

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100820\
 Data File : VV018761.D
 Acq On : 08 Oct 2020 13:38
 Operator : SY/MD
 Sample : L4235-22
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT6

Quant Time: Oct 09 07:36:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 09 07:09:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	294987	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	276137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	130513	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94375	54.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.10%
7) Chloroethane-d5	1.58	69	91888	64.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	128.48%
11) 1,1-Dichloroethene-d2	2.12	63	164076	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
21) 2-Butanone-d5	3.91	46	158066	122.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.49%
24) Chloroform-d	4.38	84	223380	59.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.42%
26) 1,2-Dichloroethane-d4	5.06	65	161692	68.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	136.16%#
32) Benzene-d6	5.07	84	452143	64.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	129.28%#
36) 1,2-Dichloropropane-d6	6.09	67	136708	64.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	129.38%#
41) Toluene-d8	7.34	98	360762	54.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.66%
43) trans-1,3-Dichloropropene-	7.64	79	62779	54.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.98%
47) 2-Hexanone-d5	8.11	63	69615	86.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.72%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	135404	48.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	150505	59.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.92%

Target Compounds

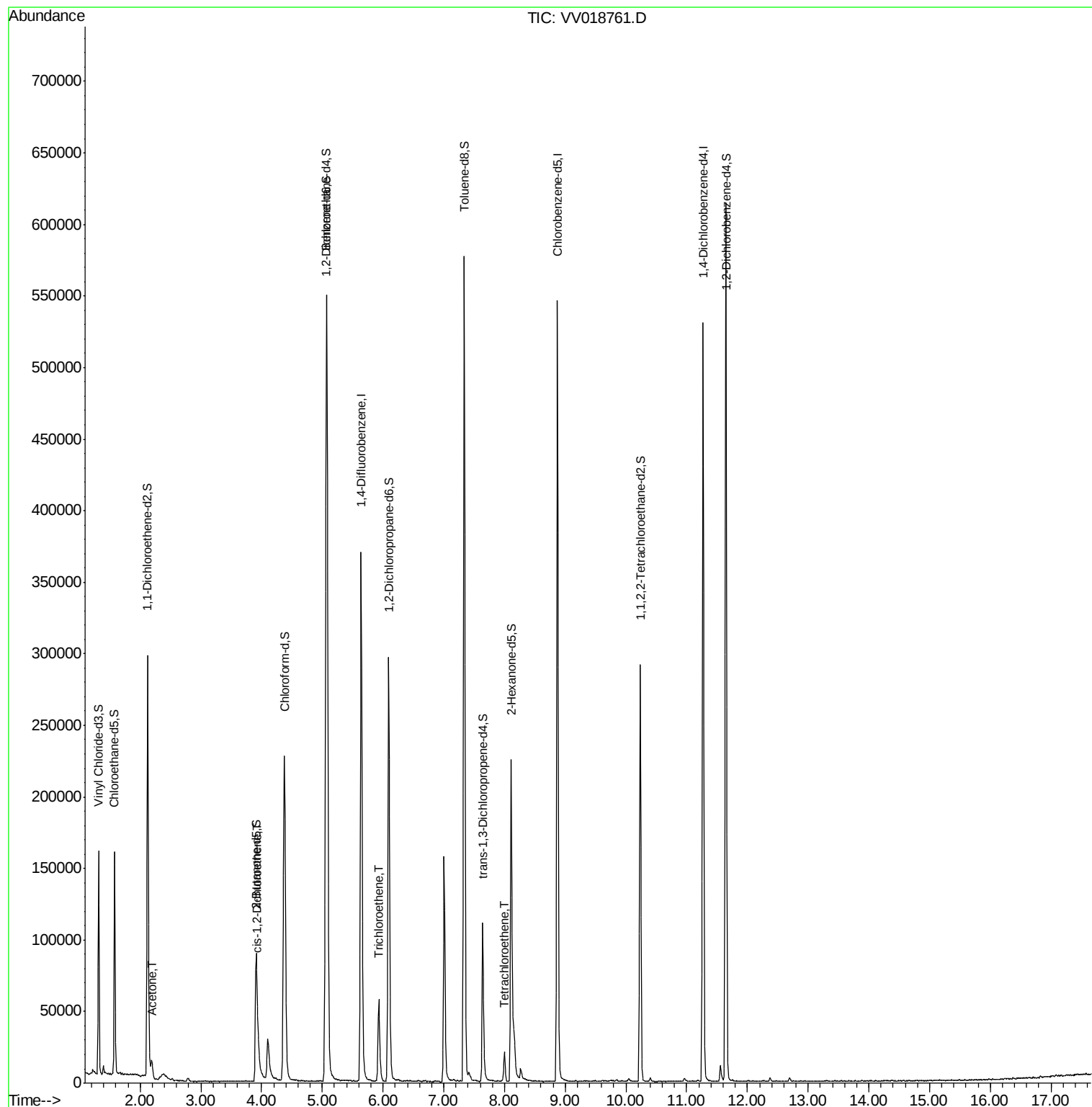
					Ovalue
13) Acetone	2.19	43	14695	13.180	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	3221	1.438	ug/L 85
34) Trichloroethene	5.94	95	4101	1.741	ug/L 92
46) Tetrachloroethene	8.00	164	5017	2.626	ug/L 91

