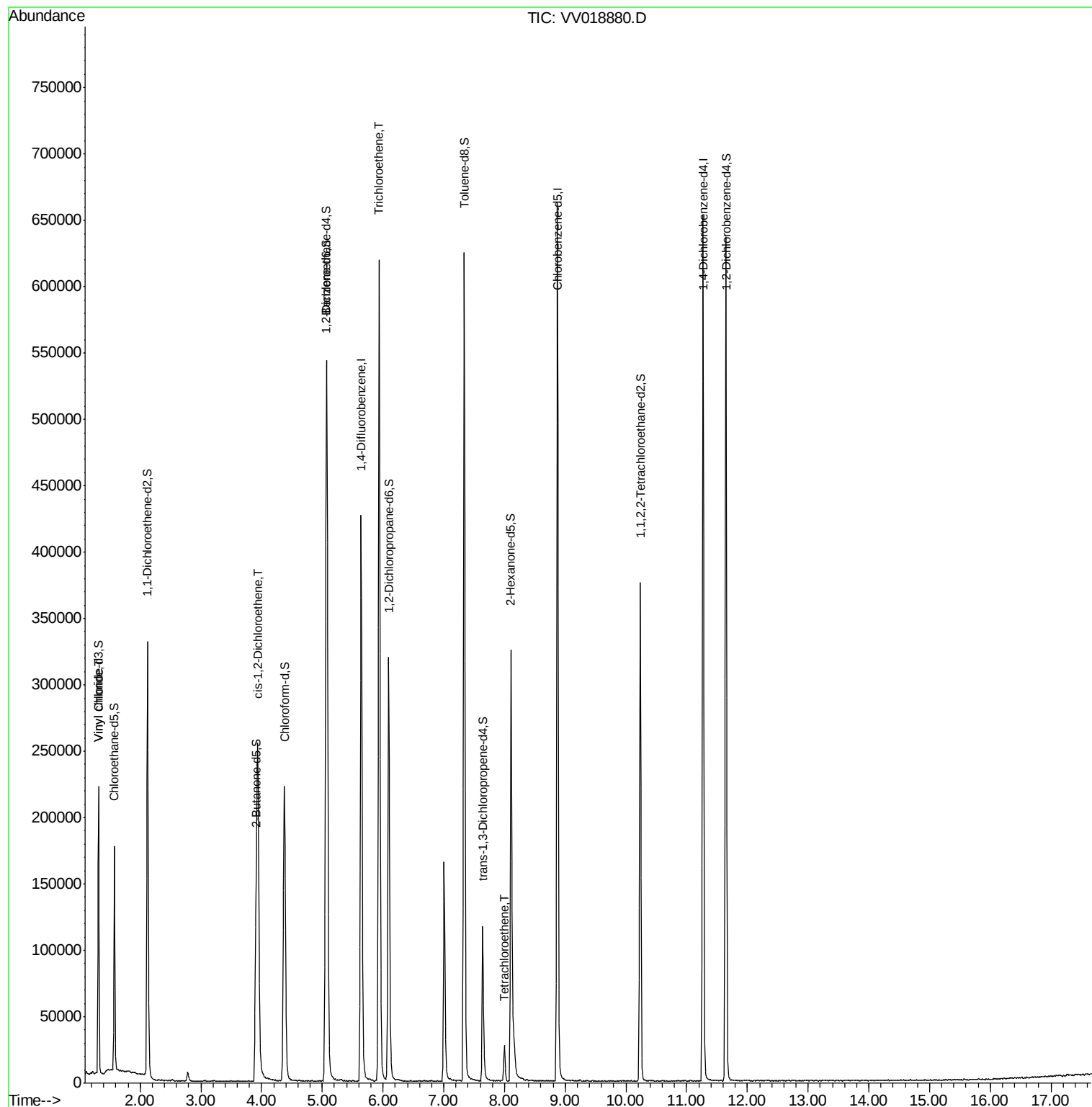
					Ovalue
5) Vinyl chloride	1.32	62	13224	4.380	ug/L # 75
20) cis-1,2-Dichloroethene	3.94	96	122346	46.341	ug/L 99
34) Trichloroethene	5.94	95	210072	67.794	ug/L 99
46) Tetrachloroethene	8.00	164	5782	2.546	ug/L 95

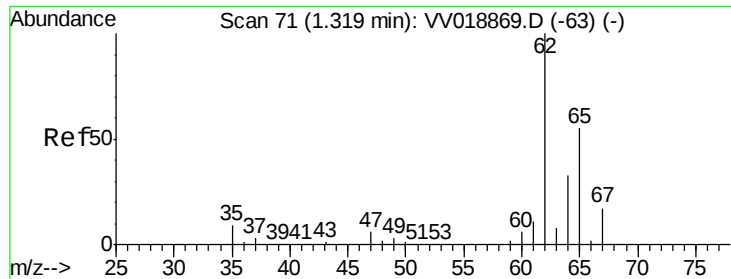
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.380 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Instrument :

