

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011923.D
 Acq On : 17 Jul 2019 20:15
 Operator : SY/MD
 Sample : K3823-13
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52N6

Quant Time: Jul 18 04:26:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 02:17:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	158876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	154496	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67401	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54955	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.59	69	45787	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	77269	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.94	46	140251	47.59	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.18%
24) Chloroform-d	4.40	84	109842	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	60442	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	219806	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	68695	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	186467	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	21536	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	89633	43.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39920	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	69672	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

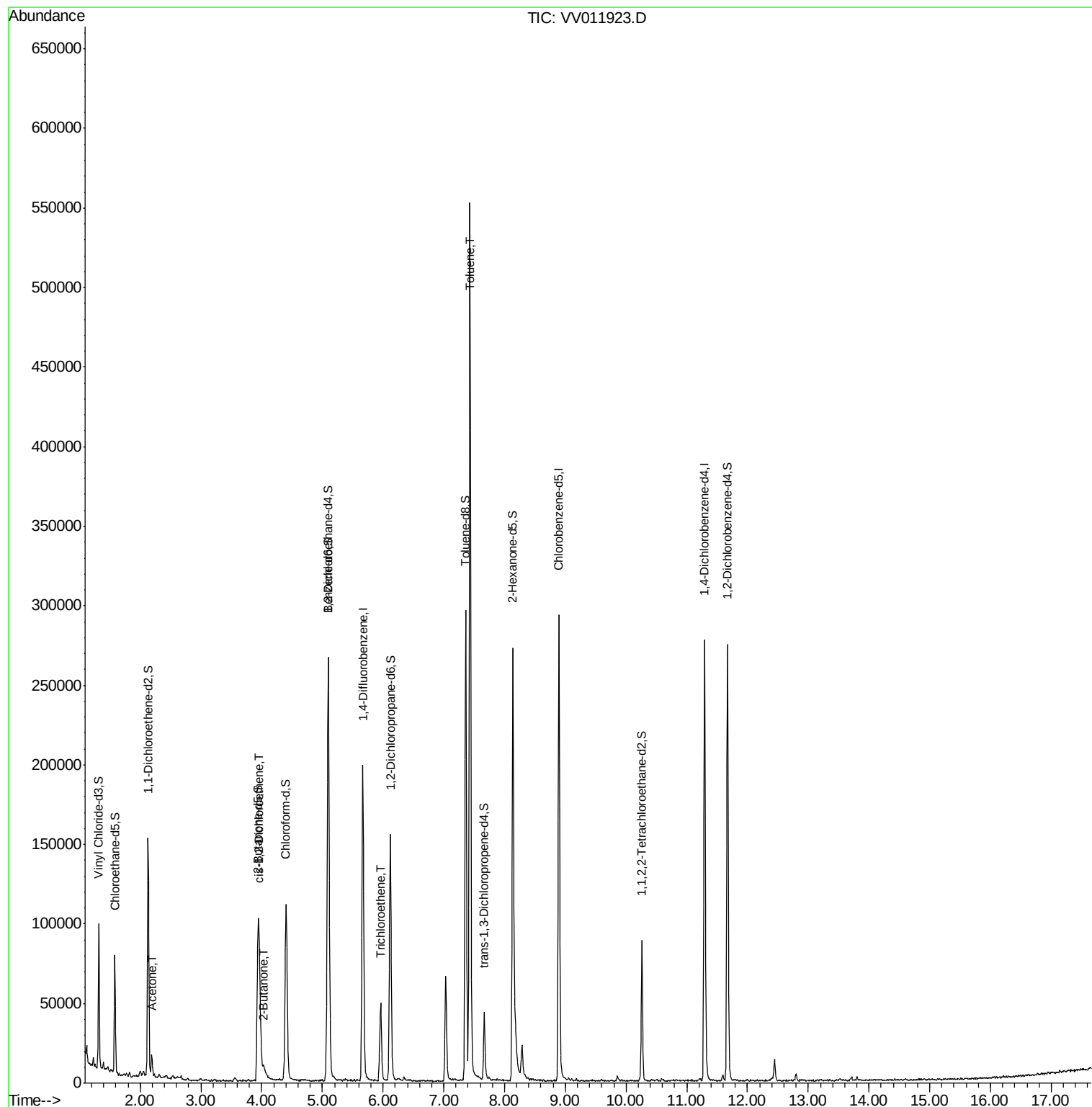
					Ovalue
13) Acetone	2.19	43	13122	8.773	ug/L 100
21) 2-Butanone	4.04	43	10162	3.465	ug/L 86
22) cis-1,2-Dichloroethene	3.96	96	24873	2.029	ug/L 94
34) Trichloroethene	5.96	95	14328	1.066	ug/L 95
42) Toluene	7.43	91	387097	7.631	ug/L 99

