

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\
 Data File : VU032998.D
 Acq On : 24 Jun 2019 11:41
 Operator : JC/SP
 Sample : K3478-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF25

Quant Time: Jun 25 06:26:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 25 05:22:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	204018	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199317	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95690	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39143	28.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.14%#
7) Chloroethane-d5	1.68	69	39064	35.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.26%
11) 1,1-Dichloroethene-d2	2.27	63	69652	24.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.60%#
21) 2-Butanone-d5	4.17	46	126974	109.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.41%
24) Chloroform-d	4.64	84	113874	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.30	65	82312	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.33	84	207843	40.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.32	67	72015	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.02%
41) Toluene-d8	7.56	98	183916	37.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.60%#
43) trans-1,3-Dichloropropene-	7.85	79	34339	39.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.76%
47) 2-Hexanone-d5	8.31	63	76075	98.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.43%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	119103	46.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	82222	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

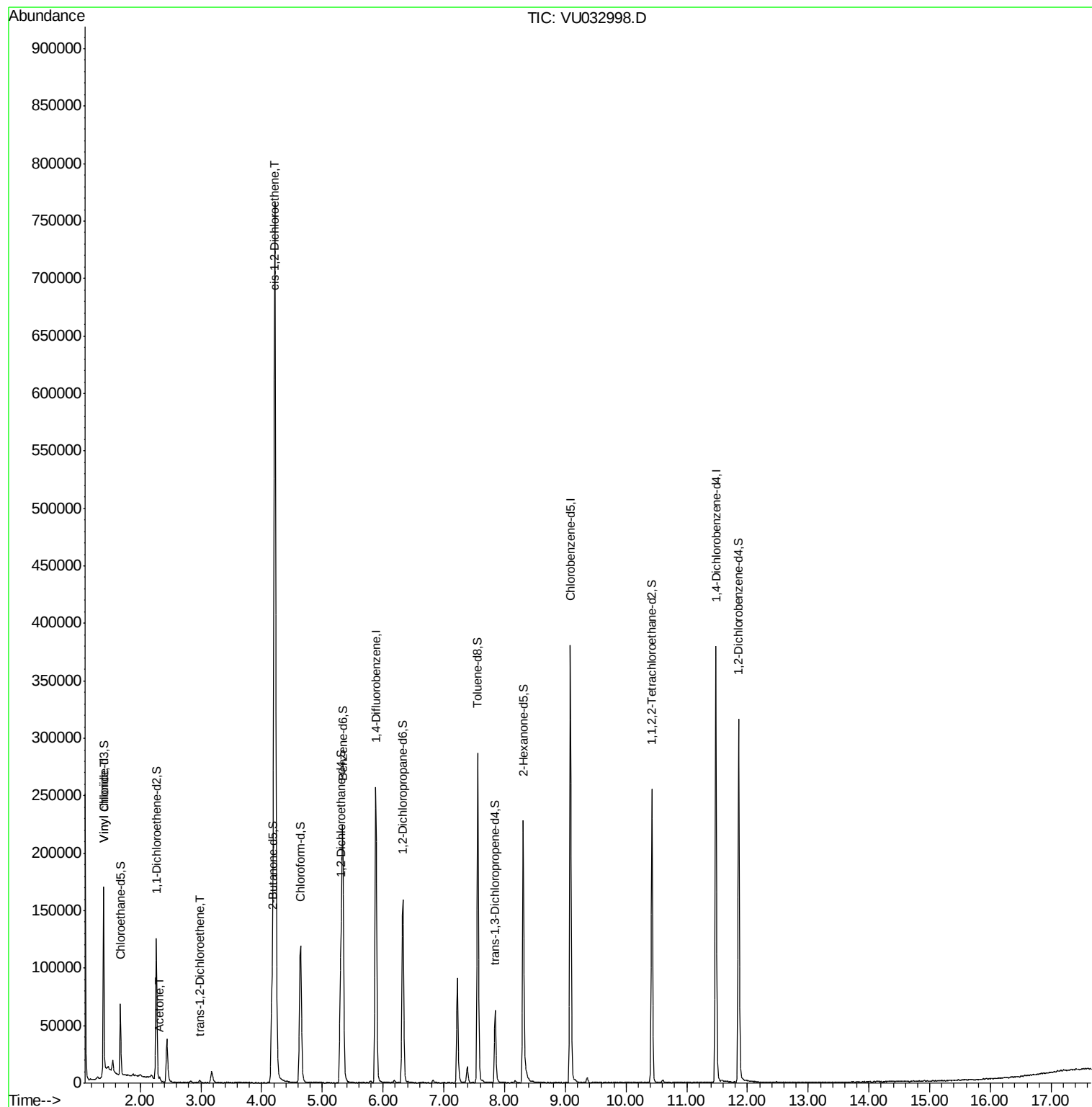
					Ovalue
5) Vinyl chloride	1.40	62	59571	32.154	ug/L 87
13) Acetone	2.32	43	3453	2.154	ug/L 93
17) trans-1,2-Dichloroethene	2.98	96	843	0.605	ug/L 96
20) cis-1,2-Dichloroethene	4.22	96	406862	268.067	ug/L 95