MSVOA_V

ClientSampled :

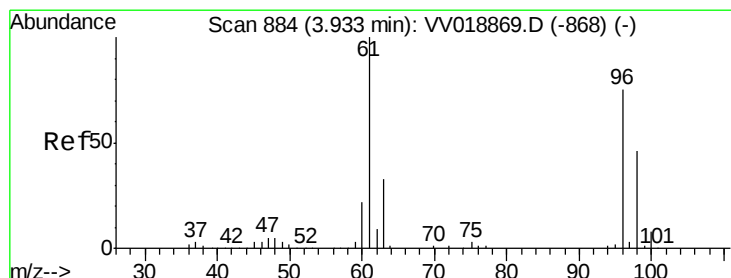
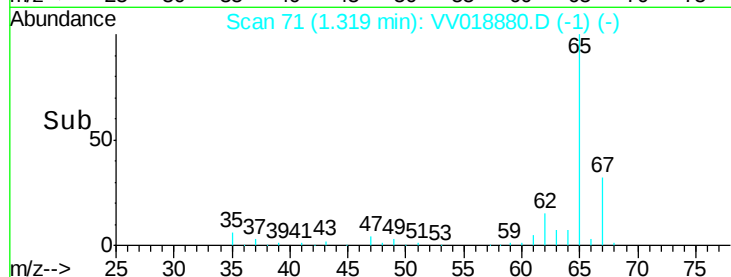
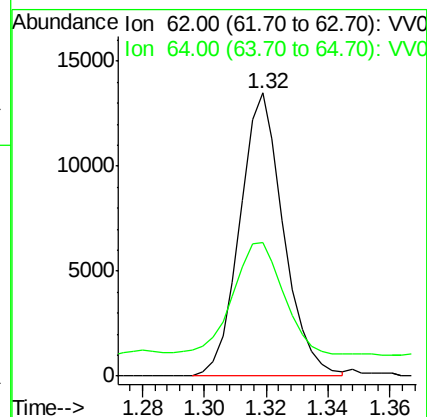
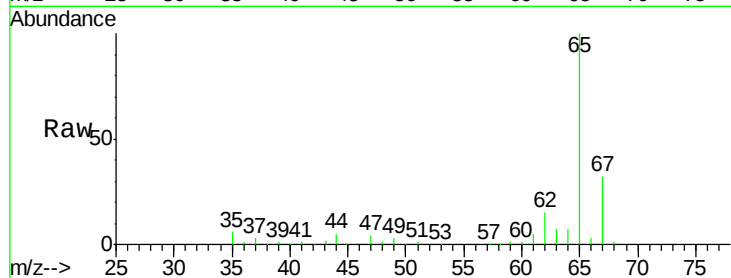
C0AK3

Tot Ion: 62 Resp: 13224

Ion Ratio Lower Upper

62 100

64 47.4 23.2 43.0#



#20

cis-1,2-Dichloroethene

Concen: 46.341 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

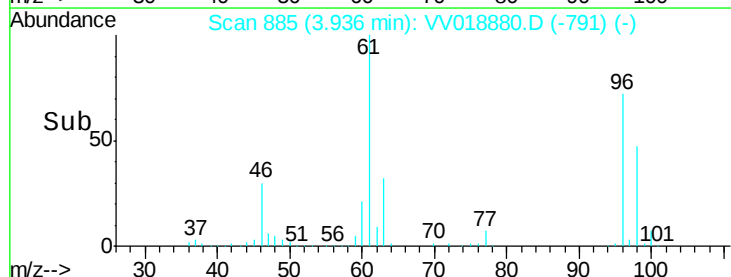
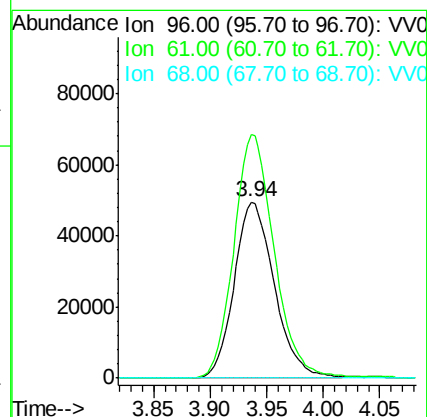
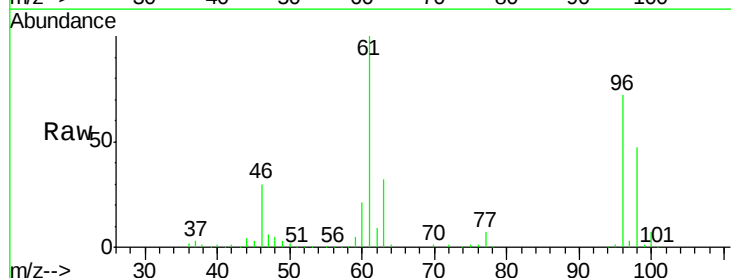
Tgt Ion: 96 Resp: 122346