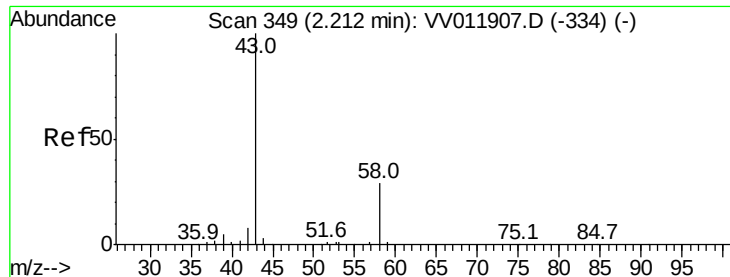
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.773 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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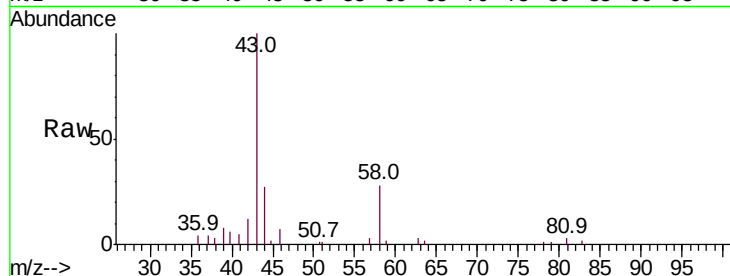
A52N6

Tot Ion: 43 Resp: 13122

Ion Ratio Lower Upper

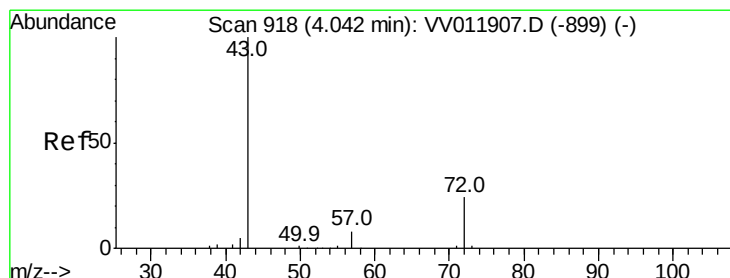
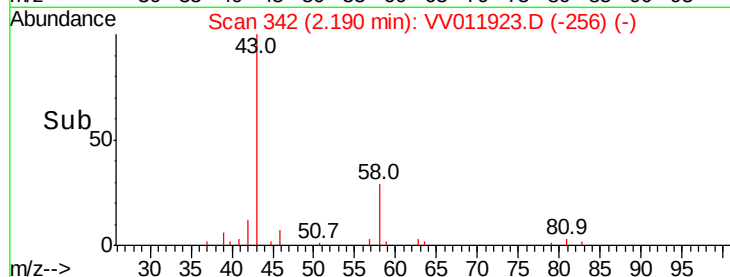
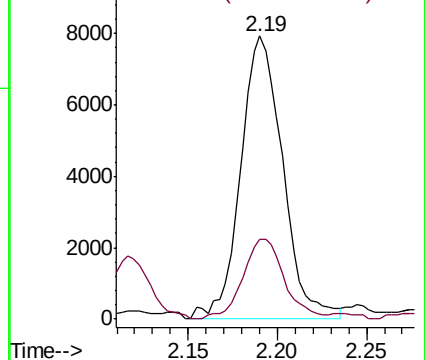
43 100

