

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017221.D
 Acq On : 27 Jun 2020 07:45
 Operator : SY/MD
 Sample : L3133-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 29 00:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 00:10:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347943	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333549	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	152295	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87164	35.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.00%
7) Chloroethane-d5	1.58	69	60299	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.86%
11) 1,1-Dichloroethene-d2	2.12	63	143302	34.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.52%
21) 2-Butanone-d5	3.91	46	145543	80.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.09%
24) Chloroform-d	4.38	84	216722	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.82%
26) 1,2-Dichloroethane-d4	5.06	65	159975	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.08	84	404139	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
36) 1,2-Dichloropropane-d6	6.09	67	122818	40.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.96%
41) Toluene-d8	7.34	98	367952	41.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.64	79	59963	38.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.82%
47) 2-Hexanone-d5	8.11	63	96503	73.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	159342	40.16	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.32%
64) 1,2-Dichlorobenzene-d4	11.65	152	154604	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%

Target Compounds

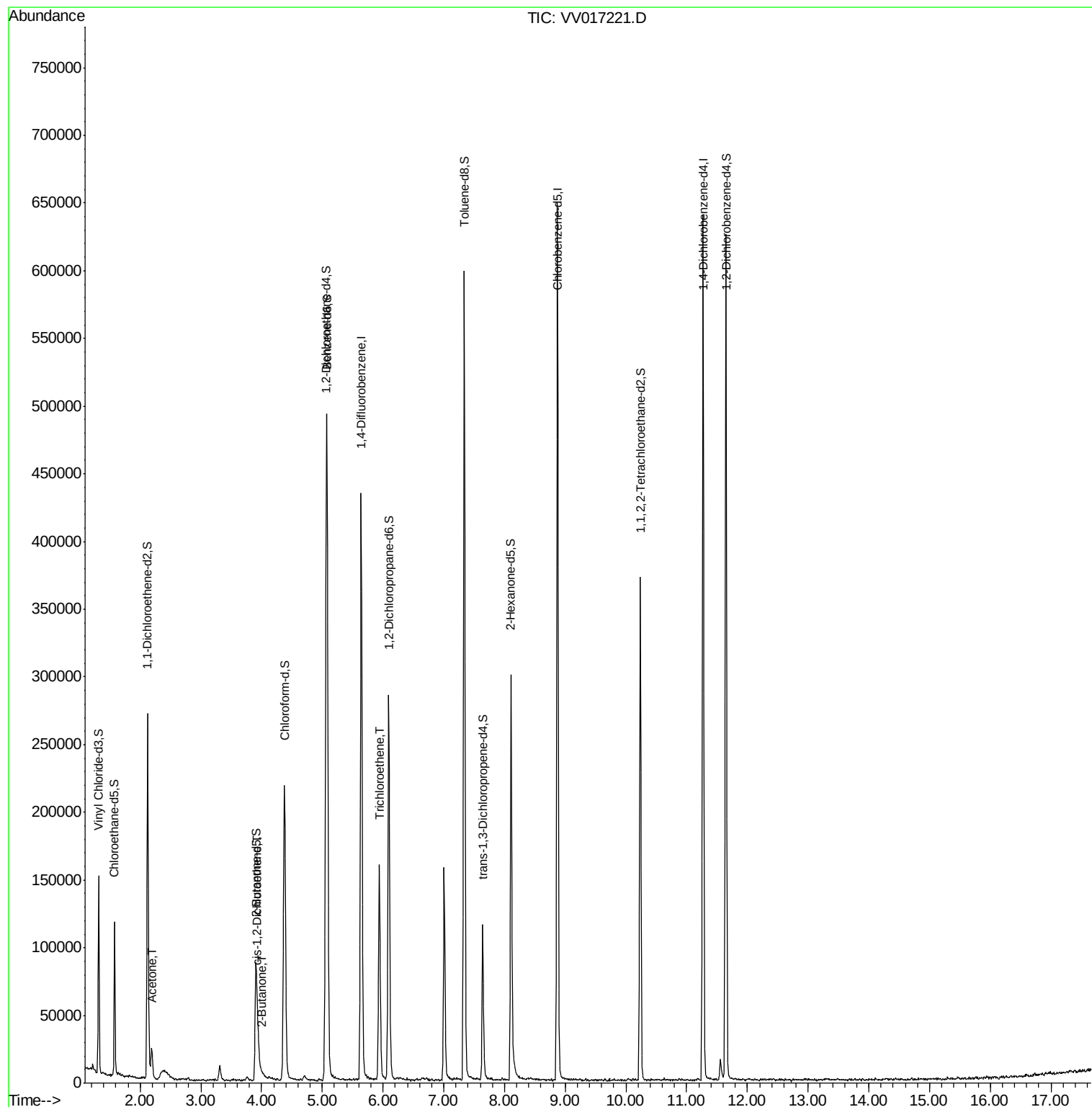
					Ovalue
13) Acetone	2.19	43	28842	24.090	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	6752	2.630	ug/L 95
22) 2-Butanone	4.01	43	2578	1.396	ug/L 99
34) Trichloroethene	5.94	95	51935	19.622	ug/L 98

