

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062219\
 Data File : VU032945.D
 Acq On : 21 Jun 2019 15:15
 Operator : JC/SP
 Sample : K3469-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-1-8.0-062019

Quant Time: Jun 22 01:48:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 00:32:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201546	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	196348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92367	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49804	36.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.32%
7) Chloroethane-d5	1.68	69	44329	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.70%
11) 1,1-Dichloroethene-d2	2.26	63	78943	28.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.90%#
21) 2-Butanone-d5	4.17	46	119576	104.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.30%
24) Chloroform-d	4.64	84	116735	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.30	65	83717	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.33	84	218318	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
36) 1,2-Dichloropropane-d6	6.33	67	74066	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.84%
41) Toluene-d8	7.56	98	191599	39.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.94%#
43) trans-1,3-Dichloropropene-	7.84	79	35413	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.50%
47) 2-Hexanone-d5	8.31	63	71147	93.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.45%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	113275	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	82053	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%

Target Compounds

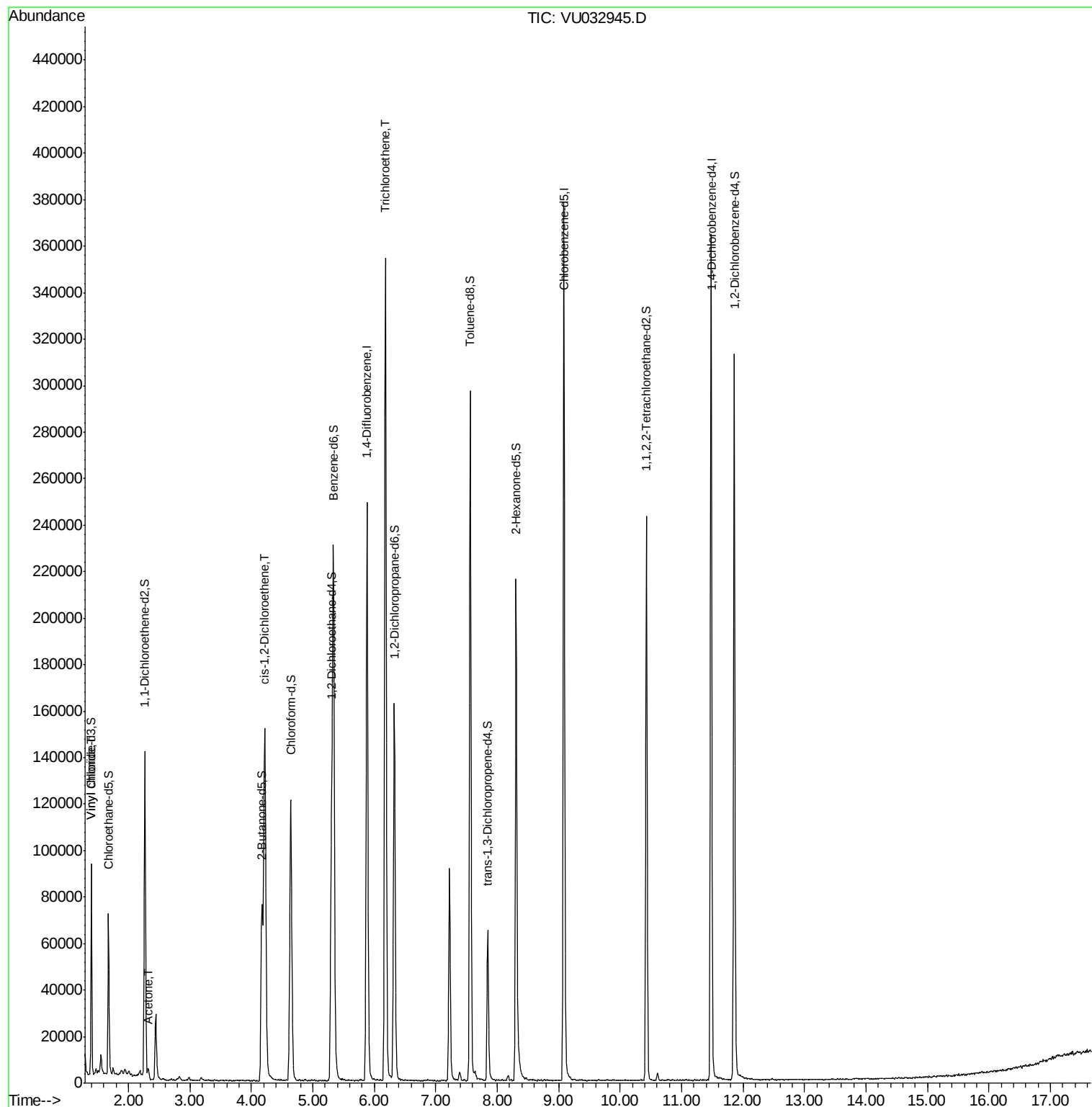
					Ovalue
5) Vinyl chloride	1.40	62	1683	0.920 ug/L #	49
13) Acetone	2.32	43	3989	2.519 ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	77124	51.437 ug/L	93
34) Trichloroethene	6.18	95	117156	77.521 ug/L	98

