

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016758.D
 Acq On : 10 Jun 2020 10:21
 Operator : SY/MD
 Sample : L2901-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS9

Quant Time: Jun 10 14:23:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 11:40:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	400380	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	378074	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91610	32.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.86%
7) Chloroethane-d5	1.57	69	55112	32.51	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.02%#
11) 1,1-Dichloroethene-d2	2.12	63	137246	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.86%#
21) 2-Butanone-d5	3.89	46	240678	115.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.10%
24) Chloroform-d	4.37	84	245737	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.56%
26) 1,2-Dichloroethane-d4	5.05	65	181022	46.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.66%
32) Benzene-d6	5.07	84	464449	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
36) 1,2-Dichloropropane-d6	6.09	67	151724	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.32%
41) Toluene-d8	7.33	98	424823	42.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.96%
43) trans-1,3-Dichloropropene-	7.64	79	78081	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.10	63	167667	113.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.21%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	216357	48.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.22%
64) 1,2-Dichlorobenzene-d4	11.65	152	190859	45.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.34%

Target Compounds

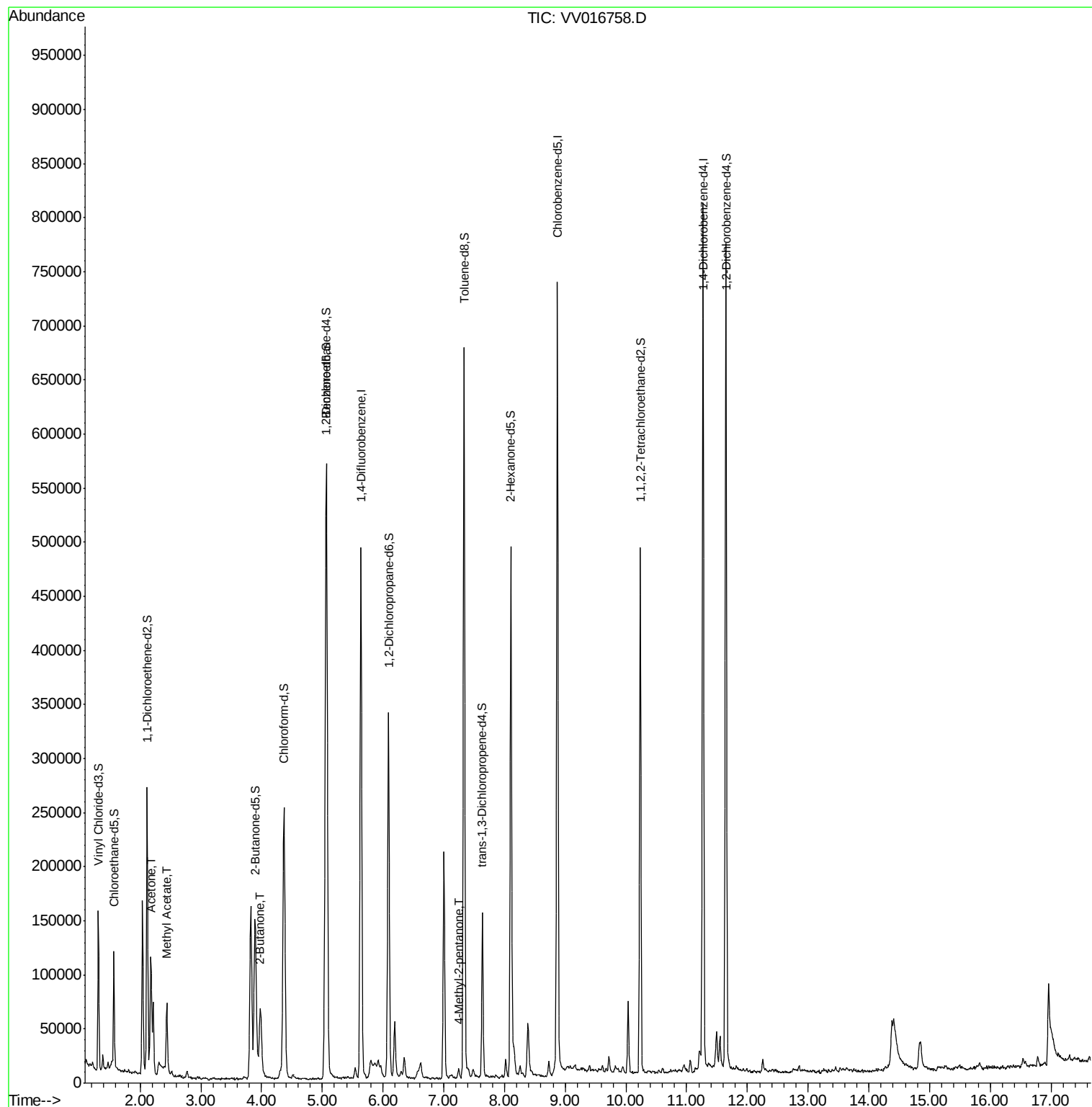
					Ovalue
13) Acetone	2.18	43	123685	89.776	ug/L 99
15) Methyl Acetate	2.44	43	70094	22.826	ug/L 98
22) 2-Butanone	3.98	43	104618	49.243	ug/L 99
40) 4-Methyl-2-pentanone	7.24	43	5431	1.318	ug/L 94

