

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062920\
 Data File : VV017231.D
 Acq On : 29 Jun 2020 11:23
 Operator : SY/MD
 Sample : L3133-10
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9Q36

Quant Time: Jun 30 07:42:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 30 07:40:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	348890	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326334	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158383	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92165	37.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.88%
7) Chloroethane-d5	1.58	69	66740	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.36%
11) 1,1-Dichloroethene-d2	2.12	63	152522	36.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.78%
21) 2-Butanone-d5	3.90	46	156520	85.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.90%
24) Chloroform-d	4.38	84	230589	46.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.12%
26) 1,2-Dichloroethane-d4	5.06	65	169031	49.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.28%
32) Benzene-d6	5.08	84	428240	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
36) 1,2-Dichloropropane-d6	6.09	67	130548	44.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.04%
41) Toluene-d8	7.34	98	391947	45.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.64	79	69194	45.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.62%
47) 2-Hexanone-d5	8.11	63	106535	83.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172467	44.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	165933	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

Target Compounds

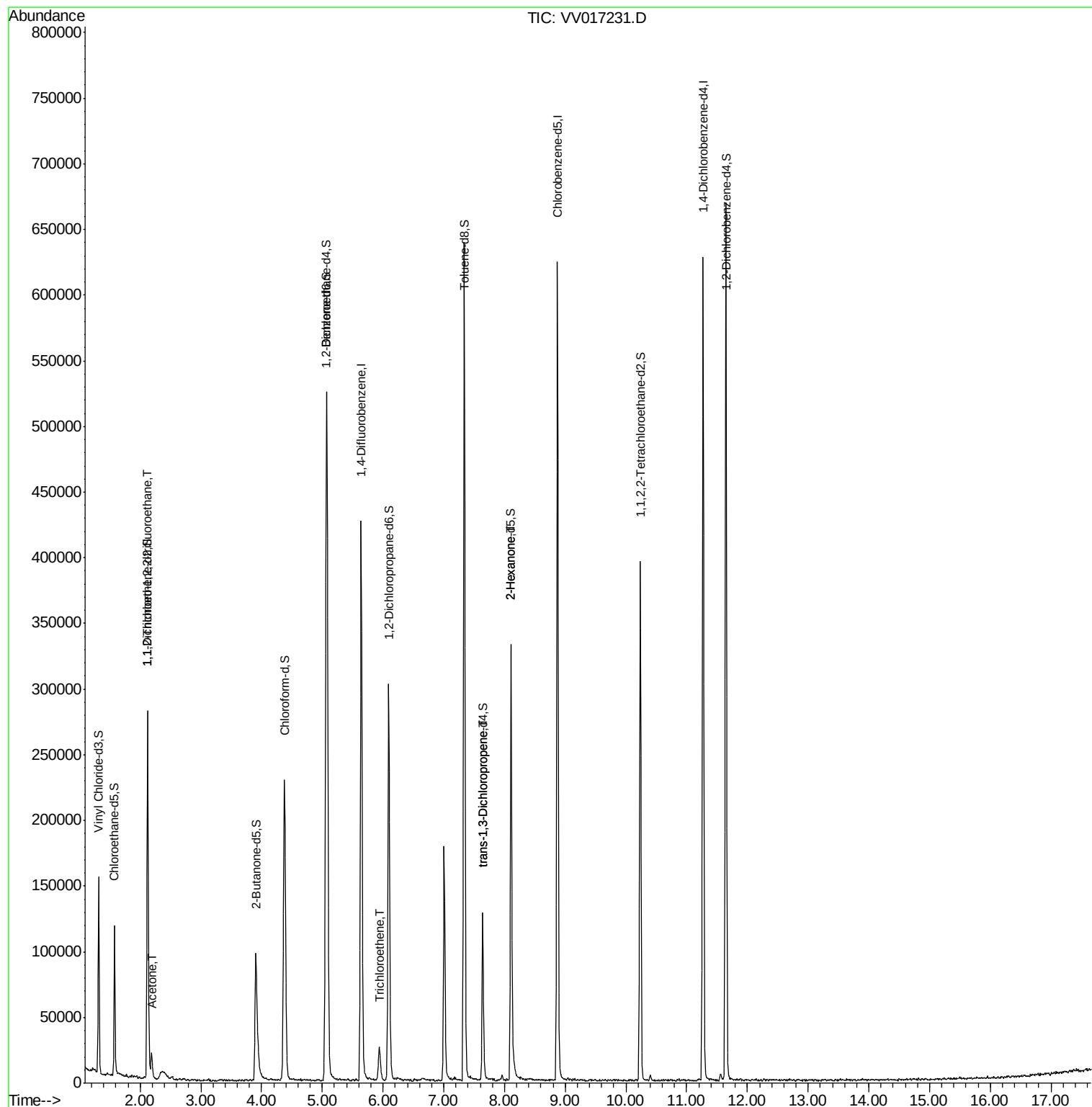
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1315	0.709 ug/L #	21
13) Acetone	2.19	43	22777	18.972 ug/L	97
34) Trichloroethene	5.94	95	6507	2.513 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	3553	0.937 ug/L	86
48) 2-Hexanone	8.11	43	14370	5.209 ug/L #	71

