

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018551.D
 Acq On : 30 Sep 2020 05:18
 Operator : SY/MD
 Sample : L4144-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL8

Quant Time: Sep 30 06:13:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 04:50:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	350086	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	336517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169007	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87453	42.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.18%
7) Chloroethane-d5	1.58	69	83919	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.86%
11) 1,1-Dichloroethene-d2	2.12	63	144709	34.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.18%
21) 2-Butanone-d5	3.92	46	145919	95.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	4.38	84	197029	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	5.06	65	135363	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.06%
32) Benzene-d6	5.07	84	401514	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.09	67	127309	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.34	98	367249	45.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.64	79	60038	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.30%
47) 2-Hexanone-d5	8.11	63	78861	80.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.61%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	143302	41.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.94%
64) 1,2-Dichlorobenzene-d4	11.65	152	163789	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%

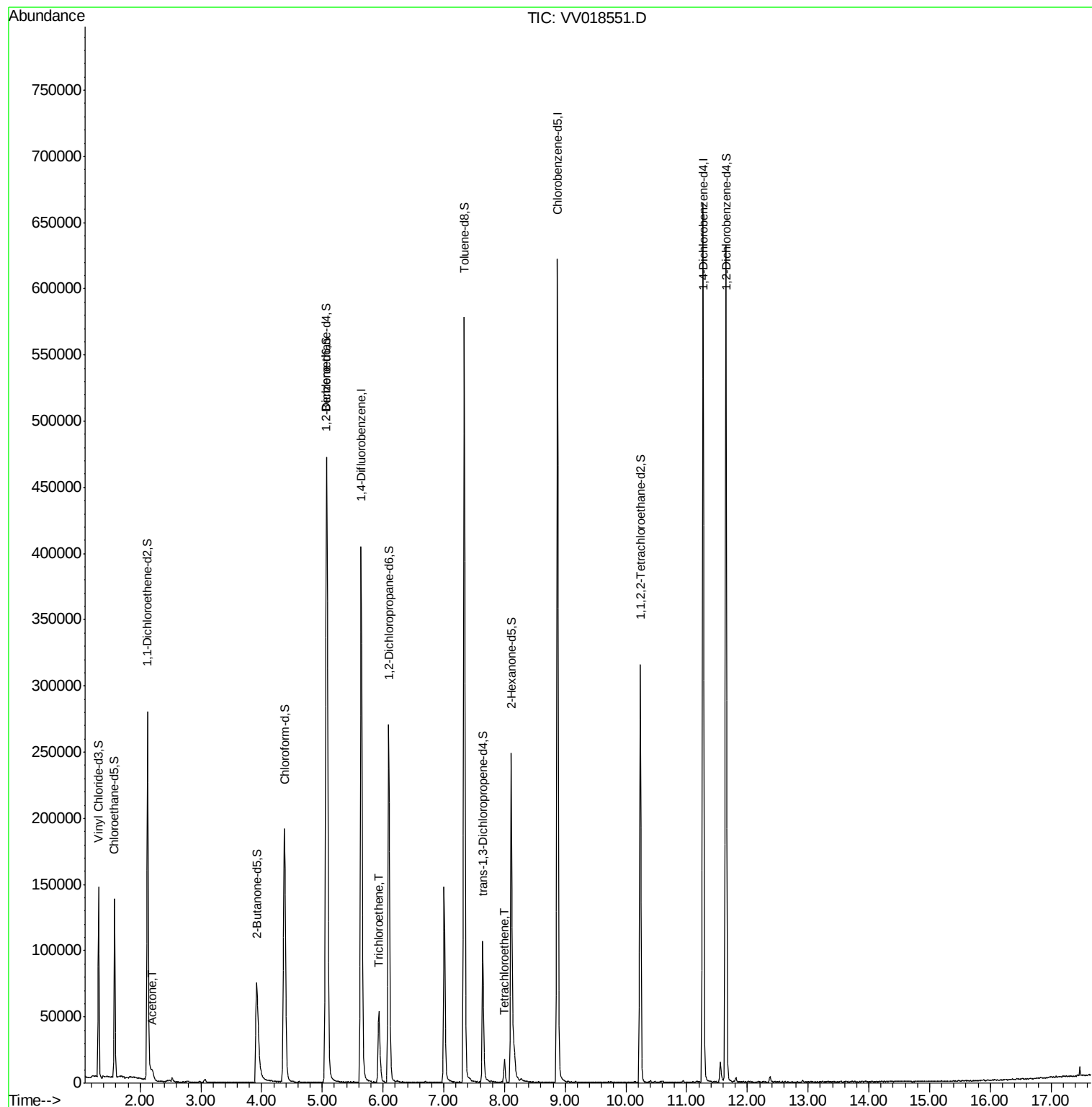
Target Compounds					Ovalue
13) Acetone	2.20	43	11806	8.923 ug/L	94
34) Trichloroethene	5.94	95	7183	2.503 ug/L	95
46) Tetrachloroethene	8.00	164	4264	1.831 ug/L	95