58 28.0 0.0 55.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 3.465 ug/L

RT: 4.04 min Scan# 916

Delta R.T. -0.01 min

Lab File: VV011923.D

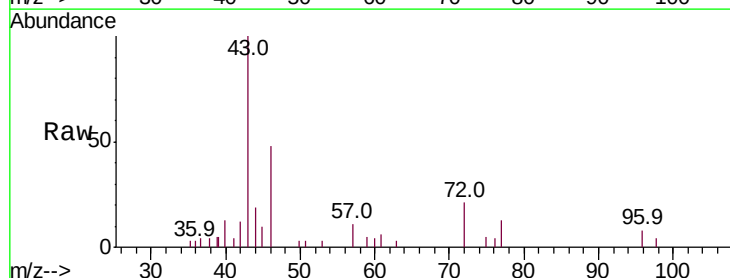
Acq: 17 Jul 2019 20:15

Tgt Ion: 43 Resp: 10162

Ion Ratio Lower Upper

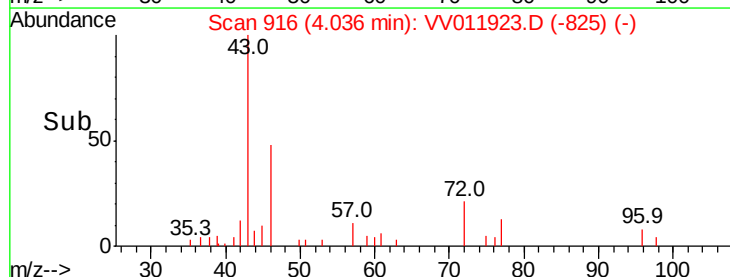
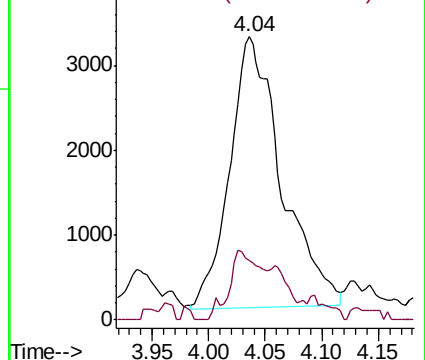
43 100

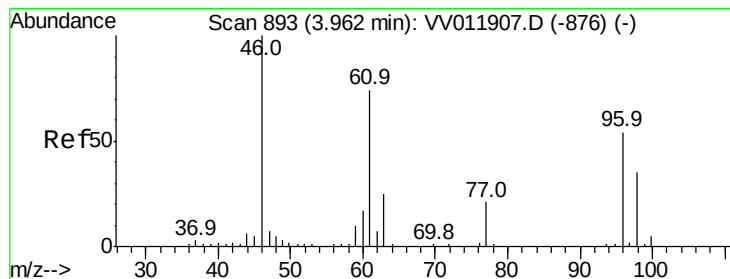
72 15.7 11.2 33.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#22

cis-1,2-Dichloroethene

Concen: 2.029 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.00 min

Lab File: VV011923.D

Acq: 17 Jul 2019 20:15

Instrument :

MSVOA_V

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A52N6

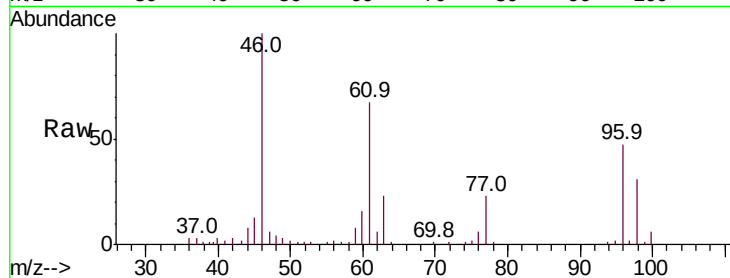
Tot Ion: 96 Resp: 24873

Ion Ratio Lower Upper

96 100

61 142.8 95.2 176.8

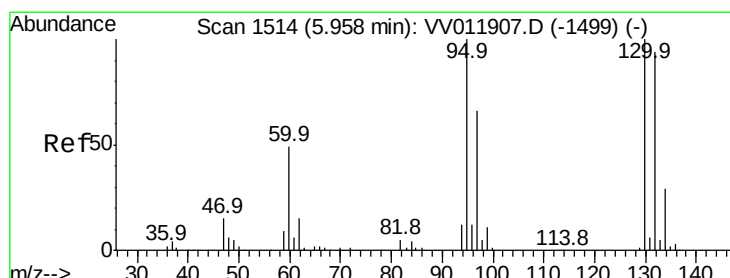
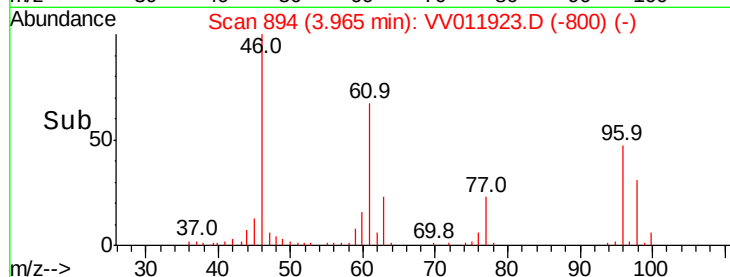
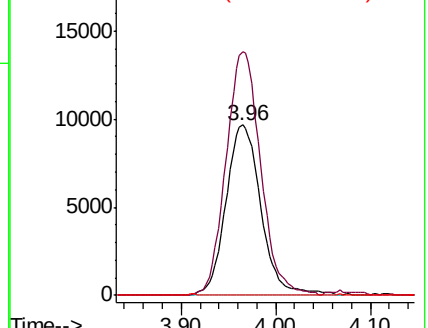
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011907.D (-876) (-)