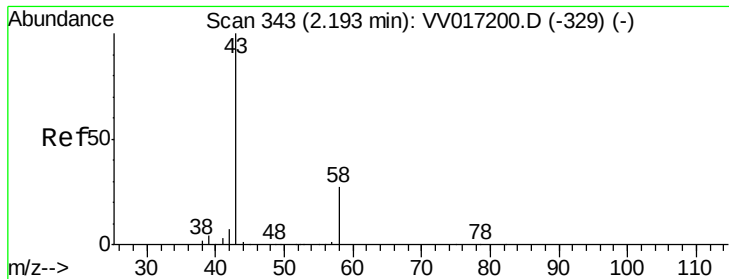
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.090 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV017221.D

Acq: 27 Jun 2020 07:45

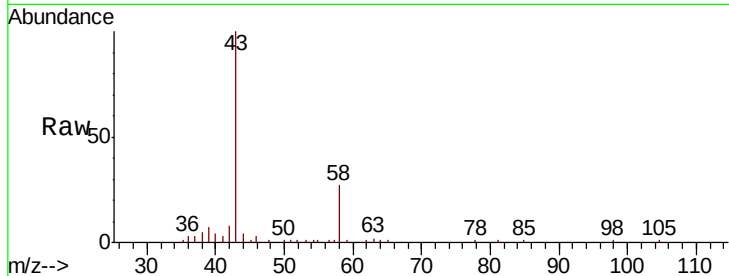
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 28842

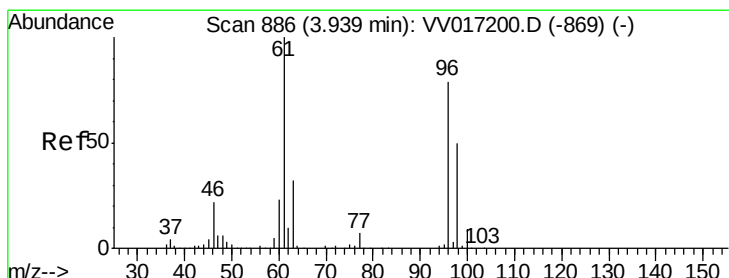
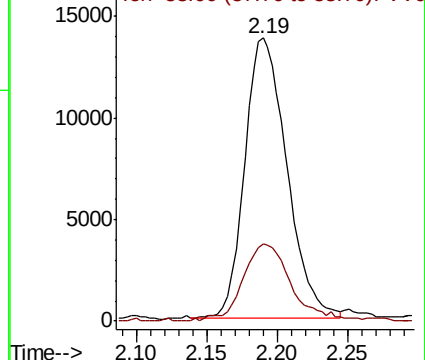
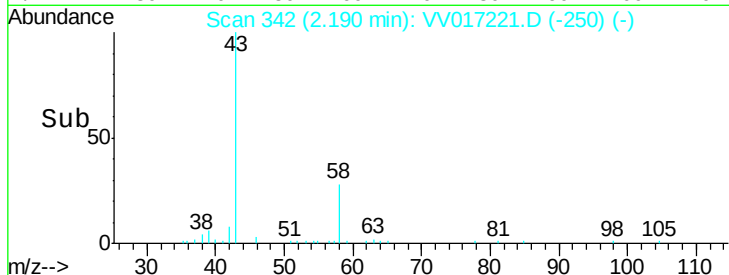
Ion Ratio Lower Upper

43 100

58 27.7 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017221.D (-250) (-)