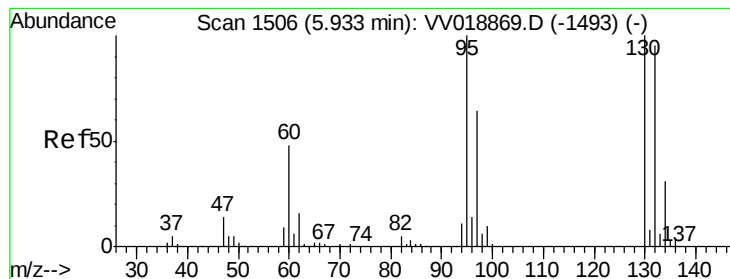
Ion Ratio Lower Upper

96 100

61 138.3 97.3 180.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 67.794 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

C0AK3

Tot Ion: 95 Resp: 210072

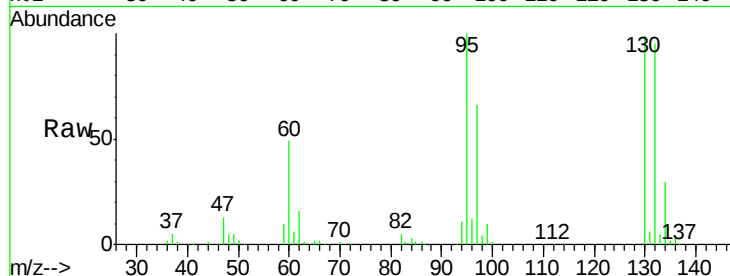
Ion Ratio Lower Upper

95 100

97 65.8 45.1 83.9

132 94.6 66.2 123.0

130 99.2 69.1 128.3

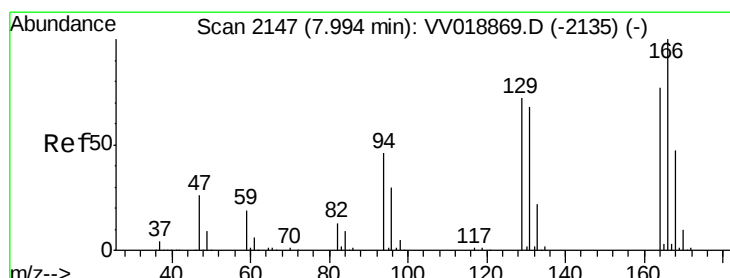
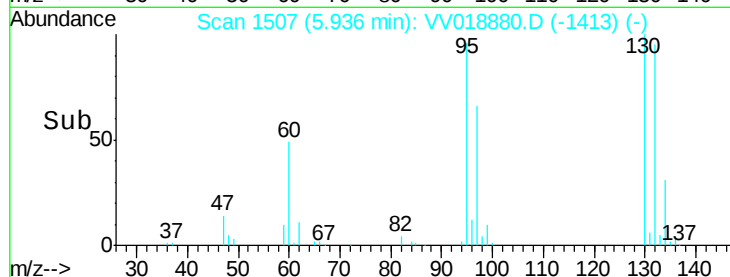
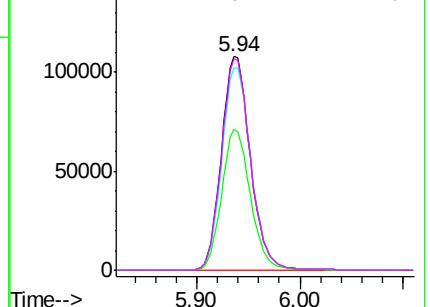


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 2.546 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018880.D

Acq: 13 Oct 2020 16:11

Tgt Ion:164 Resp: 5782

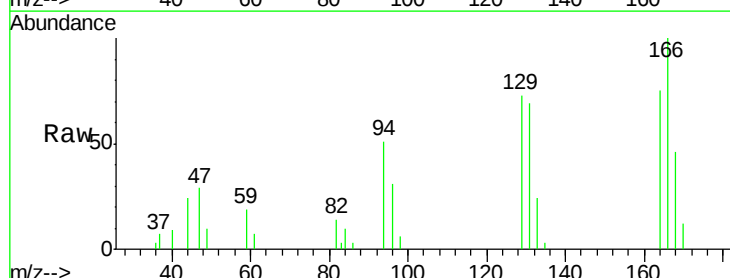
Ion Ratio Lower Upper

164 100

129 98.2 64.6 120.0

131 92.4 63.6 118.0

166 133.9 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