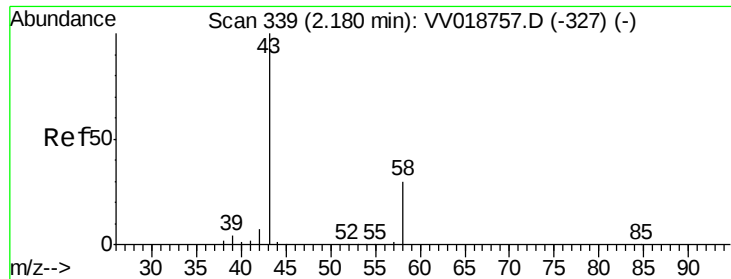
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.180 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV018761.D

Acq: 08 Oct 2020 13:38

Instrument :

MSVOA_V

ClientSampleId :

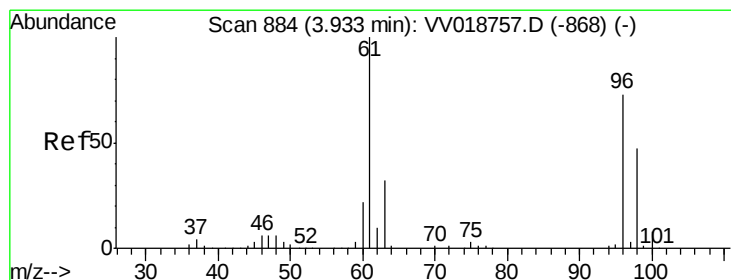
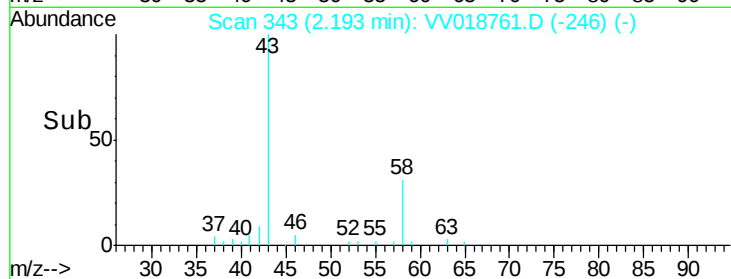
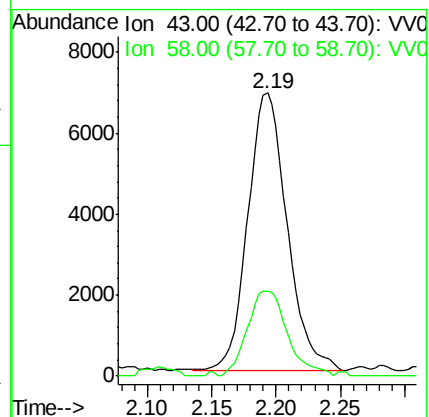
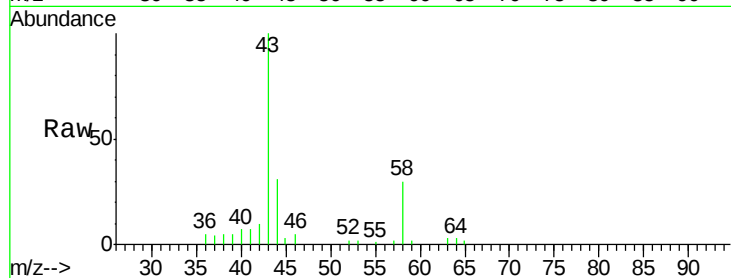
C0AT6

