

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036629.D
 Acq On : 30 Jan 2020 19:36
 Operator : JC/MD
 Sample : L1326-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCS7

Quant Time: Jan 31 04:41:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 04:01:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	287344	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	266930	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123120	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83020	38.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.14%
7) Chloroethane-d5	1.93	69	76601	41.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.96%
11) 1,1-Dichloroethene-d2	2.59	63	109390	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	4.68	46	132673	103.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.86%
24) Chloroform-d	5.11	84	153572	43.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.16%
26) 1,2-Dichloroethane-d4	5.75	65	99376	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.48%
32) Benzene-d6	5.77	84	342462	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
36) 1,2-Dichloropropane-d6	6.73	67	110798	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.70%
41) Toluene-d8	7.93	98	322524	44.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.30%
43) trans-1,3-Dichloropropene-	8.21	79	51517	46.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.58%
47) 2-Hexanone-d5	8.67	63	119568	110.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	163191	47.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.88%
64) 1,2-Dichlorobenzene-d4	12.21	152	122693	46.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.88%

Target Compounds

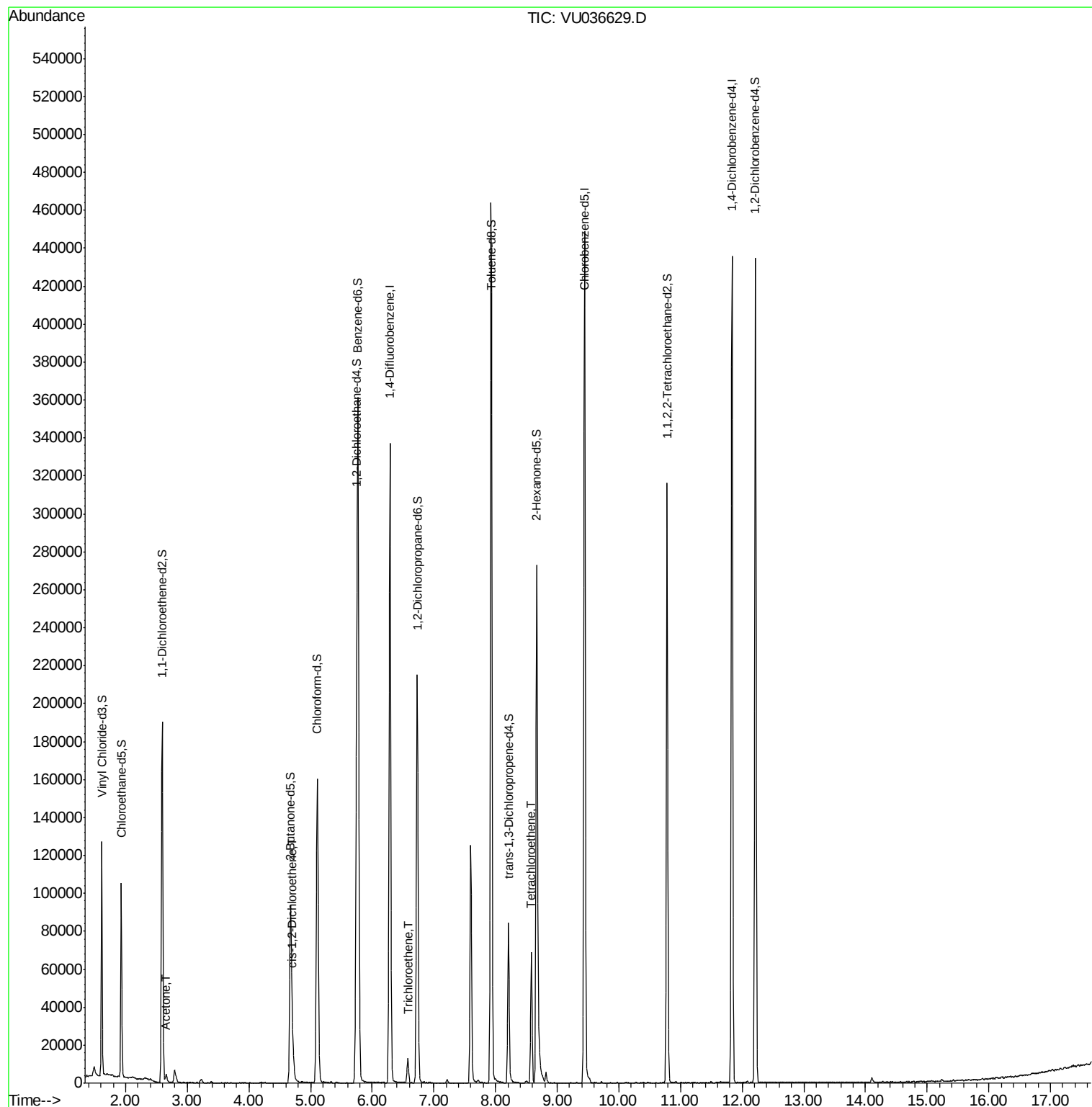
					Ovalue
13) Acetone	2.66	43	4627	3.742	ug/L 100
20) cis-1,2-Dichloroethene	4.71	96	7552	3.463	ug/L 100
34) Trichloroethene	6.58	95	4284	2.086	ug/L 94
46) Tetrachloroethene	8.58	164	15977	9.574	ug/L 95