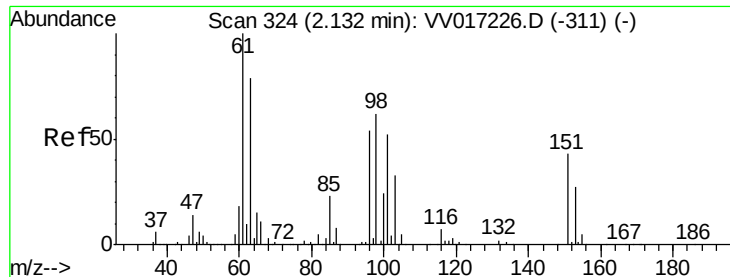
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.709 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

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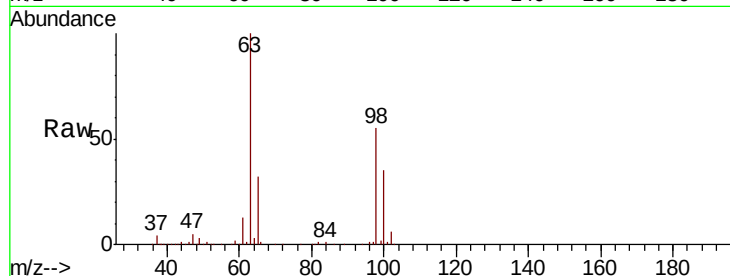
Tot Ion:101 Resp: 1315

Ion Ratio Lower Upper

101 100

85 5.9 35.5 53.3#

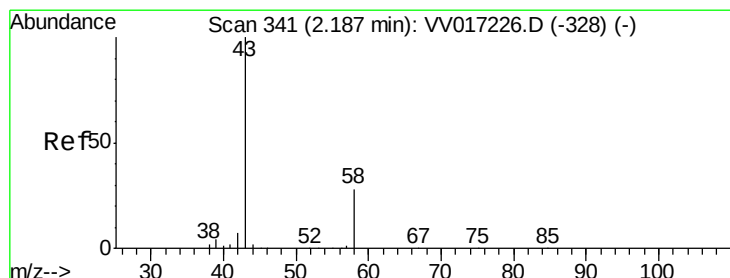
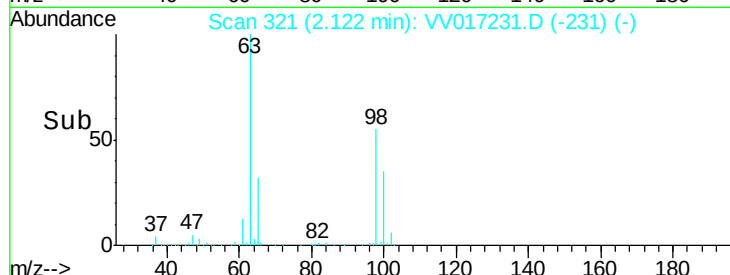
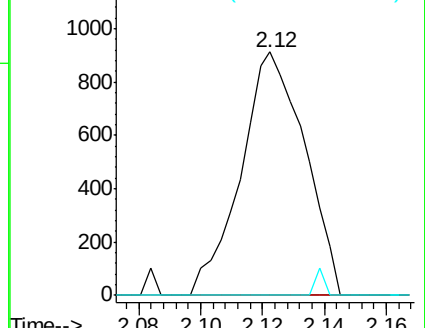
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 18.972 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV017231.D

