

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100720\
 Data File : VV018735.D
 Acq On : 07 Oct 2020 17:10
 Operator : SY/MD
 Sample : L4254-02 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Q6

Quant Time: Oct 08 06:28:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 02:46:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	326221	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	328201	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124874	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82700	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.46%
7) Chloroethane-d5	1.58	69	72937	46.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.22%
11) 1,1-Dichloroethene-d2	2.12	63	131828	33.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.64%
21) 2-Butanone-d5	3.92	46	112768	79.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.02%
24) Chloroform-d	4.38	84	171121	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.72%
26) 1,2-Dichloroethane-d4	5.06	65	131028	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
32) Benzene-d6	5.08	84	371519	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.09	67	118366	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.24%
41) Toluene-d8	7.34	98	324715	41.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.04%
43) trans-1,3-Dichloropropene-	7.64	79	53825	39.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.34%
47) 2-Hexanone-d5	8.11	63	68105	71.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	106008	31.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	63.66%#
64) 1,2-Dichlorobenzene-d4	11.65	152	115618	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

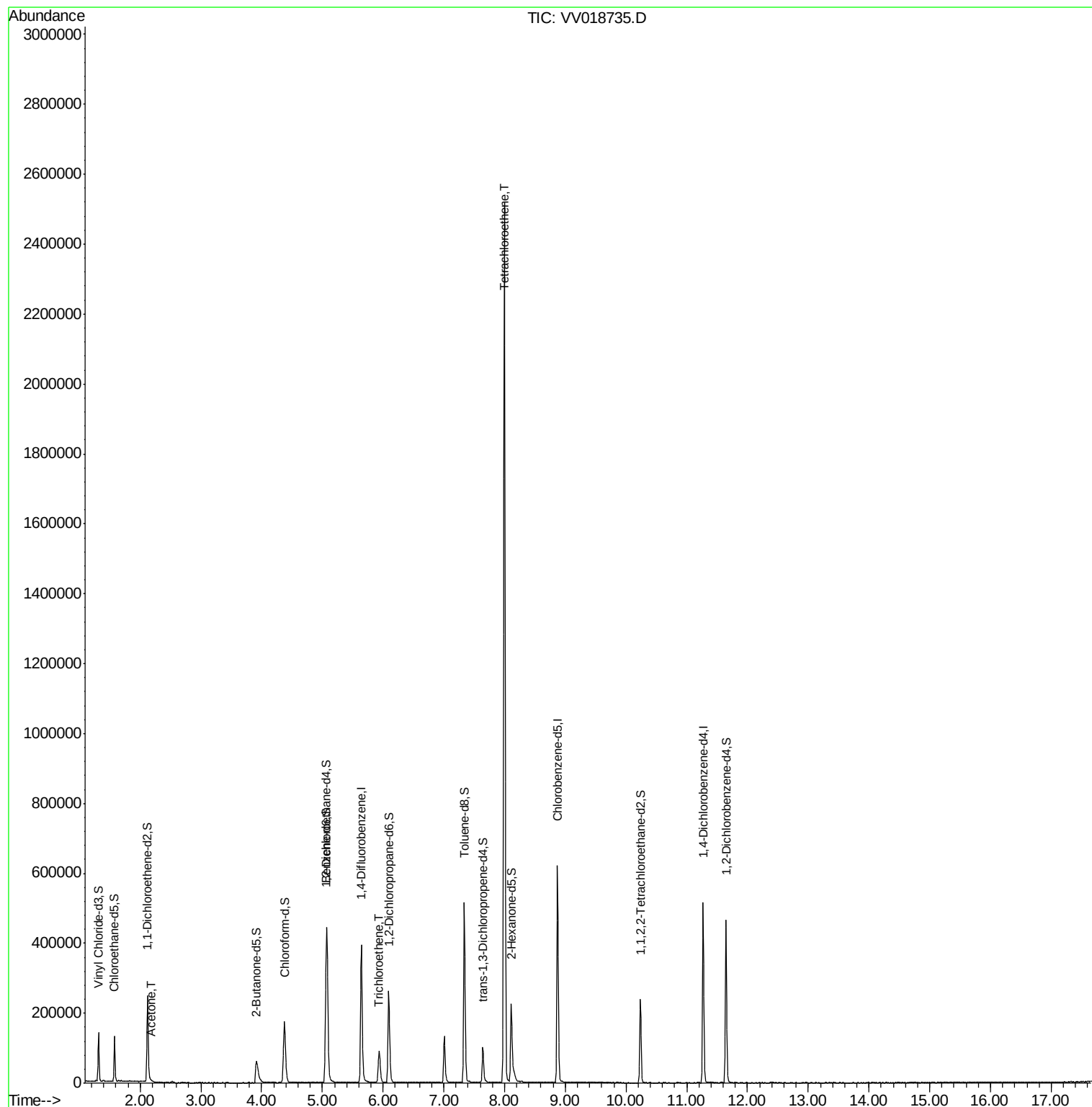
					Ovalue
13) Acetone	2.20	43	3650	2.960 ug/L	71
34) Trichloroethene	5.94	95	21628	7.726 ug/L	96
46) Tetrachloroethene	8.00	164	529241	233.045 ug/L	96