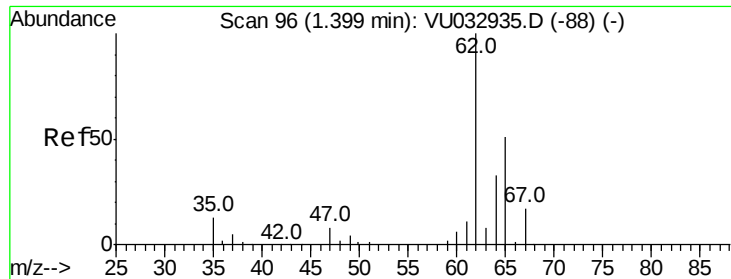
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.920 ug/L

RT: 1.40 min Scan# 34

Delta R.T. 0.00 min

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ClientSampleId :

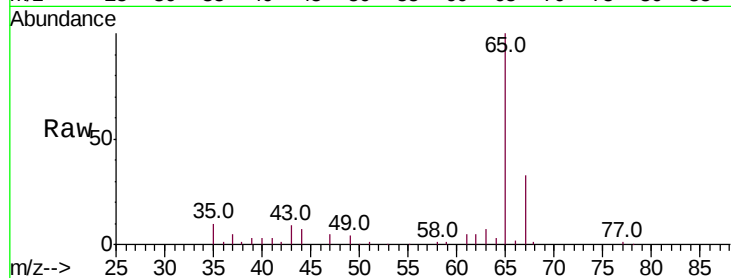
T11-MW-1-8.0-062019

Tot Ion: 62 Resp: 1683

Ion Ratio Lower Upper

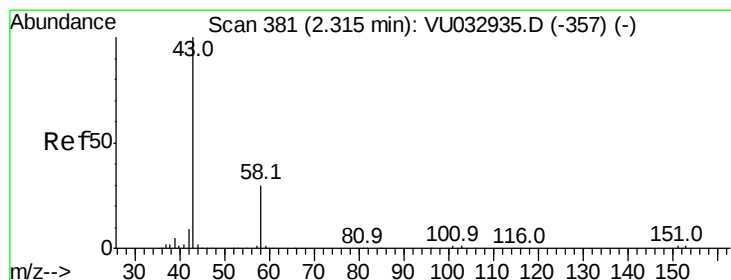
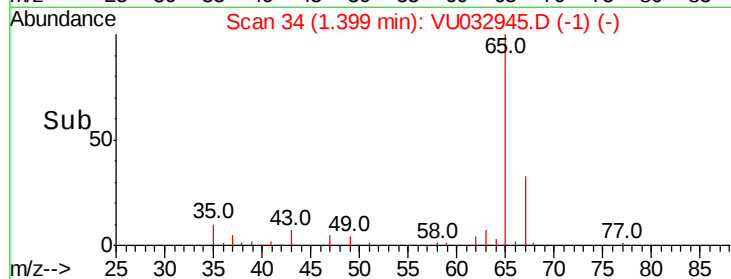
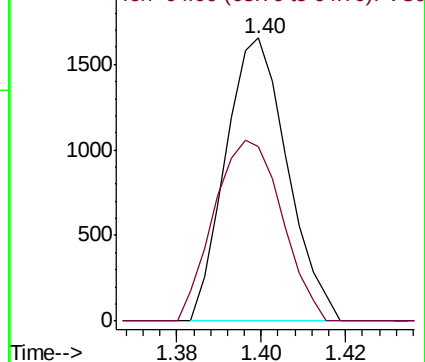
62 100

64 61.6 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 2.519 ug/L

RT: 2.32 min Scan# 320

Delta R.T. 0.00 min

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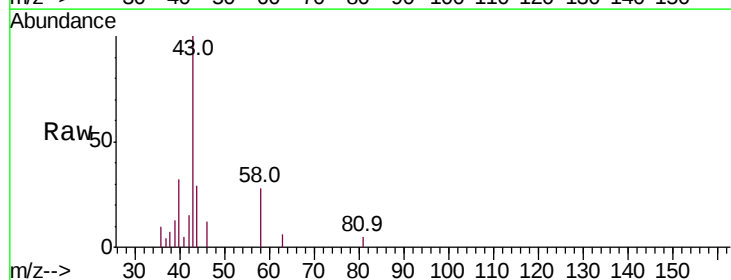
Acq: 21 Jun 2019 15:15

Tgt Ion: 43 Resp: 3989

Ion Ratio Lower Upper

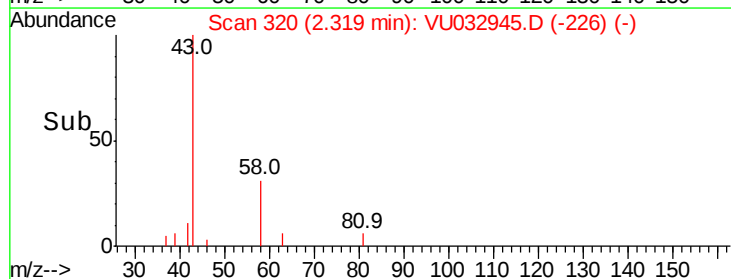
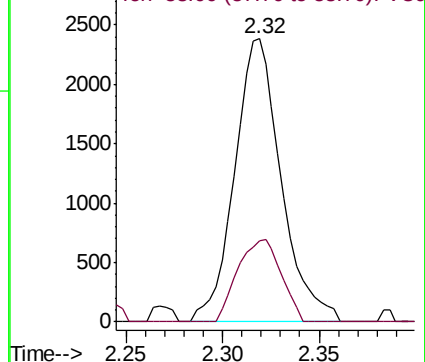
43 100

