

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026563.D
 Acq On : 05 Sep 2018 23:35
 Operator : MD/SY
 Sample : J4718-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEGC4

Quant Time: Sep 06 07:59:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	163530	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65848	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42375	41.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.64%
7) Chloroethane-d5	1.68	69	39131	42.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.52%
11) 1,1-Dichloroethene-d2	2.27	63	62915	27.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.14%#
21) 2-Butanone-d5	4.18	46	79581	101.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	4.65	84	85446	44.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.30%
26) 1,2-Dichloroethane-d4	5.31	65	58080	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.18%
32) Benzene-d6	5.34	84	164710	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.50%
36) 1,2-Dichloropropane-d6	6.33	67	58754	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.57	98	146151	42.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.02%
43) trans-1,3-Dichloropropene-	7.85	79	24323	43.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.06%
47) 2-Hexanone-d5	8.31	63	57108	101.77	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.77%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84218	46.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	58646	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%

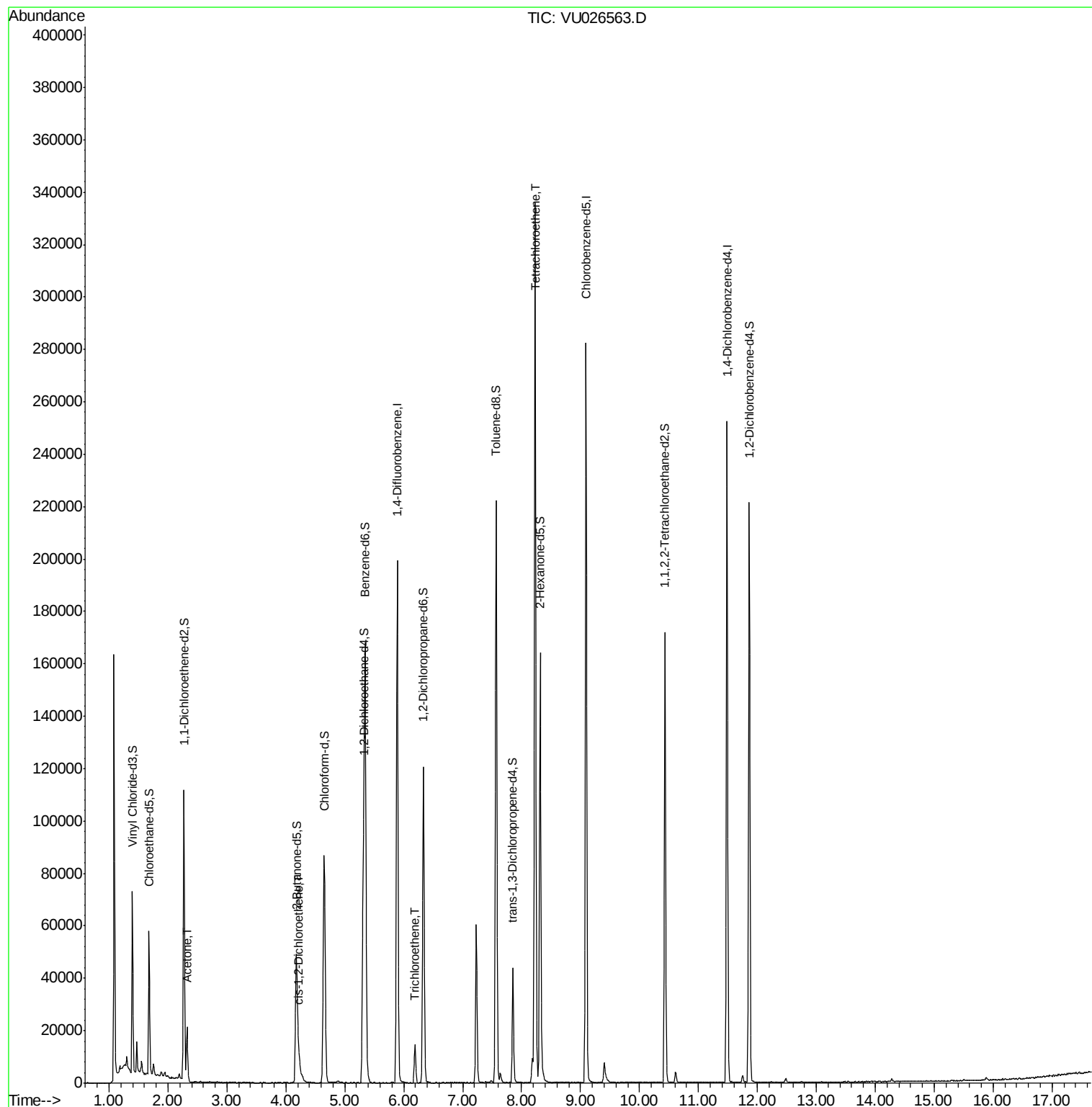
Target Compounds						Ovalue
13) Acetone	2.32	43	21060	30.93	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	3722	3.15	ug/L	93
34) Trichloroethene	6.19	95	5259	4.73	ug/L	90
46) Tetrachloroethene	8.23	164	75193	82.77	ug/L	97

