

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032713.D
 Acq On : 13 Jun 2019 23:00
 Operator : JC/SP
 Sample : K3364-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM34

Quant Time: Jun 17 16:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 07:38:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	91392	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	86279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41393	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27604	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.67	69	24207	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.27	63	43992	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.18	46	91743	55.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.64%
24) Chloroform-d	4.64	84	56792	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.31	65	33480	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.33	84	111917	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.32	67	35401	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.56	98	96596	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.85	79	12254	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.31	63	47811	33.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26291	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	39456	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

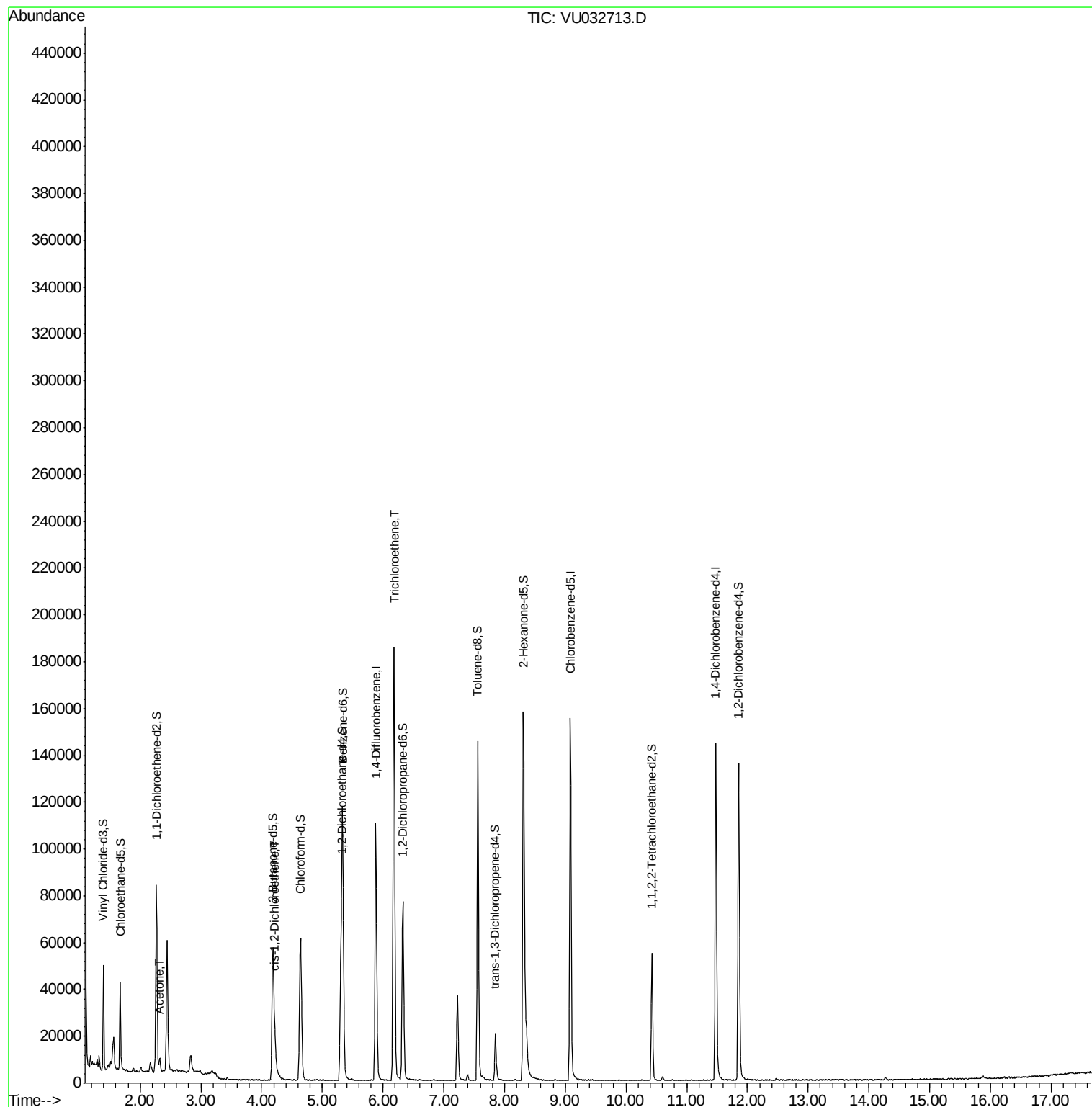
Target Compounds					Ovalue
13) Acetone	2.32	43	5019	3.899 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	3081	0.435 ug/L	98
34) Trichloroethene	6.18	95	61994	8.473 ug/L	98

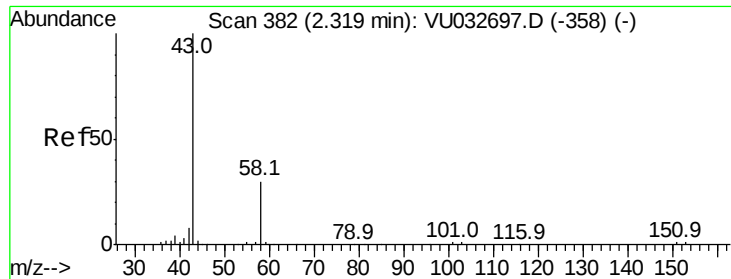
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.899 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

