

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018708.D
 Acq On : 06 Oct 2020 23:09
 Operator : SY/MD
 Sample : L4287-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK0

Quant Time: Oct 07 08:16:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 07:22:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	317726	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	279316	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78248	41.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.98%
7) Chloroethane-d5	1.58	69	66269	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.02%
11) 1,1-Dichloroethene-d2	2.12	63	124719	32.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.70%
21) 2-Butanone-d5	3.90	46	101709	73.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.17%
24) Chloroform-d	4.38	84	158479	39.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.66%
26) 1,2-Dichloroethane-d4	5.06	65	120922	47.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.54%
32) Benzene-d6	5.07	84	346482	48.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.94%
36) 1,2-Dichloropropane-d6	6.09	67	108074	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.12%
41) Toluene-d8	7.34	98	305422	45.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.78%
43) trans-1,3-Dichloropropene-	7.64	79	47237	40.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.80%
47) 2-Hexanone-d5	8.11	63	54312	66.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	105638	37.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	74.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	109615	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%

Target Compounds

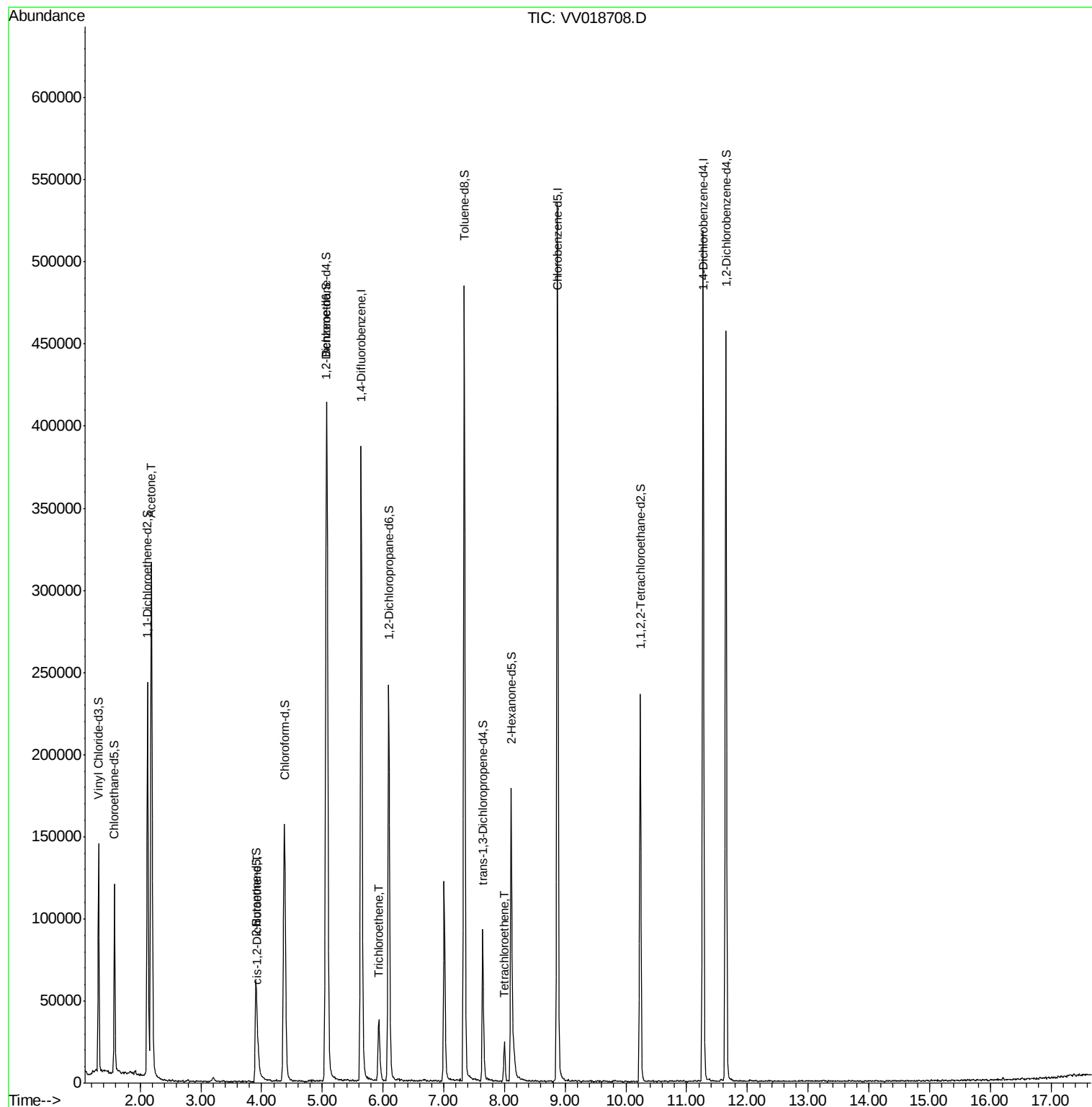
					Ovalue
13) Acetone	2.18	43	375924	313.047	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	3063	1.270	ug/L 84
34) Trichloroethene	5.94	95	3124	1.311	ug/L 90
46) Tetrachloroethene	8.00	164	5604	2.900	ug/L 96