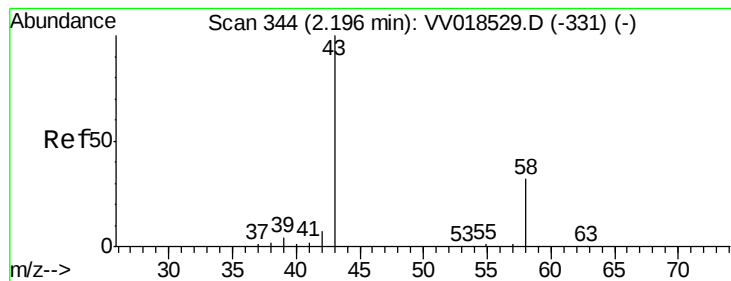
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.923 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.01 min

Lab File: VV018551.D

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Instrument :

MSVOA_V

ClientSampleId :

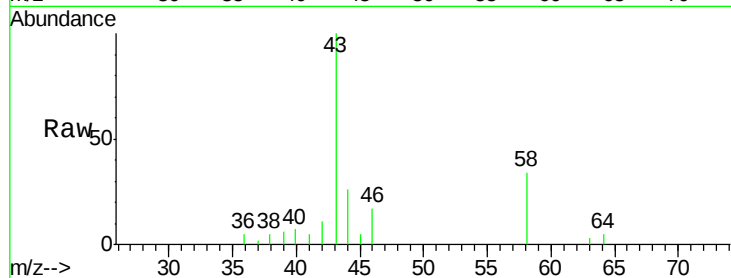
C0AL8

Tot Ion: 43 Resp: 11806

Ion Ratio Lower Upper

43 100

58 35.3 0.0 64.0

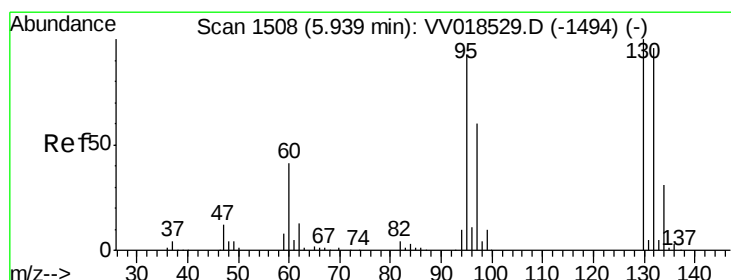
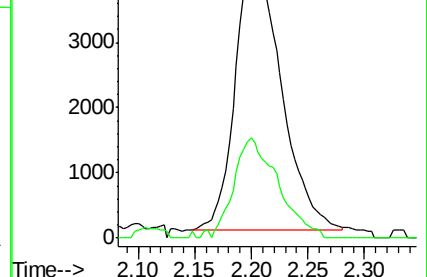
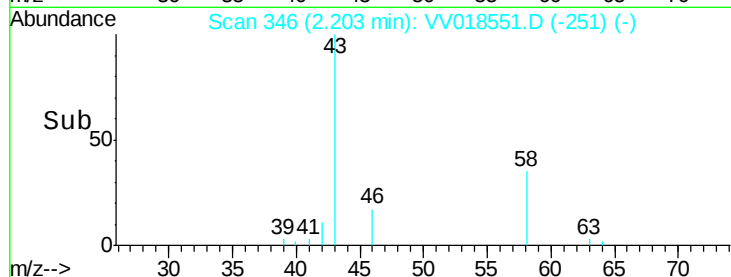