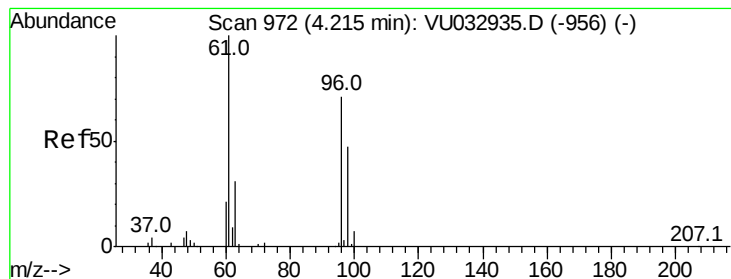
58 27.0 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#20

cis-1,2-Dichloroethene

Concen: 51.437 ug/L

RT: 4.22 min Scan# 911

Delta R.T. 0.00 min

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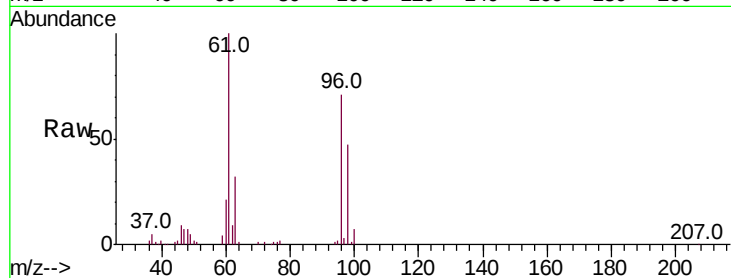
Tot Ion: 96 Resp: 77124

Ion Ratio Lower Upper

96 100

61 140.0 92.4 171.6

68 0.0 0.0 0.0

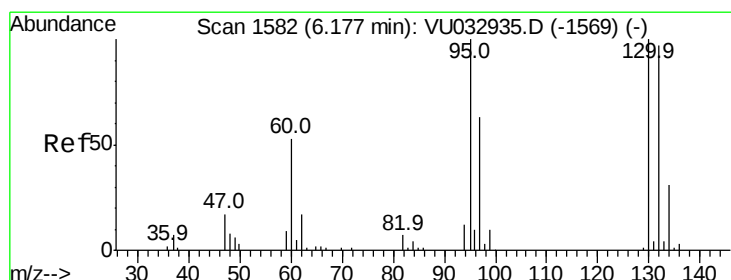
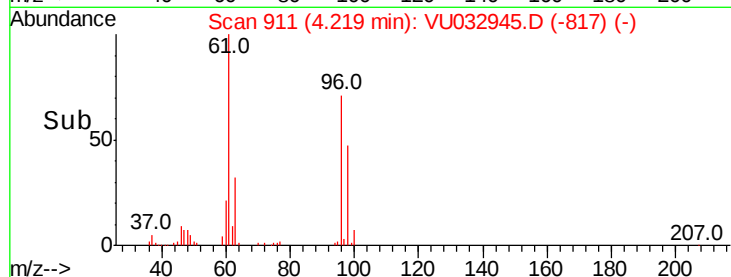
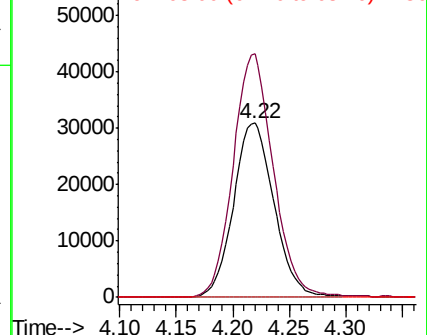


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 77.521 ug/L

RT: 6.18 min Scan# 1521

Delta R.T. 0.00 min

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Acq: 21 Jun 2019 15:15

Tgt Ion: 95 Resp: 117156

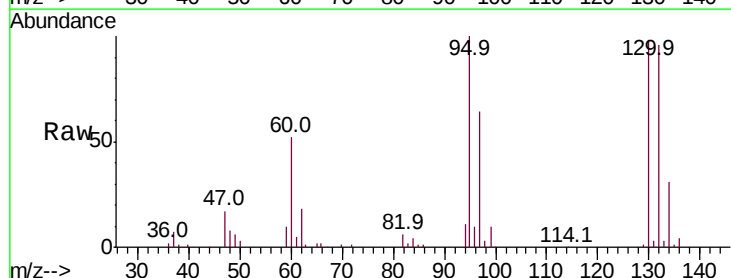
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 96.0 68.5 127.3

130 98.4 70.8 131.4



Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