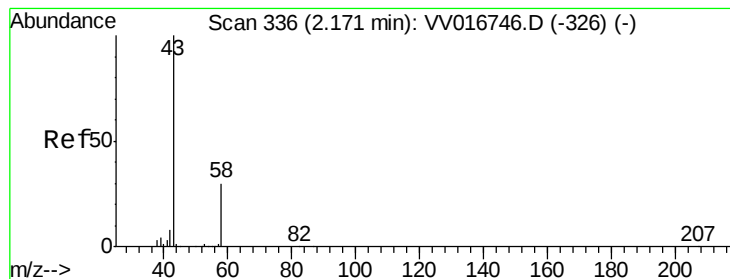
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 89.776 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.01 min

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Acq: 10 Jun 2020 10:21

Instrument :

MSVOA_V

ClientSampleId :

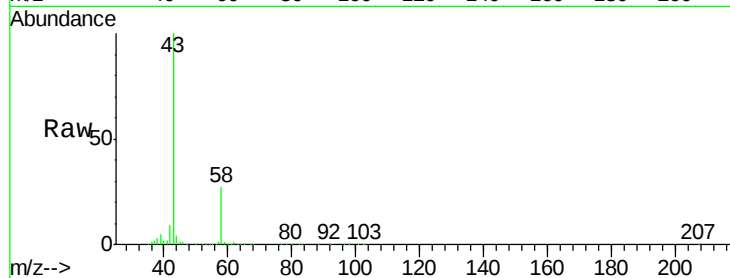
ETTS9

Tot Ion: 43 Resp: 123685

Ion Ratio Lower Upper

43 100

58 28.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.18

80000

60000

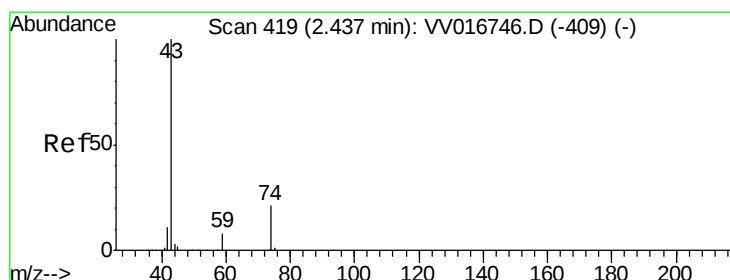
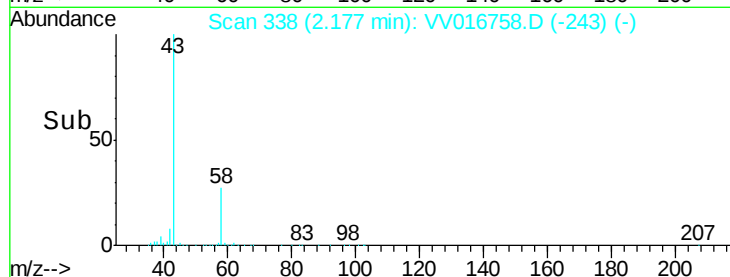
40000

20000

0

Time-->

2.10 2.15 2.20 2.25



#15

Methyl Acetate

Concen: 22.826 ug/L

RT: 2.44 min Scan# 420

Delta R.T. 0.00 min

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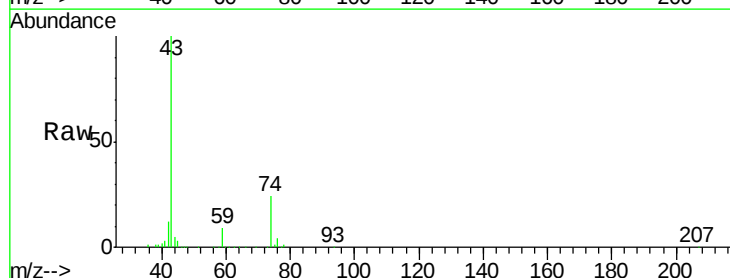
Acq: 10 Jun 2020 10:21