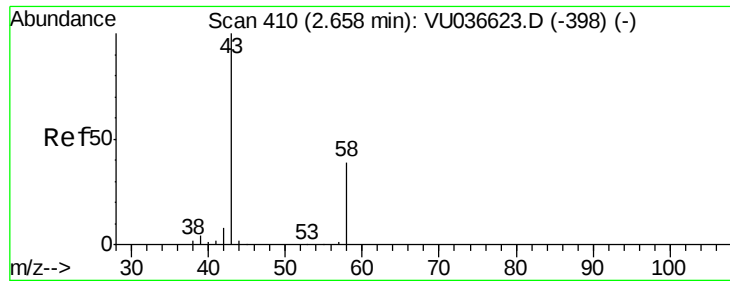
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.742 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

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Acq: 30 Jan 2020 19:36

Instrument :

MSVOA_U

ClientSampleId :

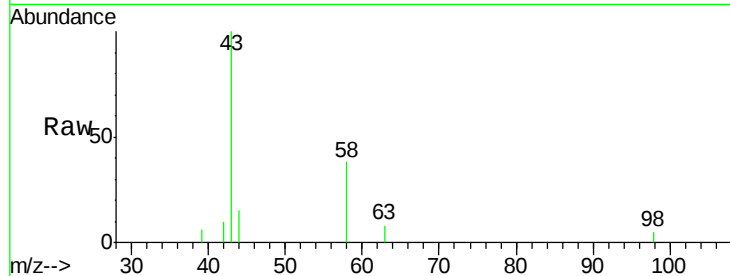
DBCS7

Tot Ion: 43 Resp: 4627

Ion Ratio Lower Upper

43 100

58 37.5 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036629.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036629.D (-317) (-)

2.66

2500

2000

1500

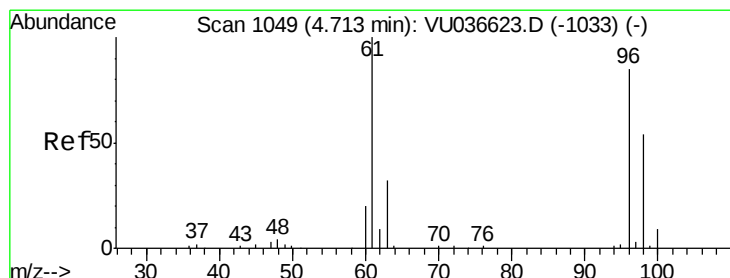
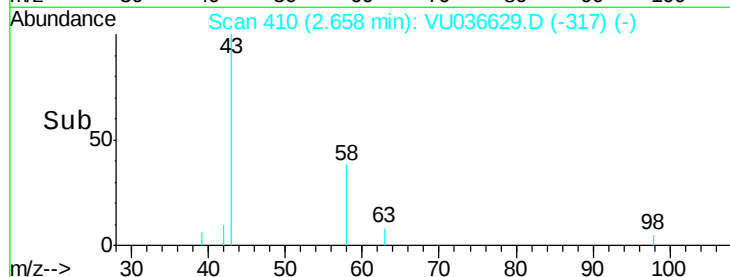
1000

500

0

Time-->

2.60 2.65 2.70



#20

cis-1,2-Dichloroethene

Concen: 3.463 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU036629.D

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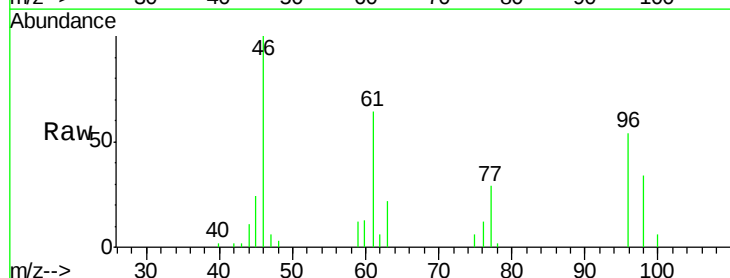
Tgt Ion: 96 Resp: 7552

Ion Ratio Lower Upper

96 100

61 117.4 82.2 152.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036629.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU036629.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU036629.D (-956) (-)

