

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\
 Data File : VU036633.D
 Acq On : 30 Jan 2020 21:14
 Operator : JC/MD
 Sample : L1303-07ME
 Misc : 4.44g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AF2ME

Quant Time: Jan 31 05:38:10 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	292397	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	271759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	135944	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80740	36.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.74%
7) Chloroethane-d5	1.89	69	17698	9.42	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	18.84%#
11) 1,1-Dichloroethene-d2	2.55	63	104497	29.51	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.02%#
21) 2-Butanone-d5	4.69	46	78967	60.75	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	60.75%
24) Chloroform-d	5.11	84	149442	41.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.34%
26) 1,2-Dichloroethane-d4	5.74	65	98513	44.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.14%
32) Benzene-d6	5.76	84	342500	44.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.73	67	111816	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.88%
41) Toluene-d8	7.93	98	327654	44.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.10%
43) trans-1,3-Dichloropropene-	8.21	79	51606	45.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.10%
47) 2-Hexanone-d5	8.68	63	117931	106.76	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.76%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	167235	47.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.50%
64) 1,2-Dichlorobenzene-d4	12.22	152	128081	43.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.82%

Target Compounds

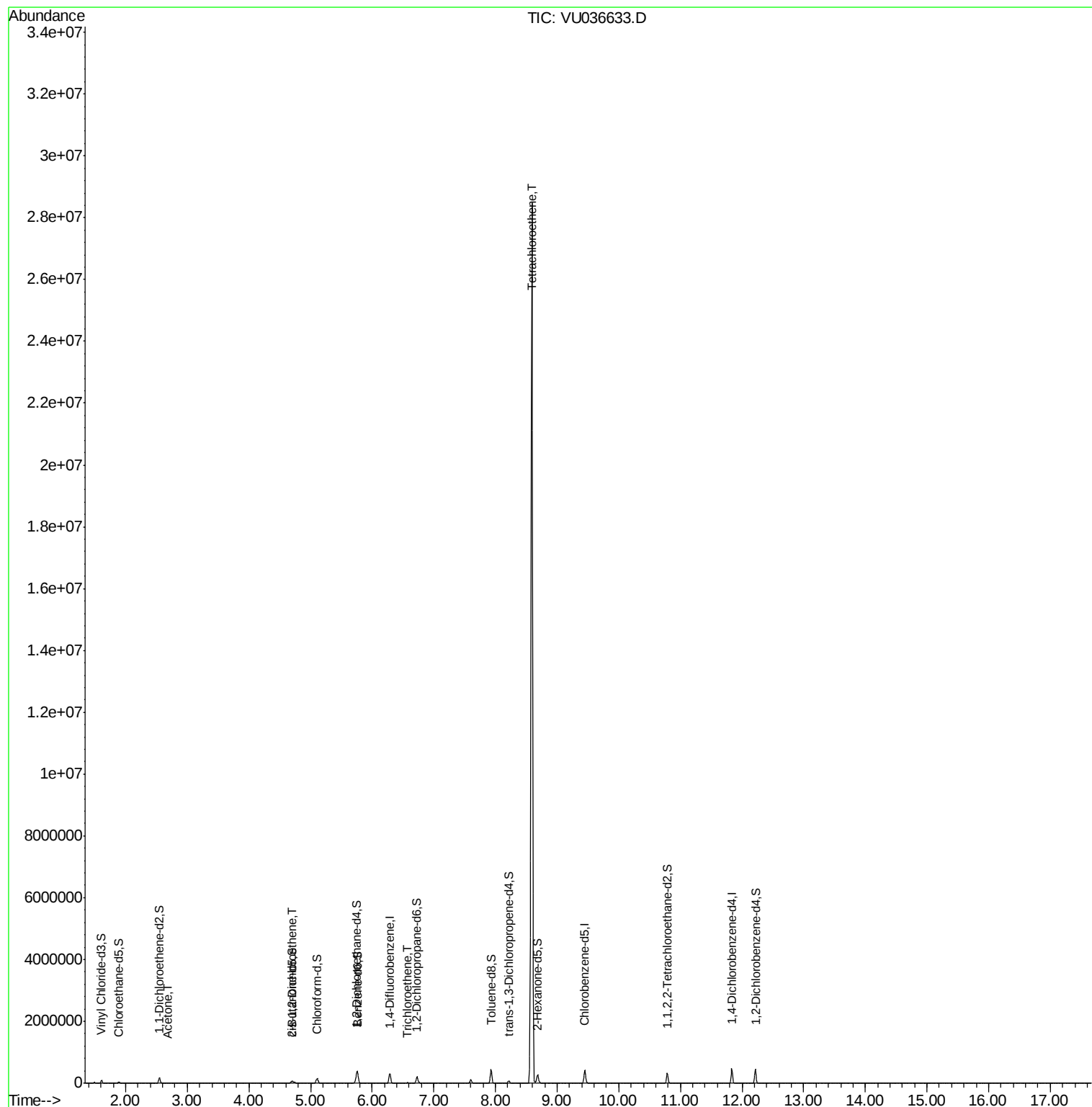
					Ovalue
13) Acetone	2.69	43	2596	2.063	ug/L 98
20) cis-1,2-Dichloroethene	4.71	96	3359	1.514	ug/L 72
34) Trichloroethene	6.57	95	5572	2.664	ug/L 93
46) Tetrachloroethene	8.59	164	7462752	4392.559	ug/L 97