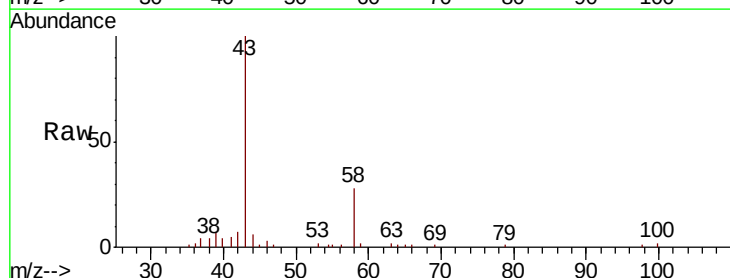
Acq: 29 Jun 2020 11:23

Tgt Ion: 43 Resp: 22777

Ion Ratio Lower Upper

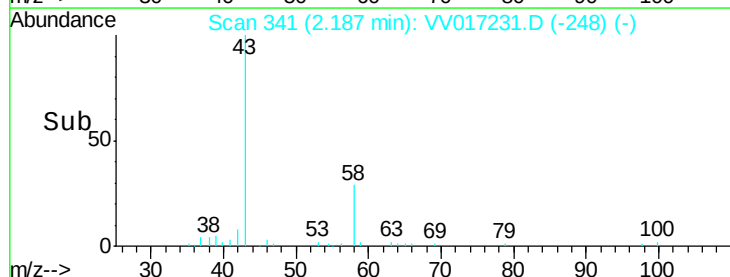
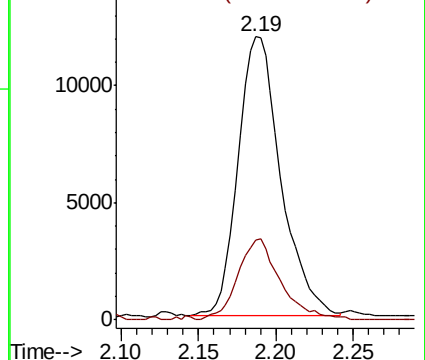
43 100

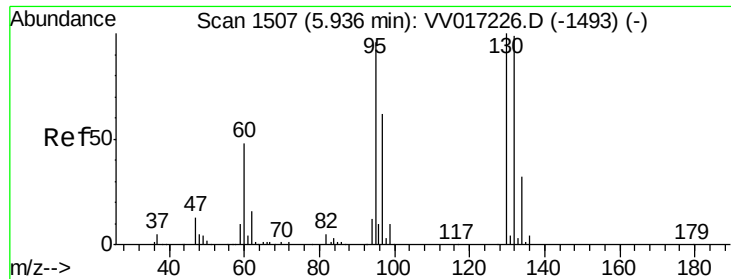
58 29.1 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#34

Trichloroethene

Concen: 2.513 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

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Acq: 29 Jun 2020 11:23

Instrument :

MSVOA_V

ClientSampleId :