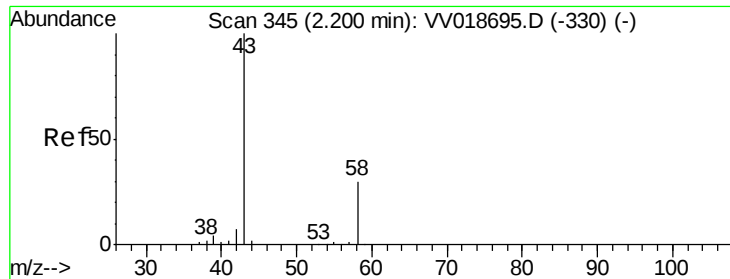
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 313.047 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.02 min

Lab File: VV018708.D

Acq: 06 Oct 2020 23:09

Instrument :

MSVOA_V

ClientSampleId :

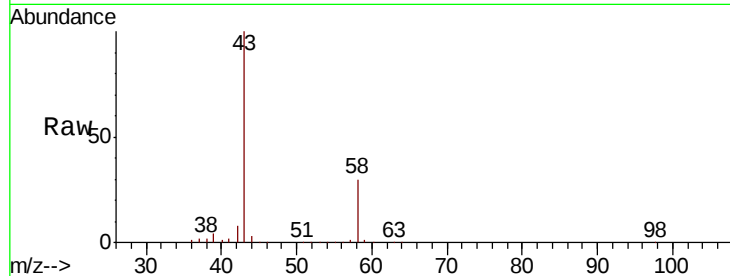
C0AK0

Tot Ion: 43 Resp: 375924

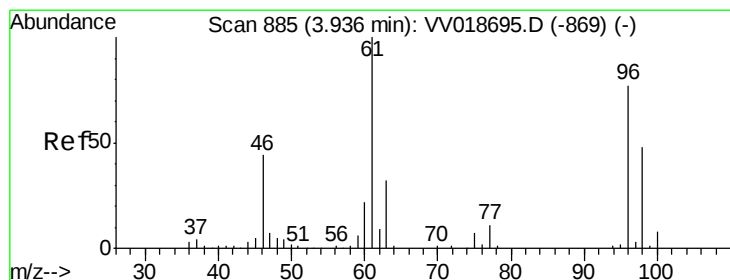
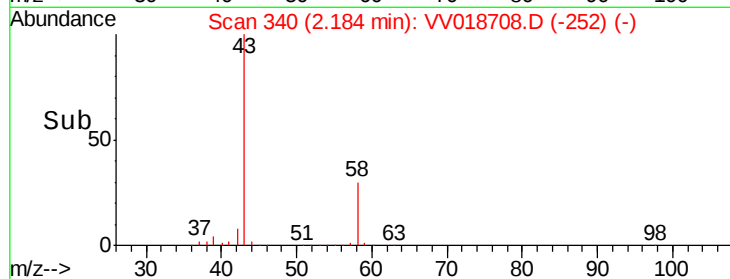
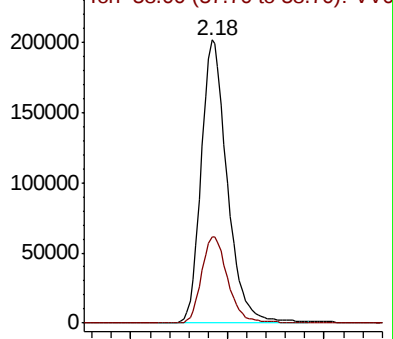
Ion Ratio Lower Upper