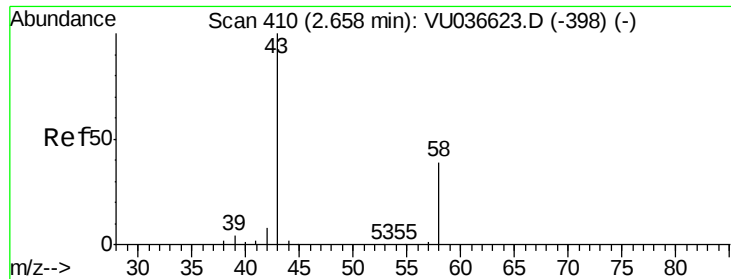
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.063 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.03 min

Lab File: VU036633.D

Acq: 30 Jan 2020 21:14

Instrument :

MSVOA_U

ClientSampleId :

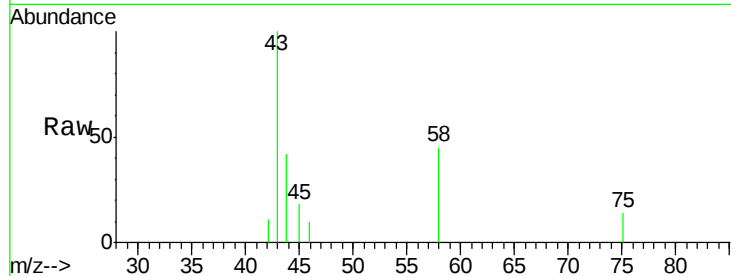
C0AF2ME

Tot Ion: 43 Resp: 2596

Ion Ratio Lower Upper

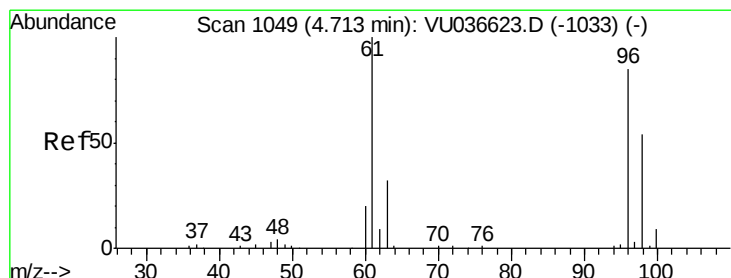
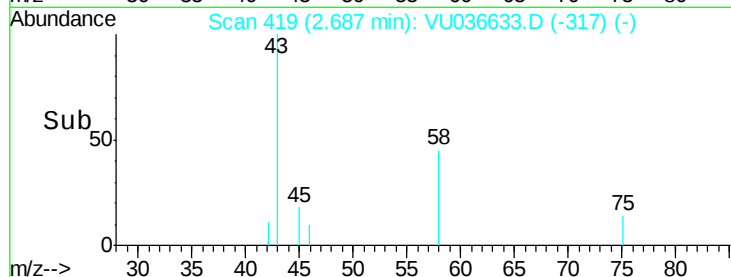
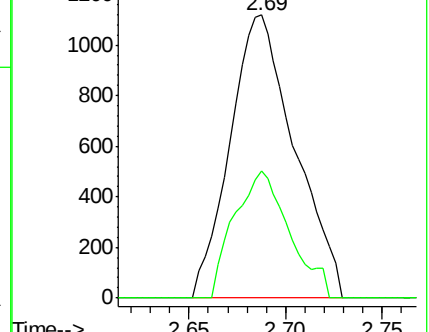
43 100