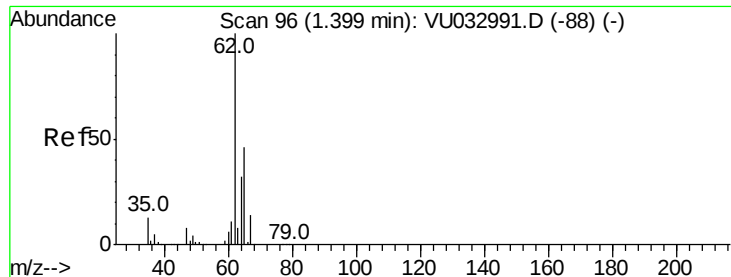
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 32.154 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032998.D

Acq: 24 Jun 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

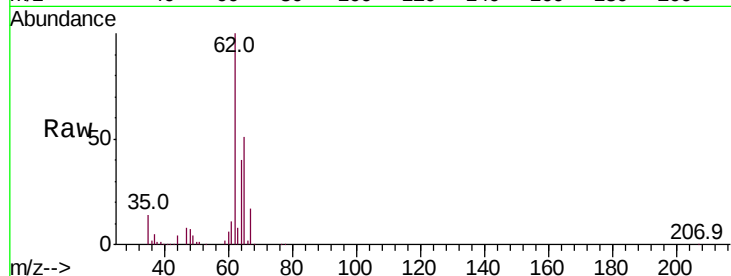
ETF25

Tot Ion: 62 Resp: 59571

Ion Ratio Lower Upper

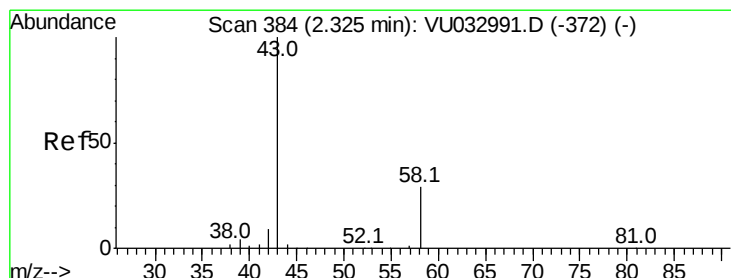
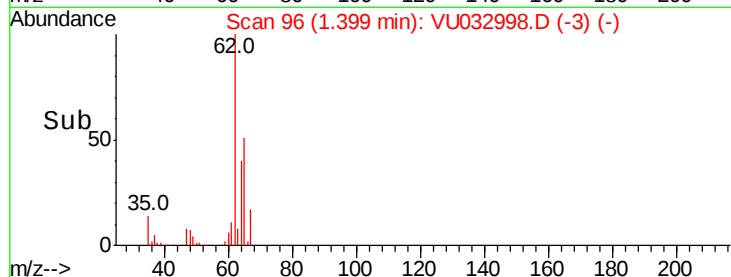
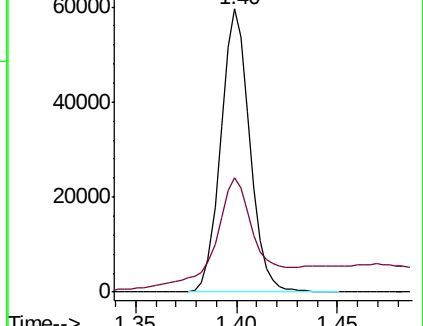
62 100