Tot Ion: 43 Resp: 14695

Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.0



#20

cis-1,2-Dichloroethene

Concen: 1.438 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.01 min

Lab File: VV018761.D

Acq: 08 Oct 2020 13:38

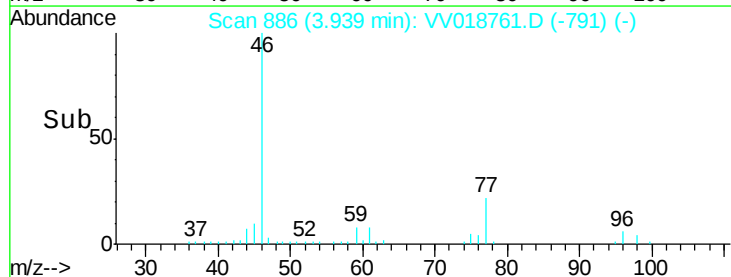
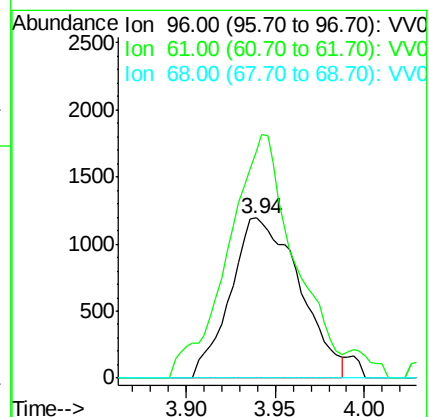
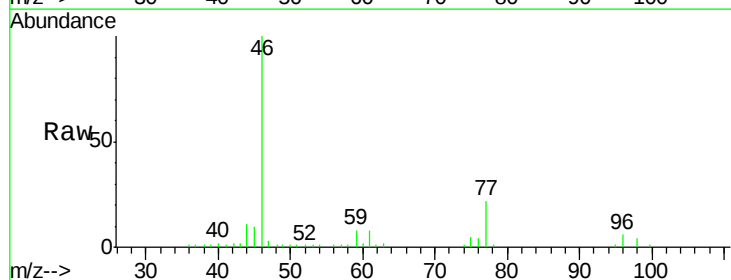
Tgt Ion: 96 Resp: 3221

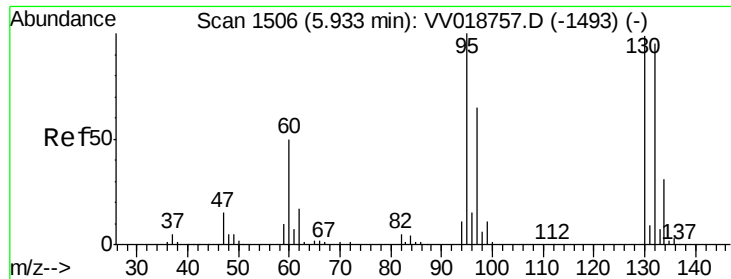
Ion Ratio Lower Upper

96 100

61 141.5 86.8 161.2

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1.741 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018761.D