Abundance Ion 43.00 (42.70 to 43.70): VV018529.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV018529.D (-331) (-)

2.20

Time-->



#34

Trichloroethene

Concen: 2.503 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018551.D

Acq: 30 Sep 2020 05:18

Tgt Ion: 95 Resp: 7183

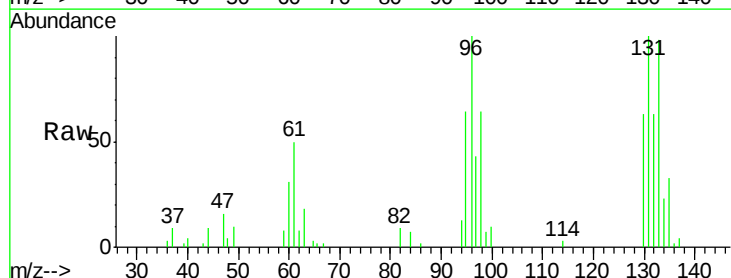
Ion Ratio Lower Upper

95 100

97 67.3 45.9 85.3

132 97.7 70.8 131.4

130 97.7 75.3 139.8



Abundance Ion 95.00 (94.70 to 95.70): VV018529.D (-1494) (-)

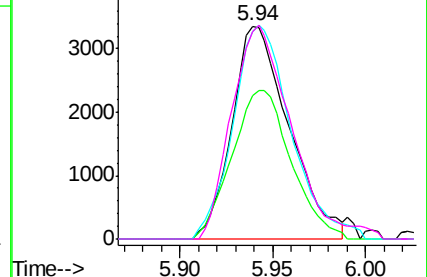
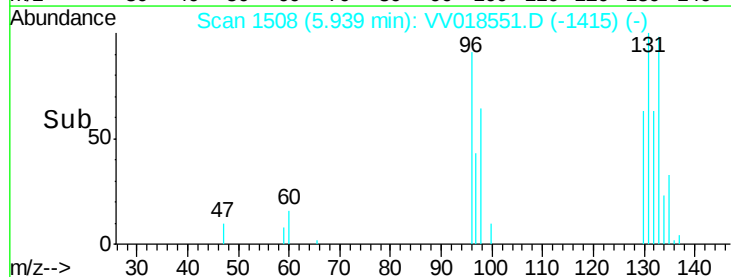
Ion 97.00 (96.70 to 97.70): VV018529.D (-1494) (-)

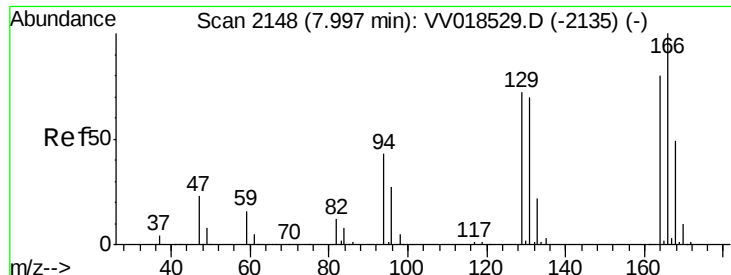
Ion 132.00 (131.70 to 132.70): VV018529.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV018529.D (-1494) (-)

5.94

Time-->





#46

Tetrachloroethene

Concen: 1.831 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018551.D

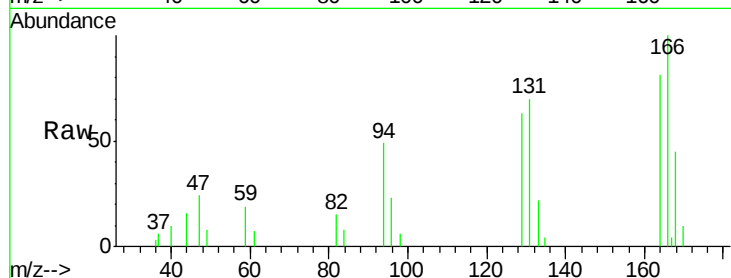
Acq: 30 Sep 2020 05:18

Instrument :

MSVOA_V

ClientSampleId :

C0AL8



Tot Ion:164 Resp: 4264

Ion Ratio Lower Upper

164 100

129 77.2 62.8 116.6

131 86.6 60.8 112.8

166 123.5 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