64 40.2 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU032991.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032991.D (-88) (-)



#13

Acetone

Concen: 2.154 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU032998.D

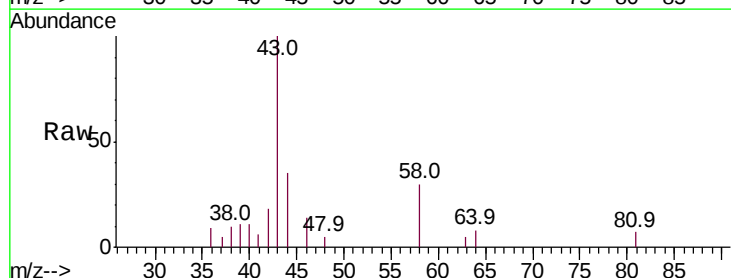
Acq: 24 Jun 2019 11:41

Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

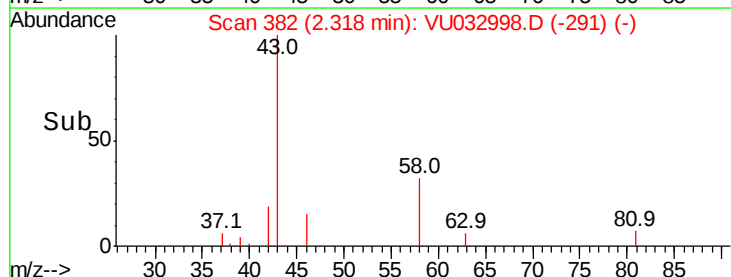
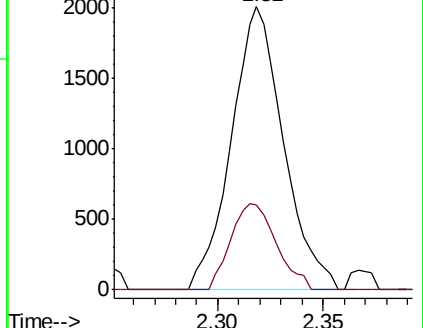
43 100

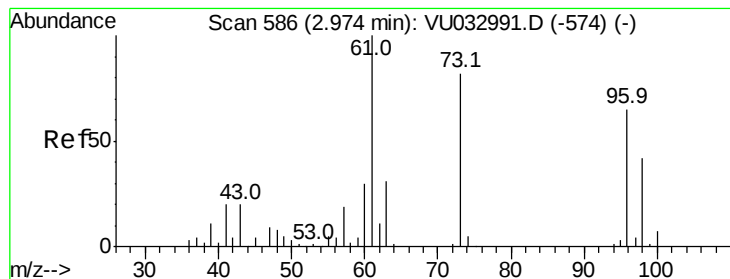
58 26.5 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032991.D (-372) (-)

Ion 58.00 (57.70 to 58.70): VU032991.D (-372) (-)





#17

trans-1,2-Dichloroethene

Concen: 0.605 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU032998.D

Acq: 24 Jun 2019 11:41

Instrument :

MSVOA_U

ClientSampled :