58 36.7 0.0 75.4



Abundance Ion 43.00 (42.70 to 43.70): VU036633.D (-317) (-)

Ion 58.00 (57.70 to 58.70): VU036633.D (-317) (-)



#20

cis-1,2-Dichloroethene

Concen: 1.514 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. -0.01 min

Lab File: VU036633.D

Acq: 30 Jan 2020 21:14

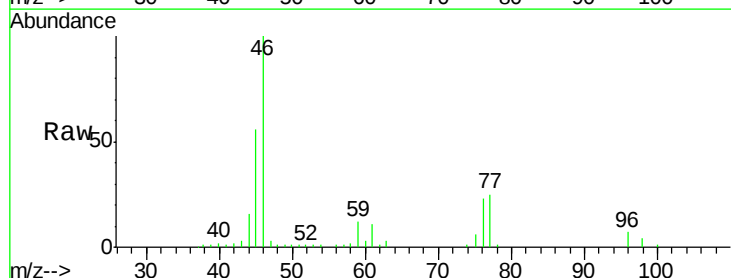
Tgt Ion: 96 Resp: 3359

Ion Ratio Lower Upper

96 100

61 148.4 82.2 152.6

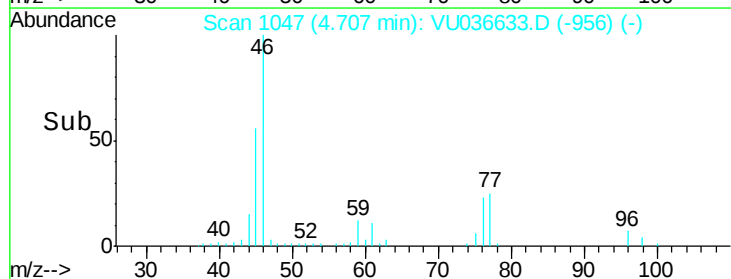
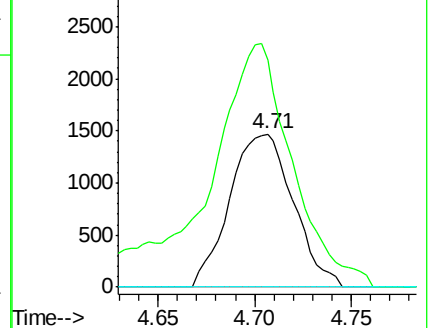
68 0.0 0.0 0.0

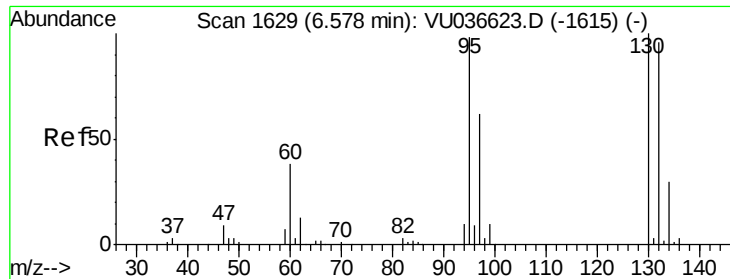


Abundance Ion 96.00 (95.70 to 96.70): VU036633.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU036633.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU036633.D (-956) (-)

