

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019013.D
 Acq On : 20 Oct 2020 14:48
 Operator : SY/MD
 Sample : L4430-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB8

Quant Time: Oct 21 07:13:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 06:02:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	286709	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	133078	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74869	31.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.44%
7) Chloroethane-d5	1.58	69	76877	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.22%
11) 1,1-Dichloroethene-d2	2.12	63	133178	29.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.78%#
21) 2-Butanone-d5	3.91	46	166394	101.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.15%
24) Chloroform-d	4.38	84	189618	44.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	5.06	65	131849	46.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.68%
32) Benzene-d6	5.08	84	348946	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.46%
36) 1,2-Dichloropropane-d6	6.09	67	112036	41.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.82%
41) Toluene-d8	7.34	98	284822	37.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.94%#
43) trans-1,3-Dichloropropene-	7.64	79	49557	37.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.84%
47) 2-Hexanone-d5	8.11	63	82545	83.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	129062	41.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	124921	46.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.28%

Target Compounds

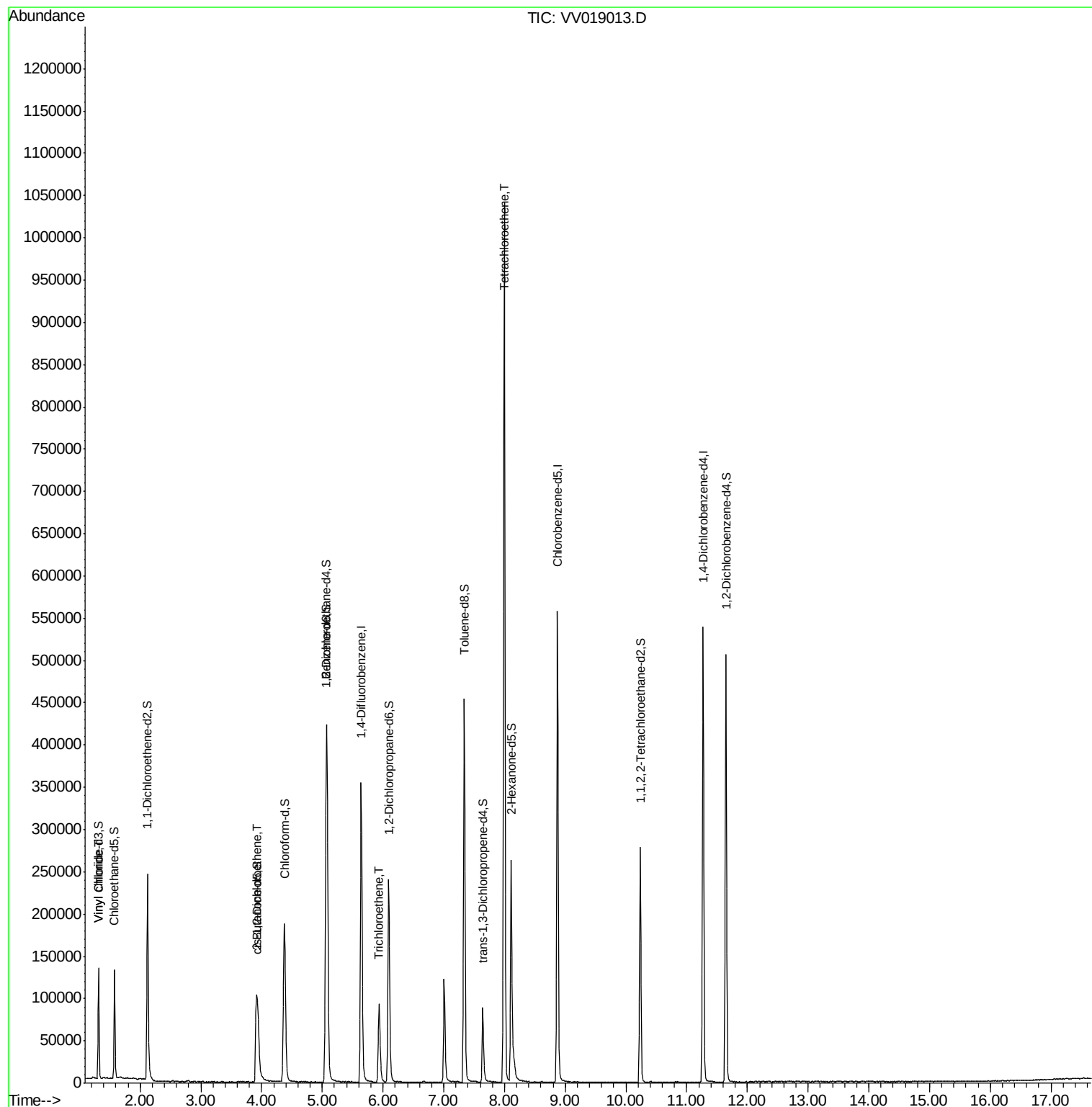
					Ovalue
5) Vinyl chloride	1.32	62	6636	2.452	ug/L # 79
20) cis-1,2-Dichloroethene	3.94	96	24346	10.979	ug/L 96
34) Trichloroethene	5.94	95	23837	9.414	ug/L 97
46) Tetrachloroethene	8.00	164	225085	126.137	ug/L 99