F9Q36

Tot Ion: 95 Resp: 6507

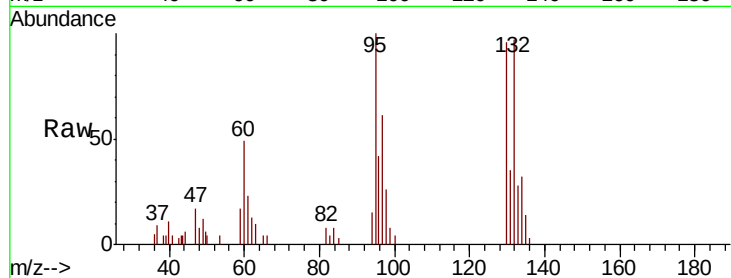
Ion Ratio Lower Upper

95 100

97 61.1 44.3 82.3

132 97.3 67.9 126.1

130 96.3 72.2 134.2



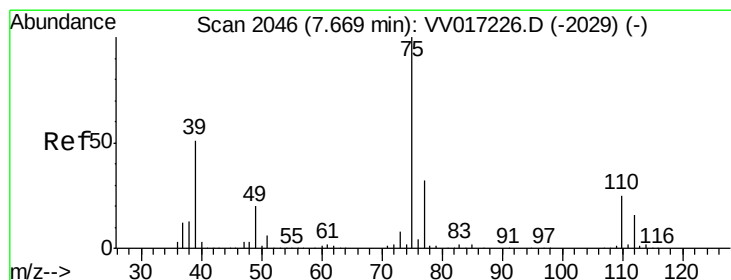
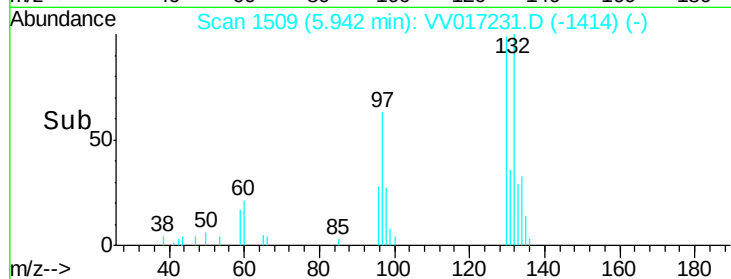
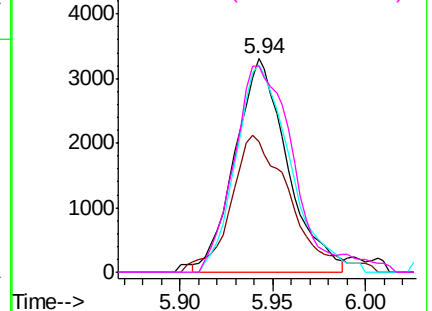
Abundance

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



#44

trans-1,3-Dichloropropene

Concen: 0.937 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV017231.D

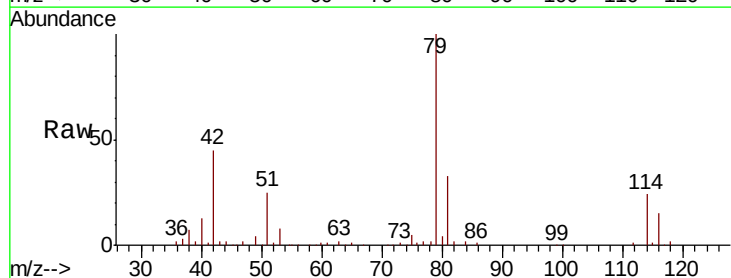
Acq: 29 Jun 2020 11:23

Tgt Ion: 75 Resp: 3553

Ion Ratio Lower Upper

75 100

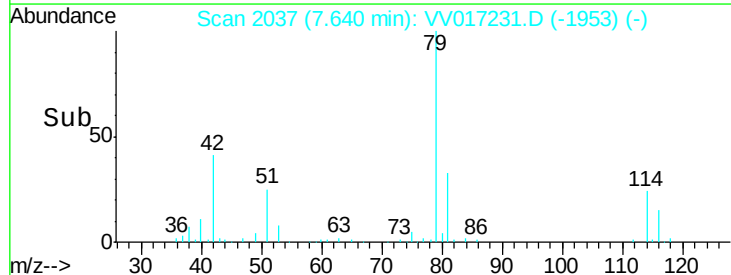
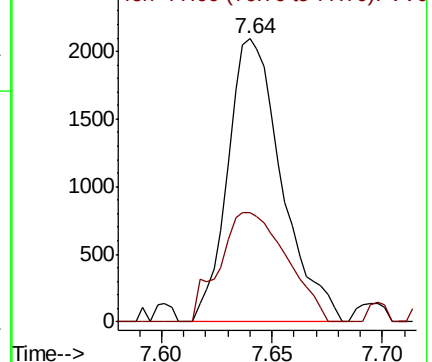
77 38.6 21.7 40.3

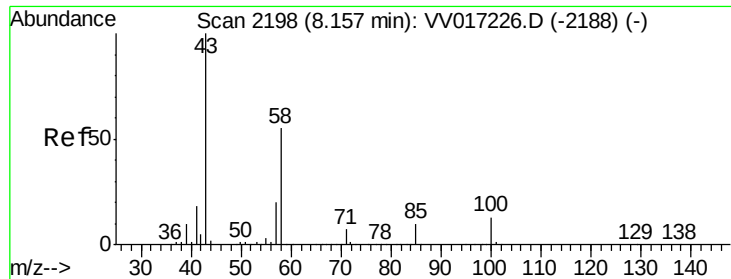


Abundance

Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#48

2-Hexanone

Concen: 5.209 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

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Tot Ion: 43 Resp: 14370

Ion	Ratio	Lower	Upper
43	100		
58	28.3	43.1	64.7#
57	23.6	15.3	22.9#
100	0.7	10.0	15.0#