Ion 61.05 (60.75 to 61.75): VV011907.D (-876) (-)

Ion 68.15 (67.85 to 68.85): VV011907.D (-876) (-)



#34

Trichloroethene

Concen: 1.066 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV011923.D

Acq: 17 Jul 2019 20:15

Tgt Ion: 95 Resp: 14328

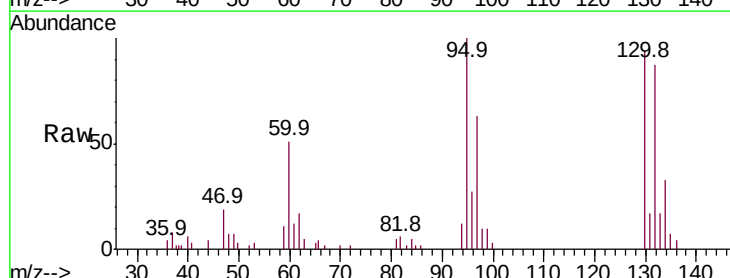
Ion Ratio Lower Upper

95 100

97 63.2 44.0 81.6

132 86.6 67.0 124.4

130 93.8 69.1 128.3

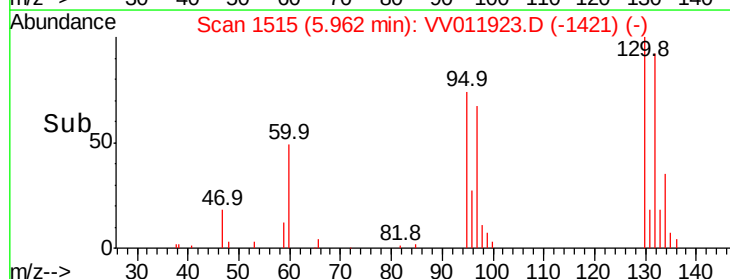
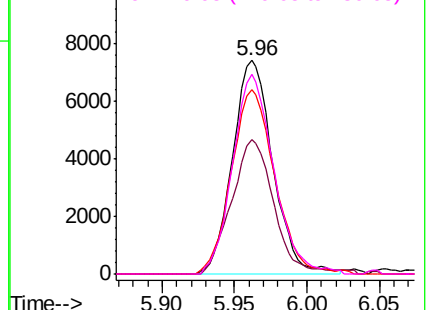


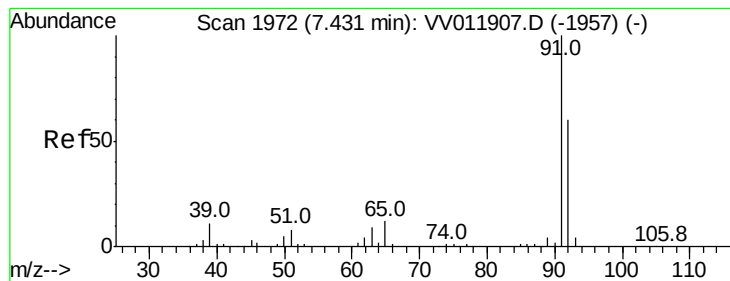
Abundance Ion 95.00 (94.70 to 95.70): VV011907.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV011907.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV011907.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV011907.D (-1499) (-)





#42

Toluene

Concen: 7.631 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011923.D

Acq: 17 Jul 2019 20:15

Instrument :
MSVOA_V
ClientSampleId :
A52N6

Tot Ion: 91 Resp: 387097

Ion Ratio Lower Upper

91 100

92 58.0 41.1 76.3