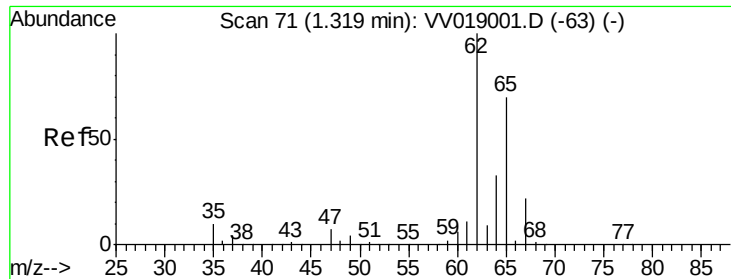
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.452 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

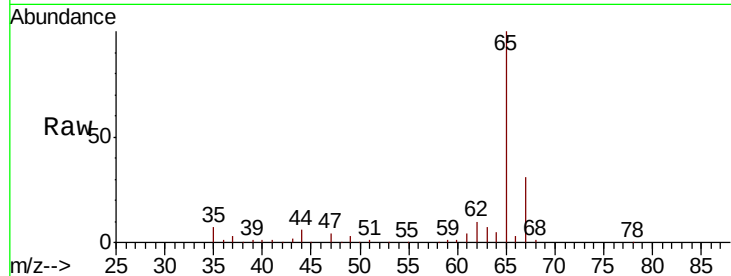
C0AB8

Tot Ion: 62 Resp: 6636

Ion Ratio Lower Upper

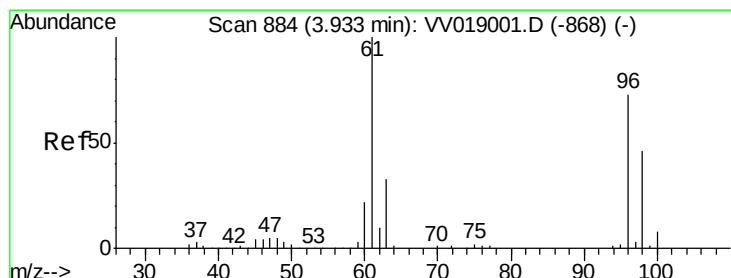
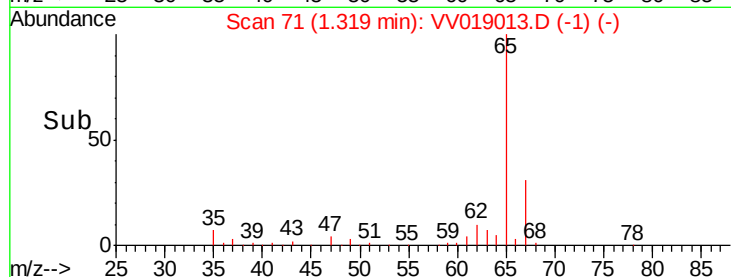
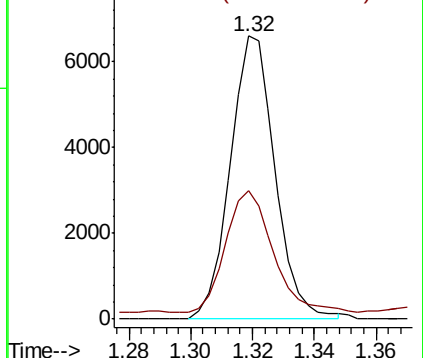
62 100

64 45.4 23.2 43.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 10.979 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV019013.D

Acq: 20 Oct 2020 14:48

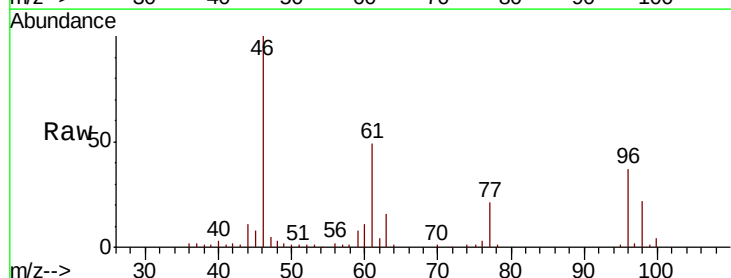
Tgt Ion: 96 Resp: 24346

Ion Ratio Lower Upper

96 100

61 132.5 96.1 178.5

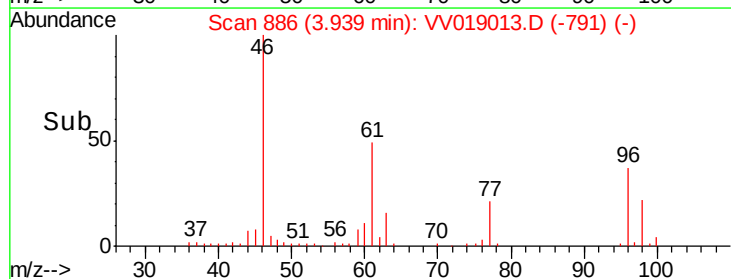
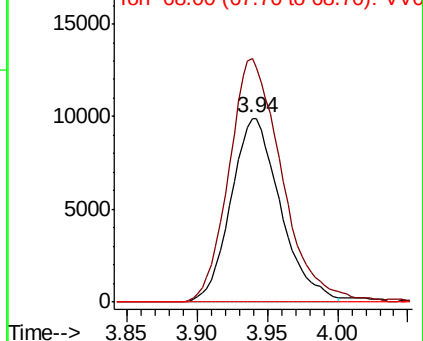
68 0.0 0.0 0.0