Acq: 08 Oct 2020 13:38

Instrument :

MSVOA_V

ClientSampleId :

C0AT6

Tot Ion: 95 Resp: 4101

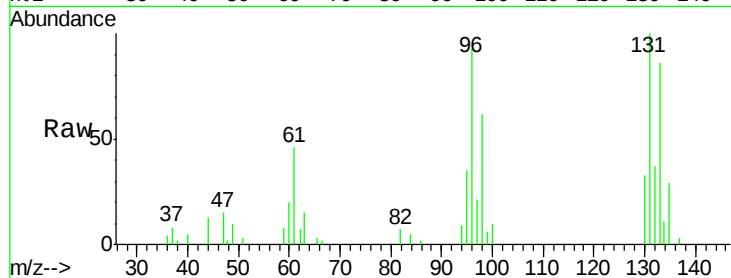
Ion Ratio Lower Upper

95 100

97 61.0 45.9 85.3

132 104.5 70.8 131.4

130 94.0 75.3 139.8

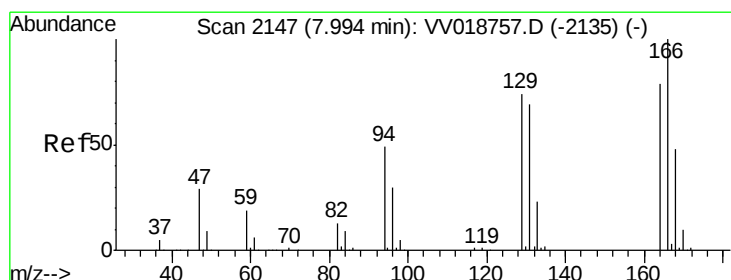
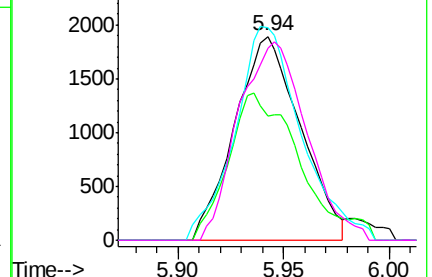
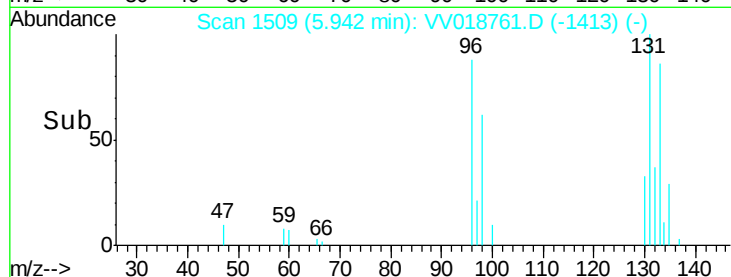


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 2.626 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018761.D

Acq: 08 Oct 2020 13:38

Tgt Ion: 164 Resp: 5017

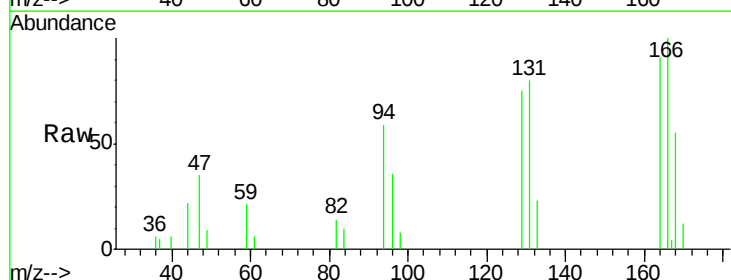
Ion Ratio Lower Upper

164 100

129 82.9 62.8 116.6

131 88.6 60.8 112.8

166 110.4 88.9 165.1



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