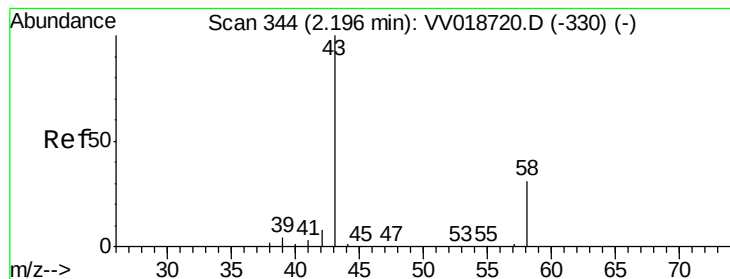
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.960 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

Lab File: VV018735.D

Acq: 07 Oct 2020 17:10

Instrument :

MSVOA_V

ClientSampleId :

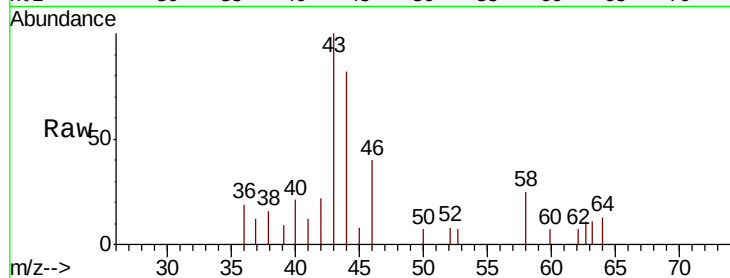
BG3Q6

Tot Ion: 43 Resp: 3650

Ion Ratio Lower Upper

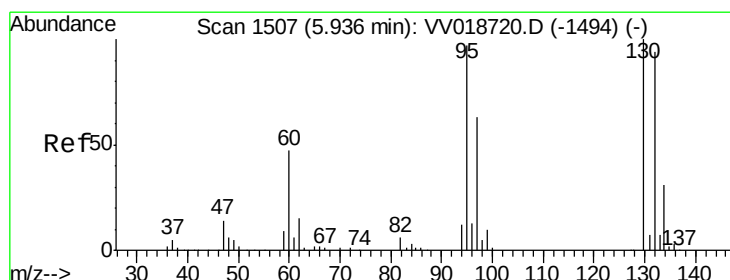
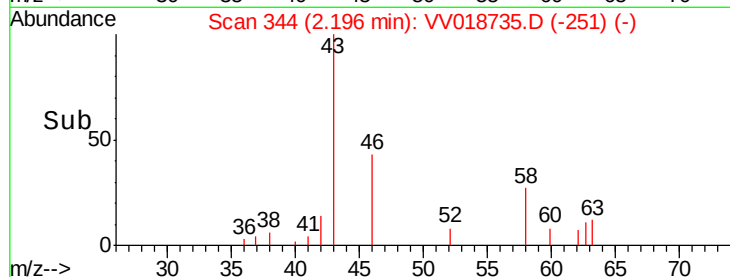
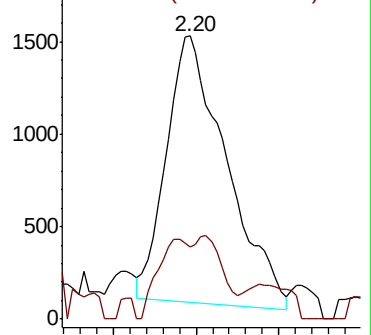
43 100