43 100

58 31.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018695.D (-330) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.270 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018708.D

Acq: 06 Oct 2020 23:09

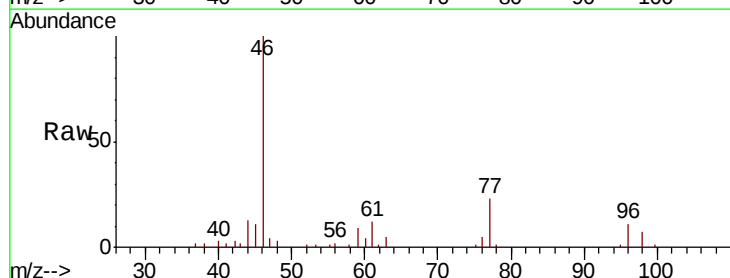
Tgt Ion: 96 Resp: 3063

Ion Ratio Lower Upper

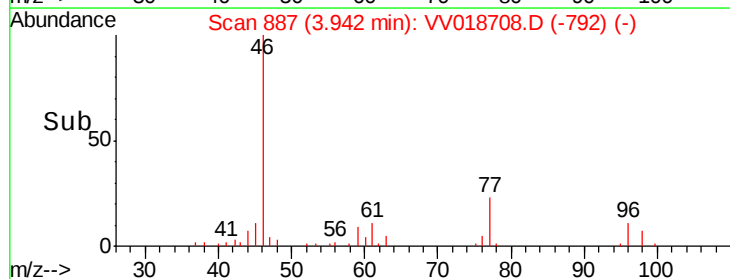
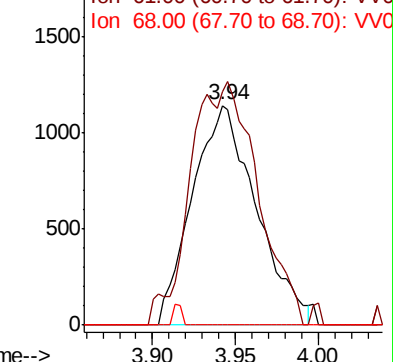
96 100

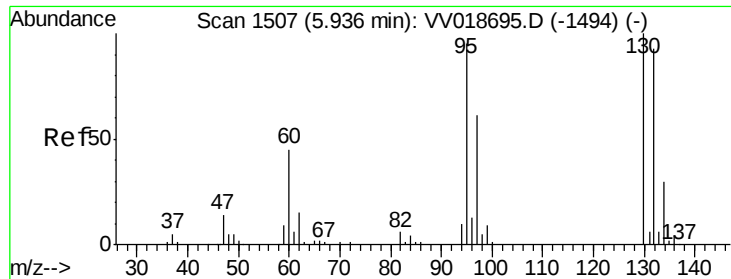
61 106.0 86.8 161.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018695.D (-869) (-)





#34

Trichloroethene

Concen: 1.311 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV018708.D

Acq: 06 Oct 2020 23:09

Instrument :

MSVOA_V

ClientSampleId :