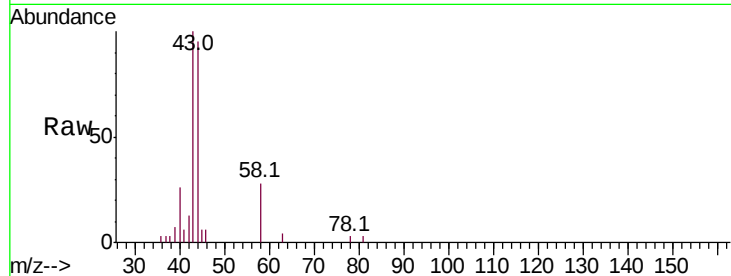
COM34

Tot Ion: 43 Resp: 5019

Ion Ratio Lower Upper

43 100

58 28.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU032713.D (-289) (-)

Ion 58.05 (57.75 to 58.75): VU032713.D (-289) (-)

2.32

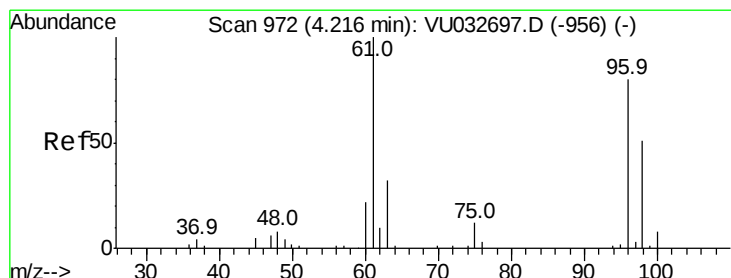
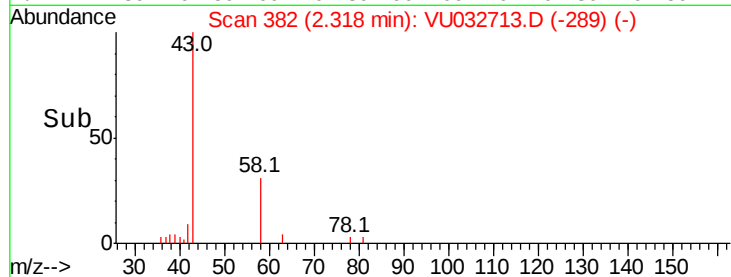
3000

2000

1000

0

Time--> 2.25 2.30 2.35



#22

cis-1,2-Dichloroethene

Concen: 0.435 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

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Acq: 13 Jun 2019 23:00

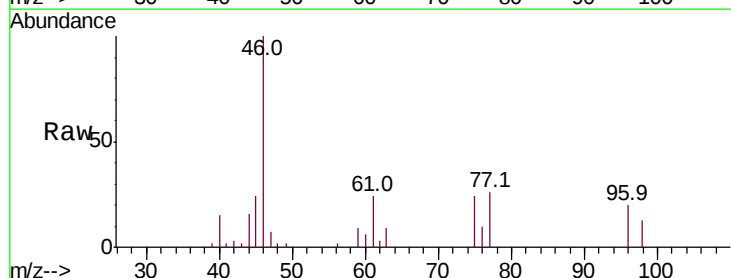
Tgt Ion: 96 Resp: 3081

Ion Ratio Lower Upper

96 100

61 121.3 86.6 160.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032713.D (-879) (-)

Ion 61.05 (60.75 to 61.75): VU032713.D (-879) (-)

Ion 68.15 (67.85 to 68.85): VU032713.D (-879) (-)

4.22

2000

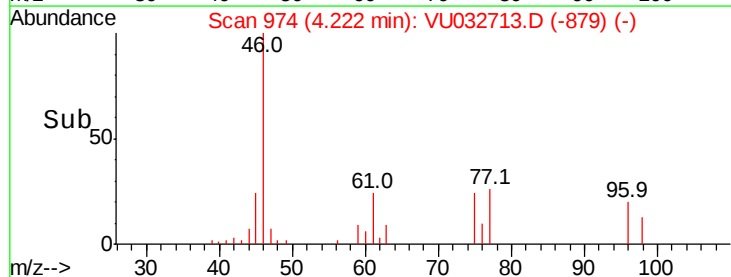
1500

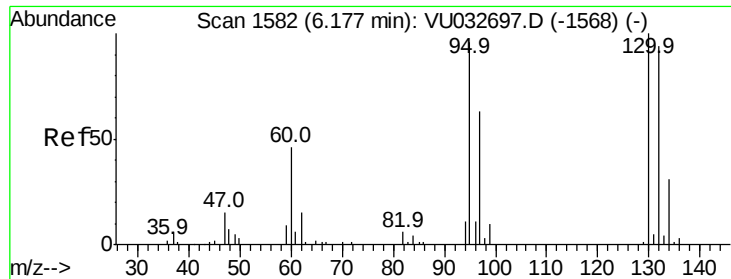
1000

500

0

Time--> 4.15 4.20 4.25 4.30





#34

Trichloroethene

Concen: 8.473 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

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Acq: 13 Jun 2019 23:00

Instrument :

MSVOA_U

ClientSampleId :

COM34

Tot Ion: 95 Resp: 61994

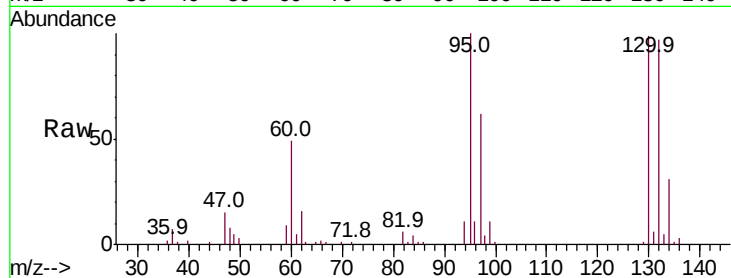
Ion Ratio Lower Upper

95 100

97 61.9 44.1 81.9

132 97.4 68.8 127.8

130 98.7 71.0 131.8



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