#20

cis-1,2-Dichloroethene

Concen: 2.630 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.00 min

Lab File: VV017221.D

Acq: 27 Jun 2020 07:45

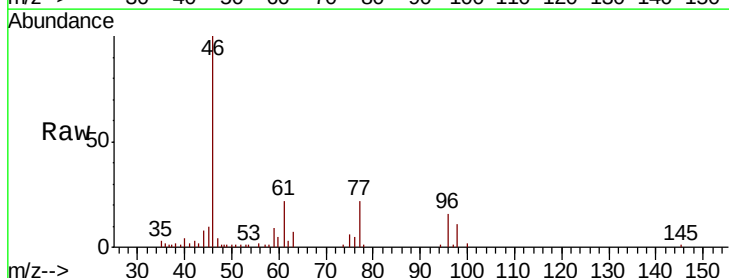
Tgt Ion: 96 Resp: 6752

Ion Ratio Lower Upper

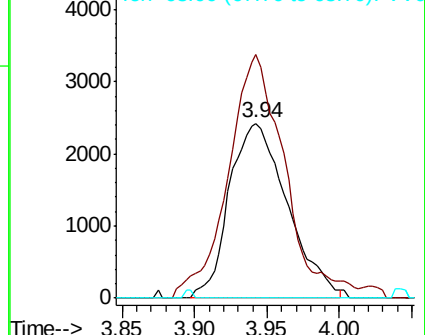
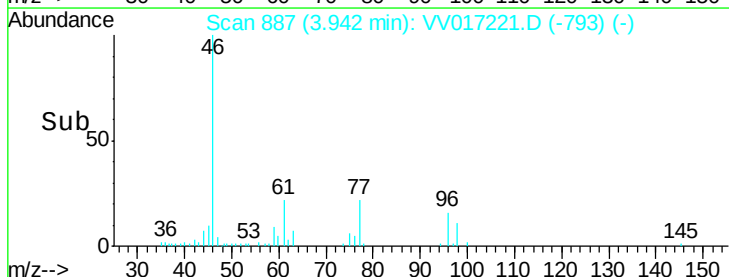
96 100

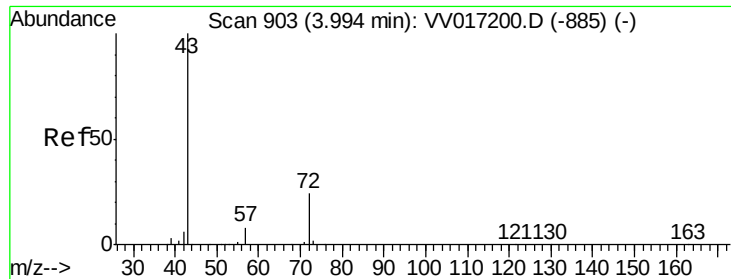
61 139.2 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017221.D (-793) (-)





#22

2-Butanone

Concen: 1.396 ug/L

RT: 4.01 min Scan# 908

Delta R.T. 0.02 min

Lab File: VV017221.D

Acq: 27 Jun 2020 07:45

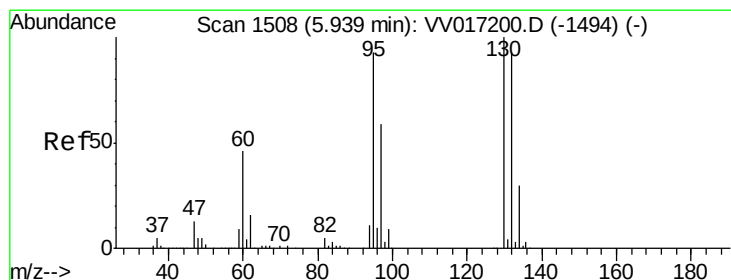
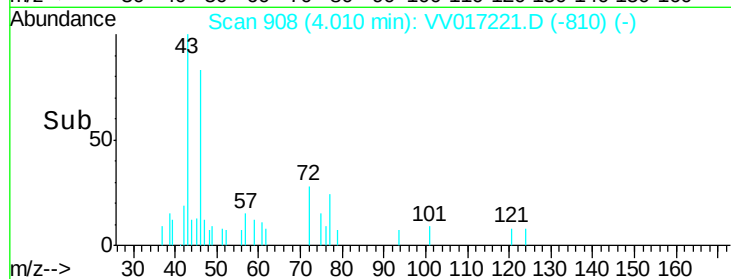
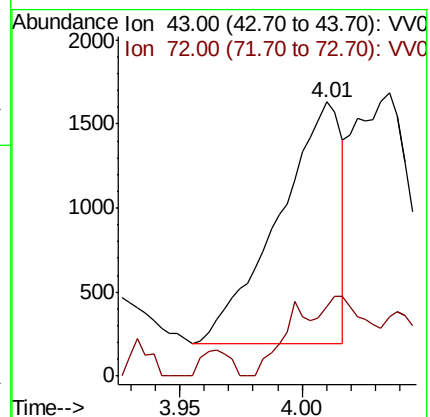
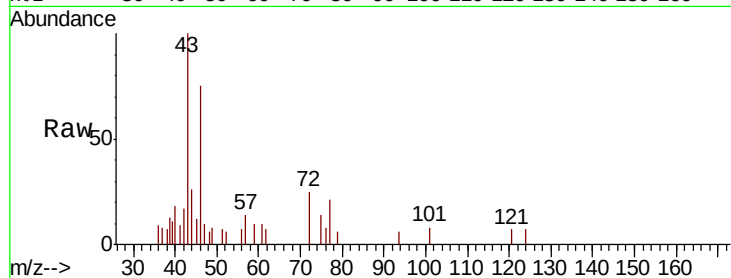
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2578

Ion Ratio Lower Upper

43 100

72 25.5 12.4 37.4



#34

Trichloroethene

Concen: 19.622 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017221.D

Acq: 27 Jun 2020 07:45

Tgt Ion: 95 Resp: 51935

Ion Ratio Lower Upper

95 100

97 62.4 44.3 82.3

132 97.6 67.9 126.1

130 98.0 72.2 134.2