C0AK0

Tot Ion: 95 Resp: 3124

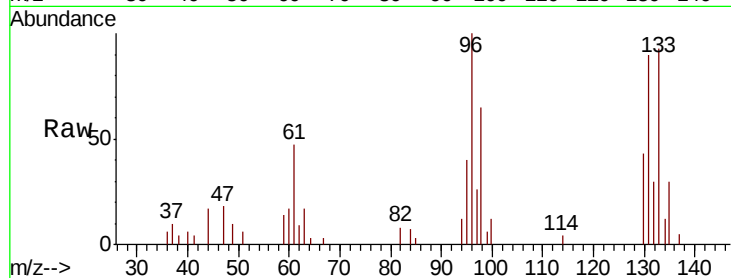
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 75.5 70.8 131.4

130 107.0 75.3 139.8



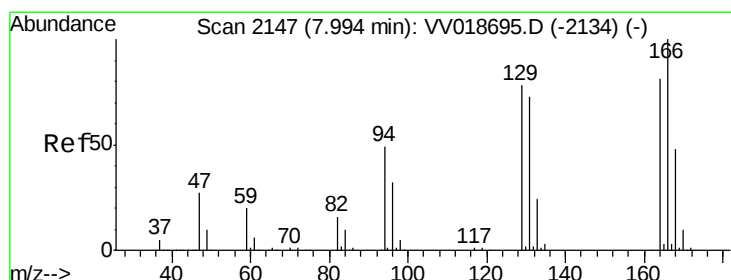
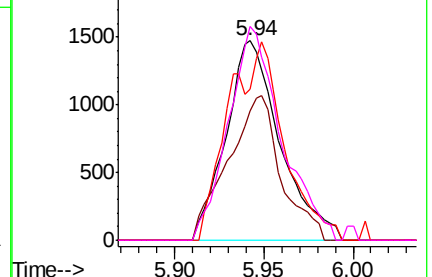
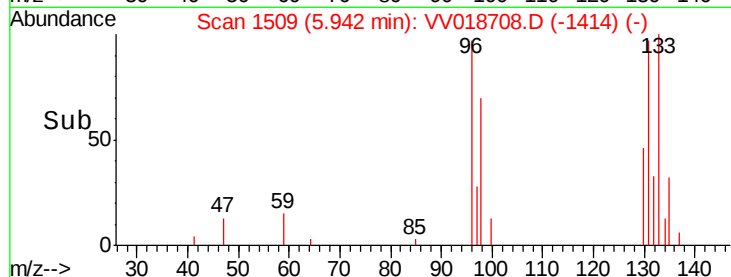
Abundance

Ion 95.00 (94.70 to 95.70): VV018695.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018695.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018695.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018695.D (-1494) (-)



#46

Tetrachloroethene

Concen: 2.900 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV018708.D

Acq: 06 Oct 2020 23:09

Tgt Ion: 164 Resp: 5604

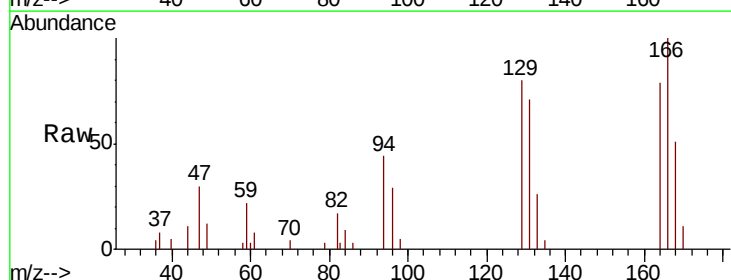
Ion Ratio Lower Upper

164 100

129 100.6 62.8 116.6

131 89.2 60.8 112.8

166 126.4 88.9 165.1



Abundance

Ion 164.00 (163.70 to 164.70): VV018695.D (-2134) (-)

Ion 129.00 (128.70 to 129.70): VV018695.D (-2134) (-)

Ion 131.00 (130.70 to 131.70): VV018695.D (-2134) (-)

Ion 166.00 (165.70 to 166.70): VV018695.D (-2134) (-)