4.71

5000

4000

3000

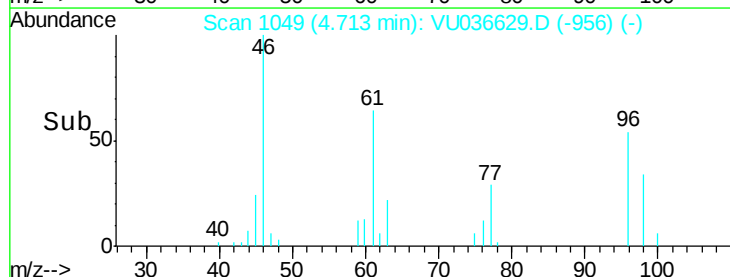
2000

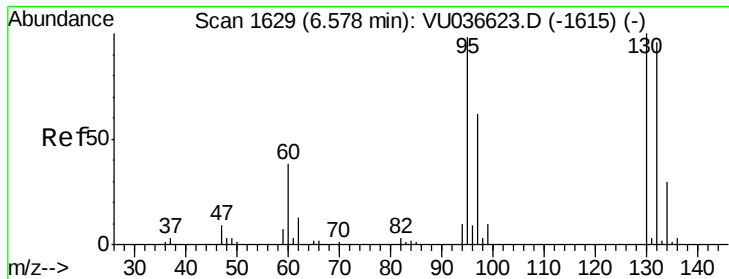
1000

0

Time-->

4.65 4.70 4.75





#34

Trichloroethene

Concen: 2.086 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036629.D

Acq: 30 Jan 2020 19:36

Instrument :

MSVOA_U

ClientSampleId :

DBCS7

Tot Ion: 95 Resp: 4284

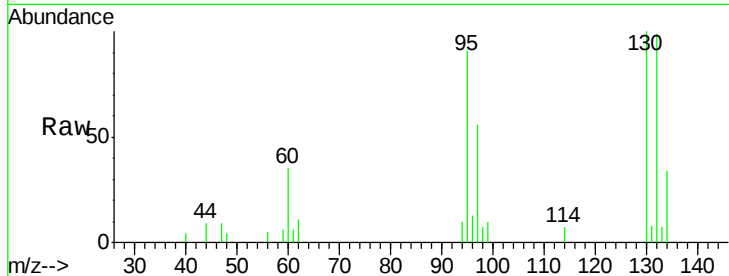
Ion Ratio Lower Upper

95 100

97 61.2 45.5 84.5

132 108.9 70.9 131.7

130 110.2 72.9 135.3

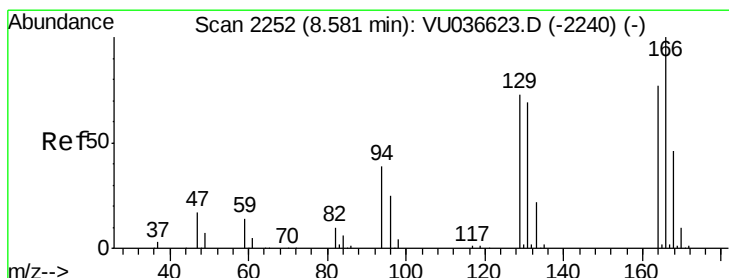
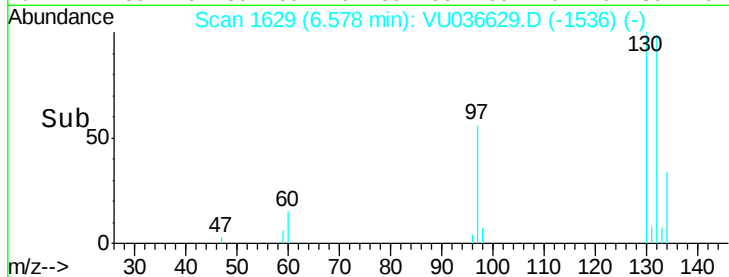
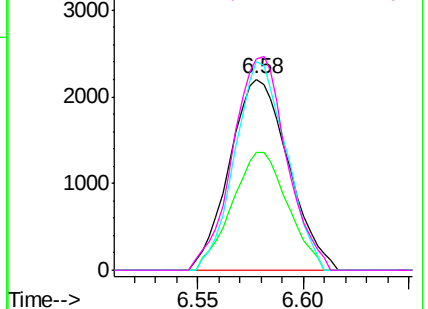


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 9.574 ug/L

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU036629.D

Acq: 30 Jan 2020 19:36

Tgt Ion: 164 Resp: 15977

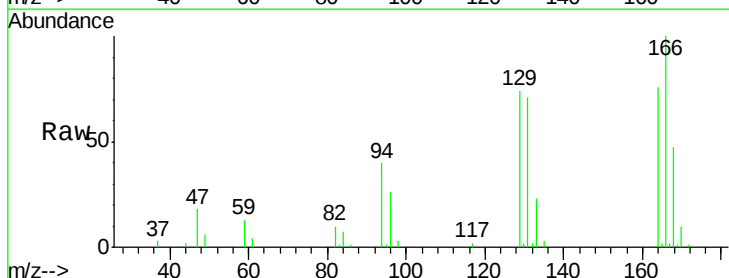
Ion Ratio Lower Upper

164 100

129 97.2 64.2 119.2

131 93.6 61.8 114.8

166 131.9 88.8 165.0



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