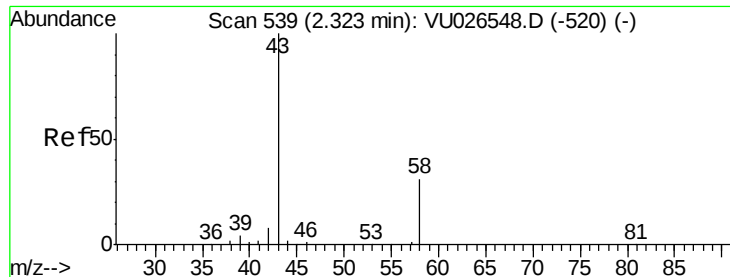
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 30.93 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleID :

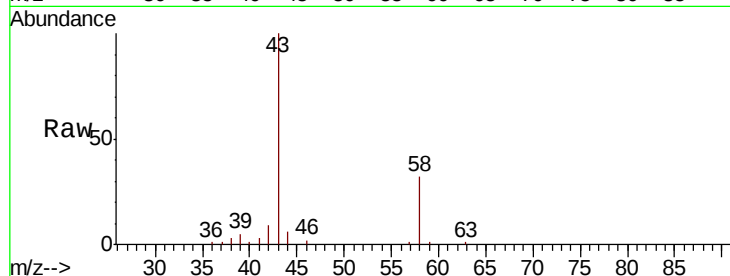
BEGC4

Tot Ion: 43 Resp: 21060

Ion Ratio Lower Upper

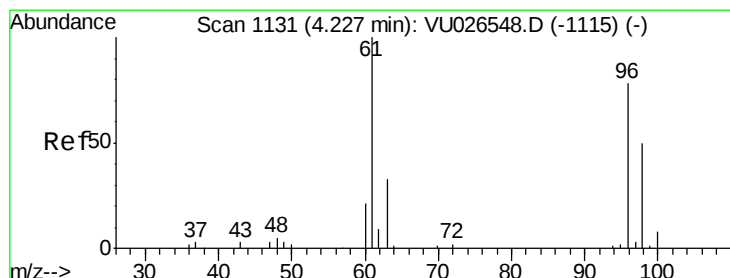
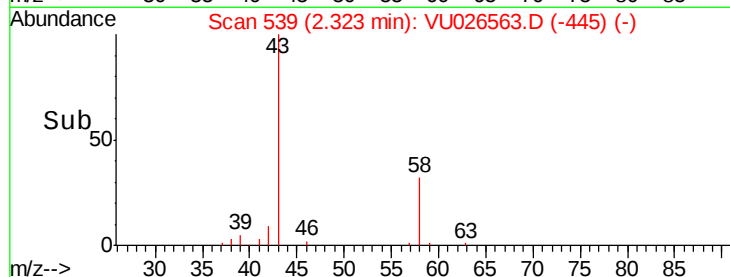
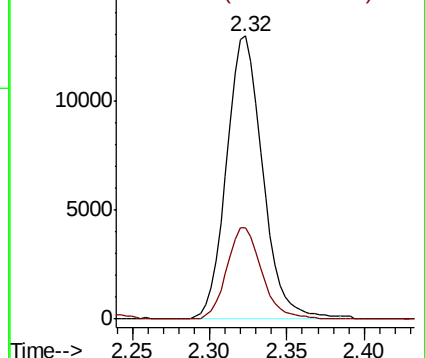
43 100

58 31.0 0.0 61.2



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: 3.15 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026563.D

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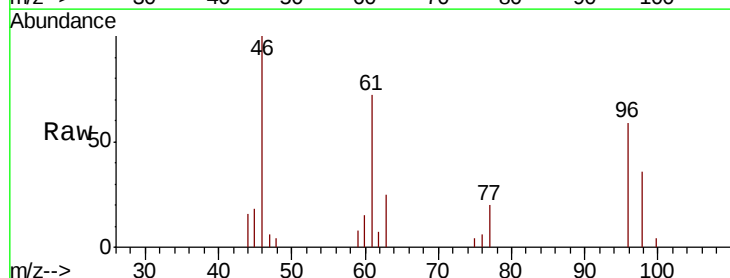
Tgt Ion: 96 Resp: 3722

Ion Ratio Lower Upper

96 100

61 122.4 91.6 170.2

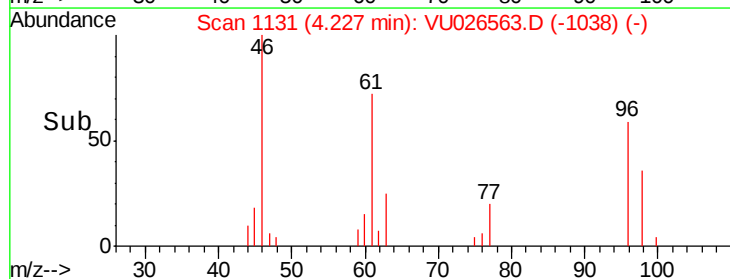
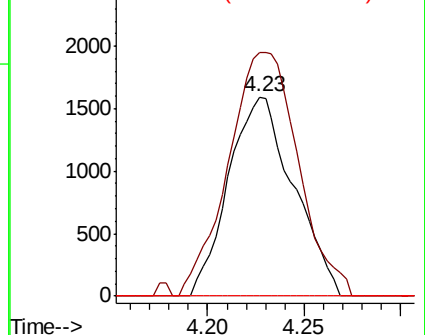
68 0.0 0.0 0.0