Tgt Ion: 43 Resp: 70094

Ion Ratio Lower Upper

43 100

74 23.4 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.44

50000

40000

30000

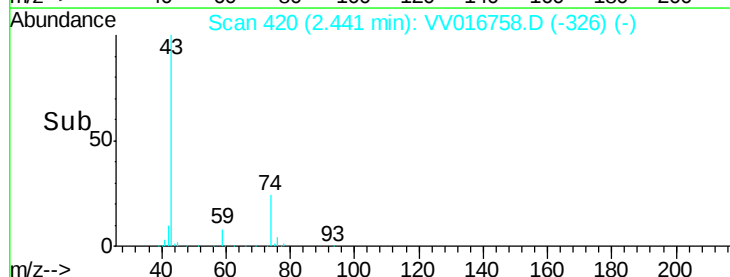
20000

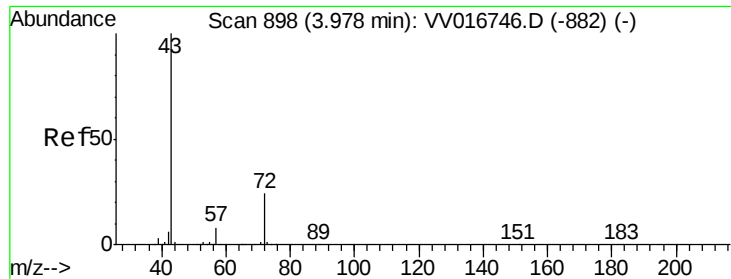
10000

0

Time-->

2.40 2.45 2.50





#22

2-Butanone

Concen: 49.243 ug/L

RT: 3.98 min Scan# 898

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

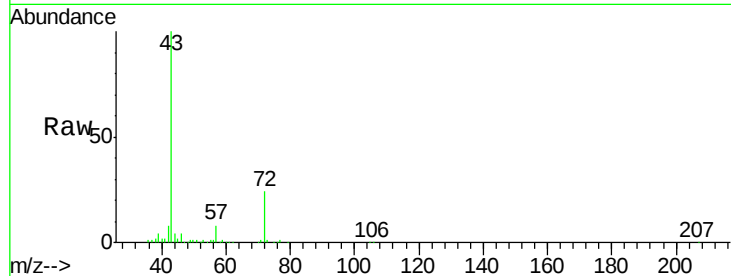
ETTS9

Tot Ion: 43 Resp: 104618

Ion Ratio Lower Upper

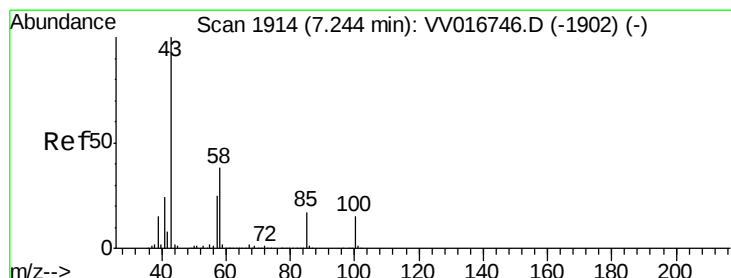
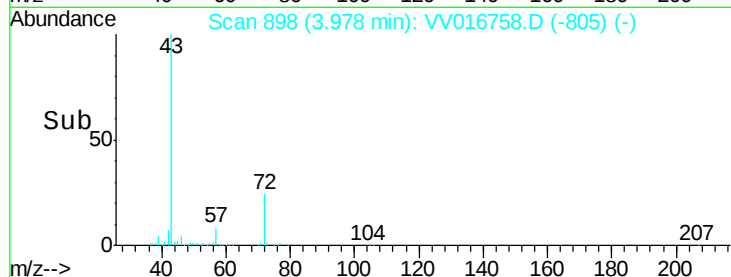
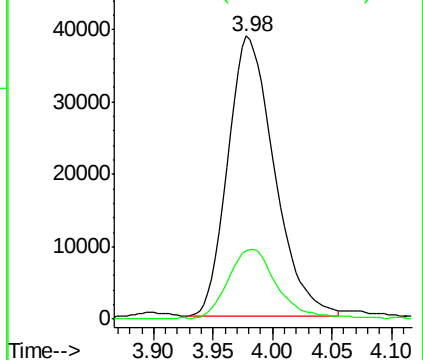
43 100

72 25.5 12.4 37.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#40

4-Methyl-2-pentanone

Concen: 1.318 ug/L

RT: 7.24 min Scan# 1914

Delta R.T. 0.00 min

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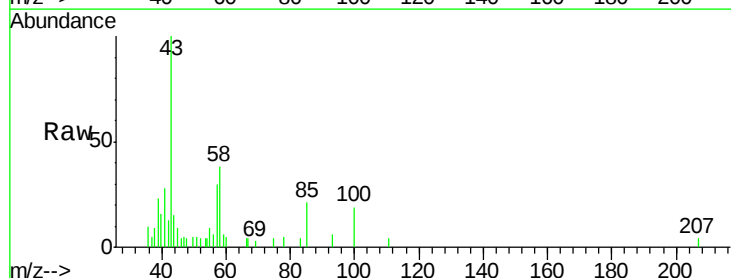
Tgt Ion: 43 Resp: 5431

Ion Ratio Lower Upper

43 100

58 42.2 30.2 45.4

100 15.9 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