58 15.9 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV018720.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018720.D (-330) (-)



#34

Trichloroethene

Concen: 7.726 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018735.D

Acq: 07 Oct 2020 17:10

Tgt Ion: 95 Resp: 21628

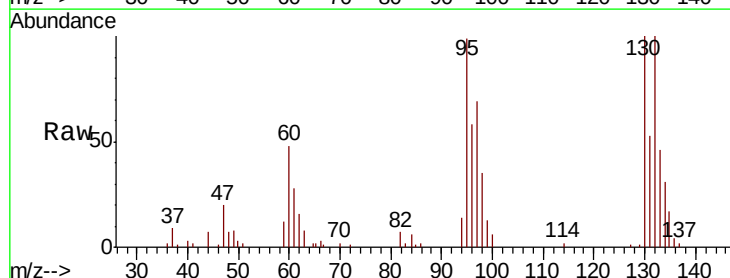
Ion Ratio Lower Upper

95 100

97 69.5 45.9 85.3

132 101.1 70.8 131.4

130 101.1 75.3 139.8

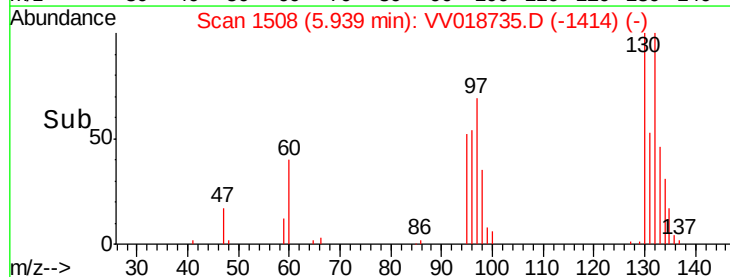
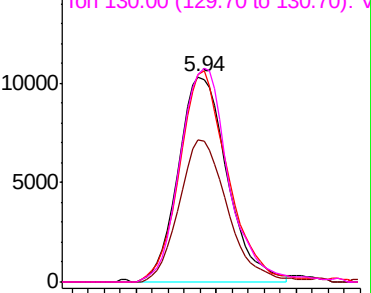


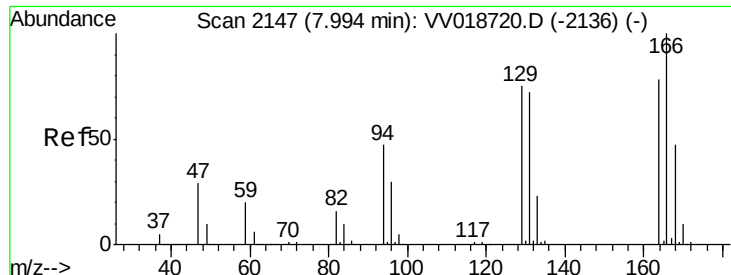
Abundance Ion 95.00 (94.70 to 95.70): VV018720.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV018720.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV018720.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018720.D (-1494) (-)





#46

Tetrachloroethene

Concen: 233.045 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV018735.D

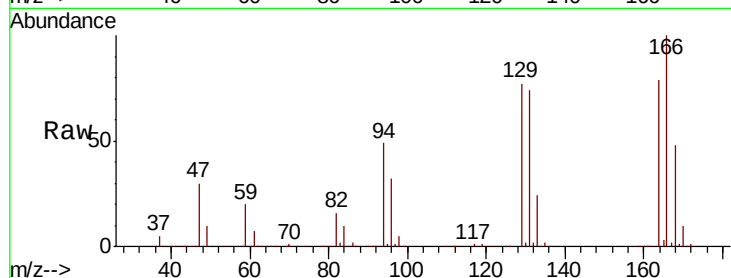
Acq: 07 Oct 2020 17:10

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Tot Ion:164 Resp: 529241

Ion Ratio Lower Upper

164 100

129 96.6 62.8 116.6

131 93.3 60.8 112.8

166 126.1 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