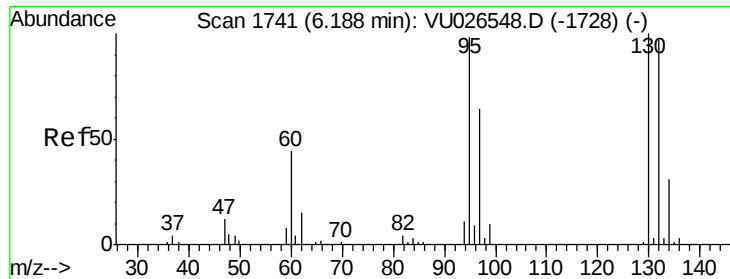


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

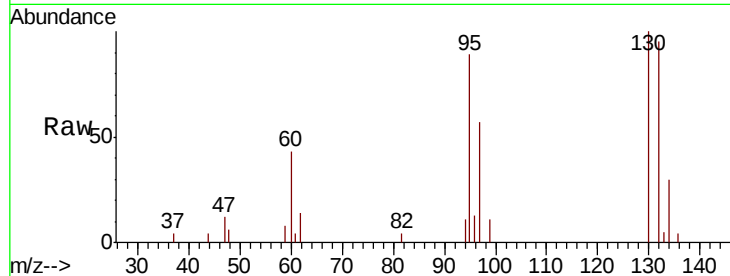




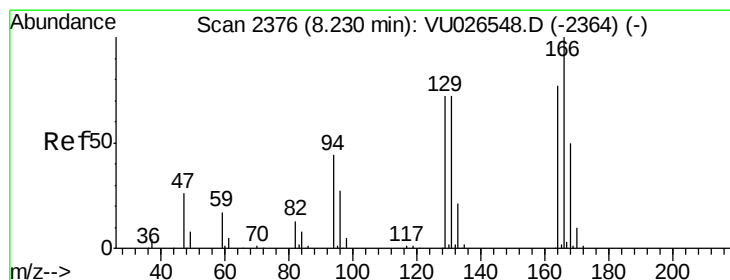
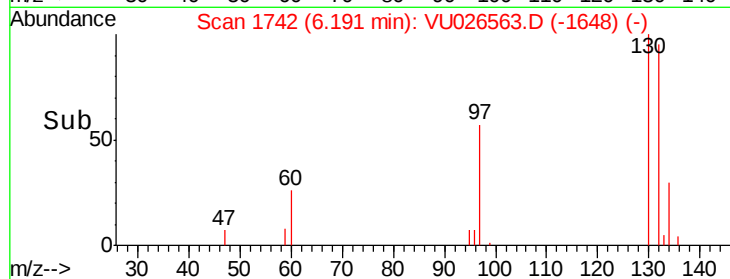
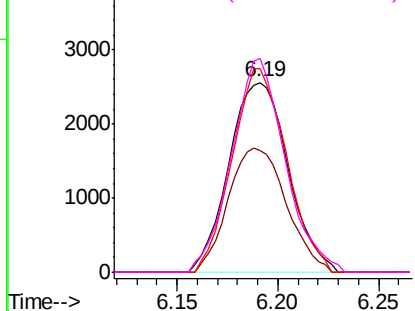
#34
 Trichloroethene
 Concen: 4.73 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026563.D
 Acq: 05 Sep 2018 23:35

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Tot Ion: 95 Resp: 5259
 Ion Ratio Lower Upper
 95 100
 97 64.5 45.1 83.7
 132 107.6 67.5 125.3
 130 112.7 69.3 128.7

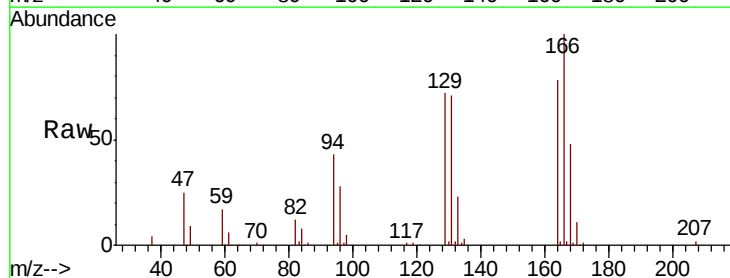


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#46
 Tetrachloroethene
 Concen: 82.77 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026563.D
 Acq: 05 Sep 2018 23:35

Tgt Ion: 164 Resp: 75193
 Ion Ratio Lower Upper
 164 100
 129 91.8 67.3 125.1
 131 90.2 65.3 121.3
 166 127.6 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