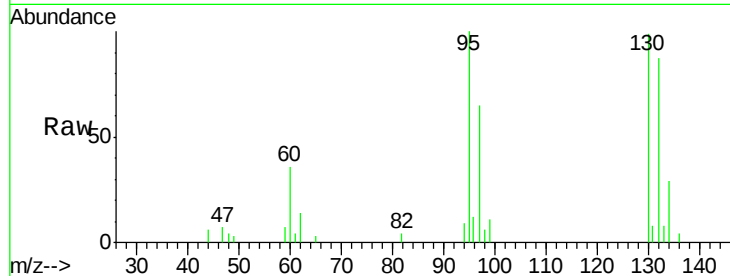




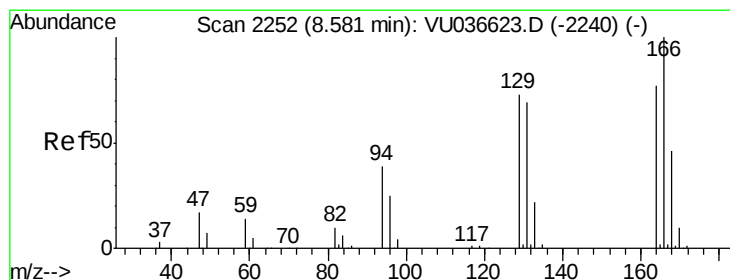
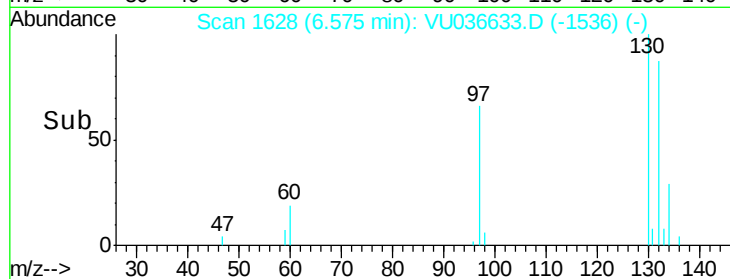
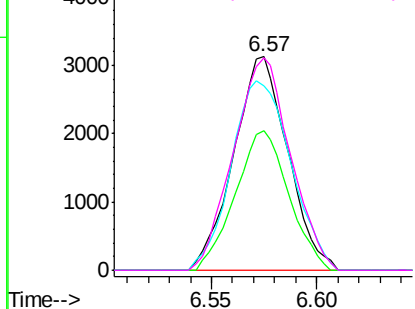
#34
 Trichloroethene
 Concen: 2.664 ug/L
 RT: 6.57 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Instrument :
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 COAF2ME

Tot Ion: 95 Resp: 5572
 Ion Ratio Lower Upper
 95 100
 97 65.1 45.5 84.5
 132 86.6 70.9 131.7
 130 99.3 72.9 135.3

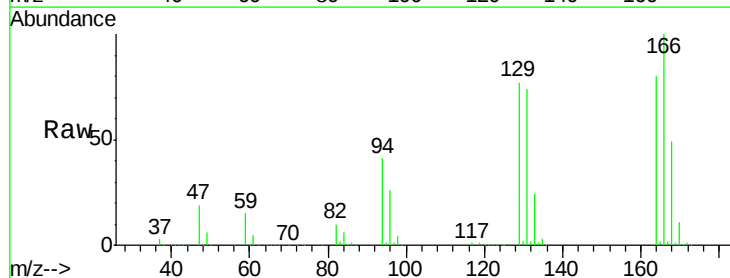


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#46
 Tetrachloroethene
 Concen: 4392.559 ug/L
 RT: 8.59 min Scan# 2255
 Delta R.T. 0.01 min
 Lab File: VU036633.D
 Acq: 30 Jan 2020 21:14

Tgt Ion: 164 Resp: 7462752
 Ion Ratio Lower Upper
 164 100
 129 95.9 64.2 119.2
 131 92.2 61.8 114.8
 166 125.1 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