ETF25

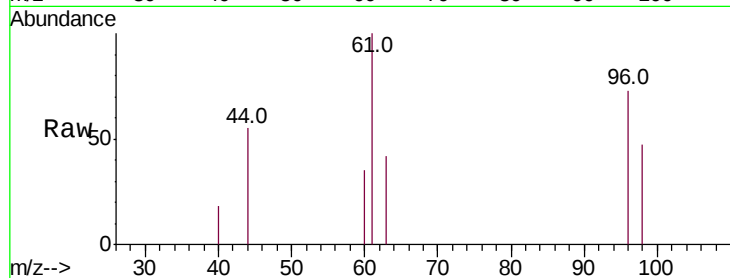
Tot Ion: 96 Resp: 843

Ion Ratio Lower Upper

96 100

61 137.6 100.9 187.5

98 64.8 44.0 81.8

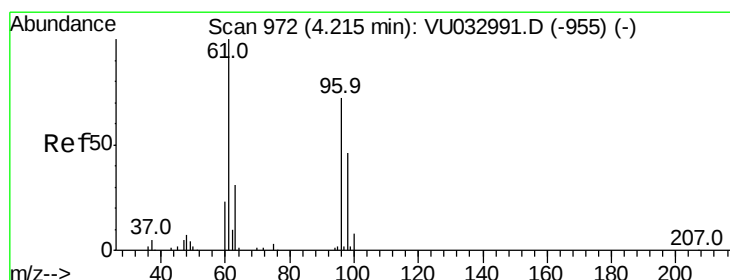
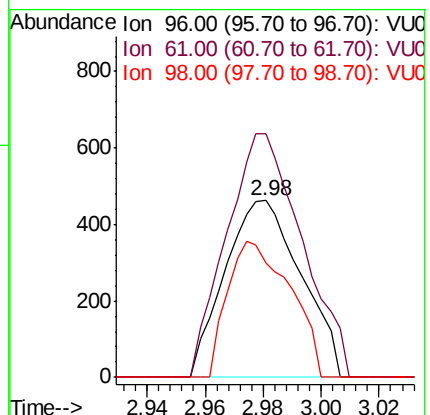
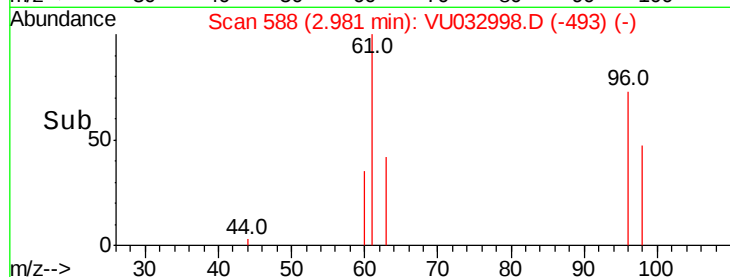


Abundance Ion 96.00 (95.70 to 96.70): VU032998.D (-493) (-)

Ion 61.00 (60.70 to 61.70): VU032998.D (-493) (-)

Ion 98.00 (97.70 to 98.70): VU032998.D (-493) (-)

Time-->



#20

cis-1,2-Dichloroethene

Concen: 268.067 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU032998.D

Acq: 24 Jun 2019 11:41

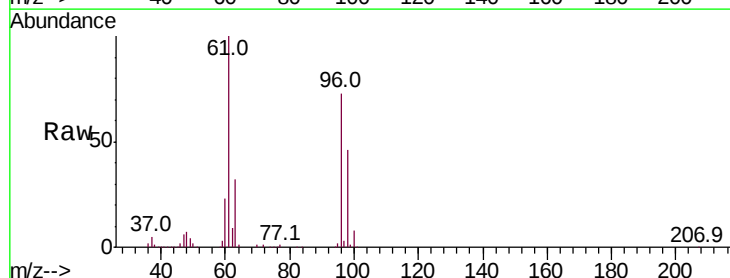
Tgt Ion: 96 Resp: 406862

Ion Ratio Lower Upper

96 100

61 137.8 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032998.D (-879) (-)

Ion 61.00 (60.70 to 61.70): VU032998.D (-879) (-)

Ion 68.00 (67.70 to 68.70): VU032998.D (-879) (-)

Time-->