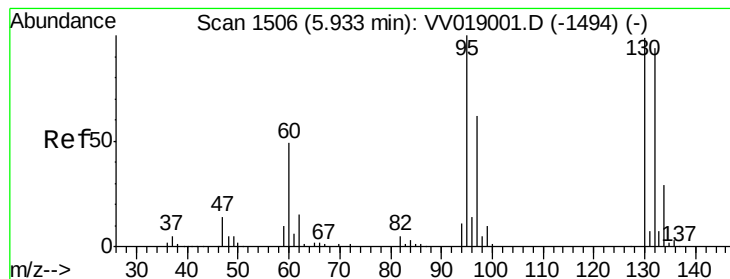


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#34

Trichloroethene

Concen: 9.414 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019013.D

Acq: 20 Oct 2020 14:48

Instrument :

MSVOA_V

ClientSampleId :

C0AB8

Tot Ion: 95 Resp: 23837

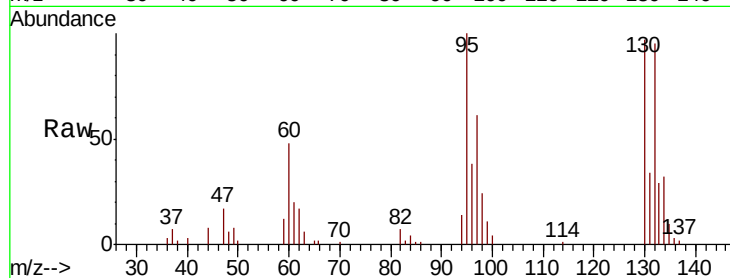
Ion Ratio Lower Upper

95 100

97 60.9 44.7 82.9

132 94.6 67.0 124.4

130 96.7 70.8 131.6

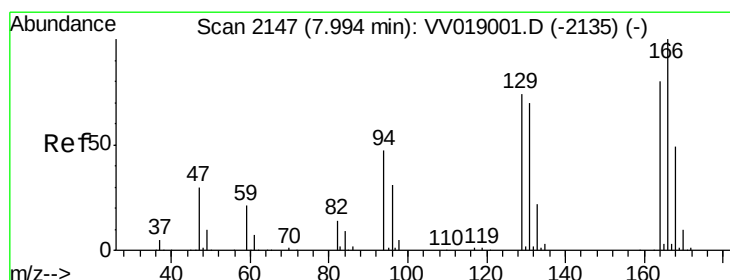
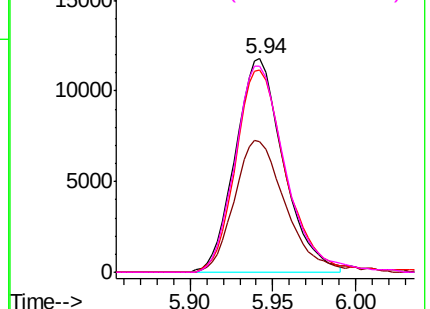
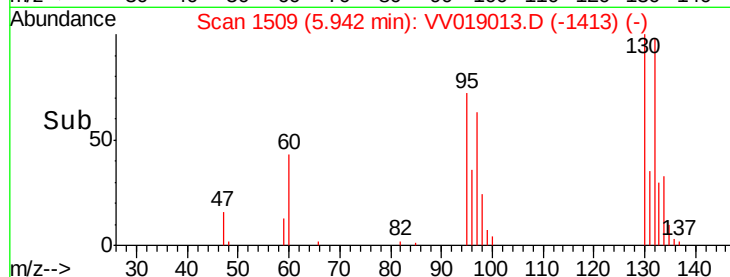


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 126.137 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019013.D

Acq: 20 Oct 2020 14:48

Tgt Ion: 164 Resp: 225085

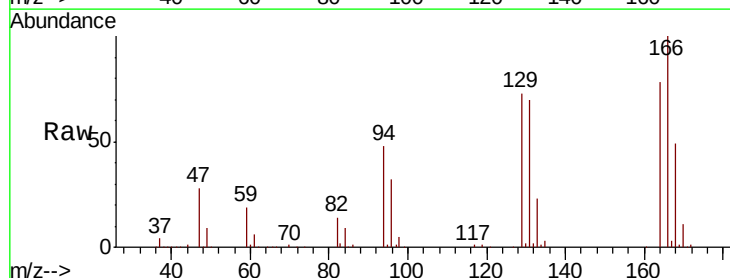
Ion Ratio Lower Upper

164 100

129 93.6 65.0 120.8

131 90.8 62.9 116.7

166 129.0 91.1 169.3



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

