

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036935.D
 Acq On : 27 Feb 2020 12:01
 Operator : JC/MD
 Sample : L1687-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS4

Quant Time: Feb 27 22:25:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 27 22:00:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	204240	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	197182	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	70484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	75014	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.48%
7) Chloroethane-d5	1.93	69	70090	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.78%
11) 1,1-Dichloroethene-d2	2.59	63	99471	34.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.26%
21) 2-Butanone-d5	4.67	46	132082	114.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.81%
24) Chloroform-d	5.11	84	132293	50.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.02%
26) 1,2-Dichloroethane-d4	5.74	65	92551	52.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.44%
32) Benzene-d6	5.76	84	287594	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.73	67	95722	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.64%
41) Toluene-d8	7.92	98	253853	47.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.98%
43) trans-1,3-Dichloropropene-	8.20	79	39858	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.86%
47) 2-Hexanone-d5	8.66	63	93964	104.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.03%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	134415	51.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.22%
64) 1,2-Dichlorobenzene-d4	12.21	152	75159	54.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.10%

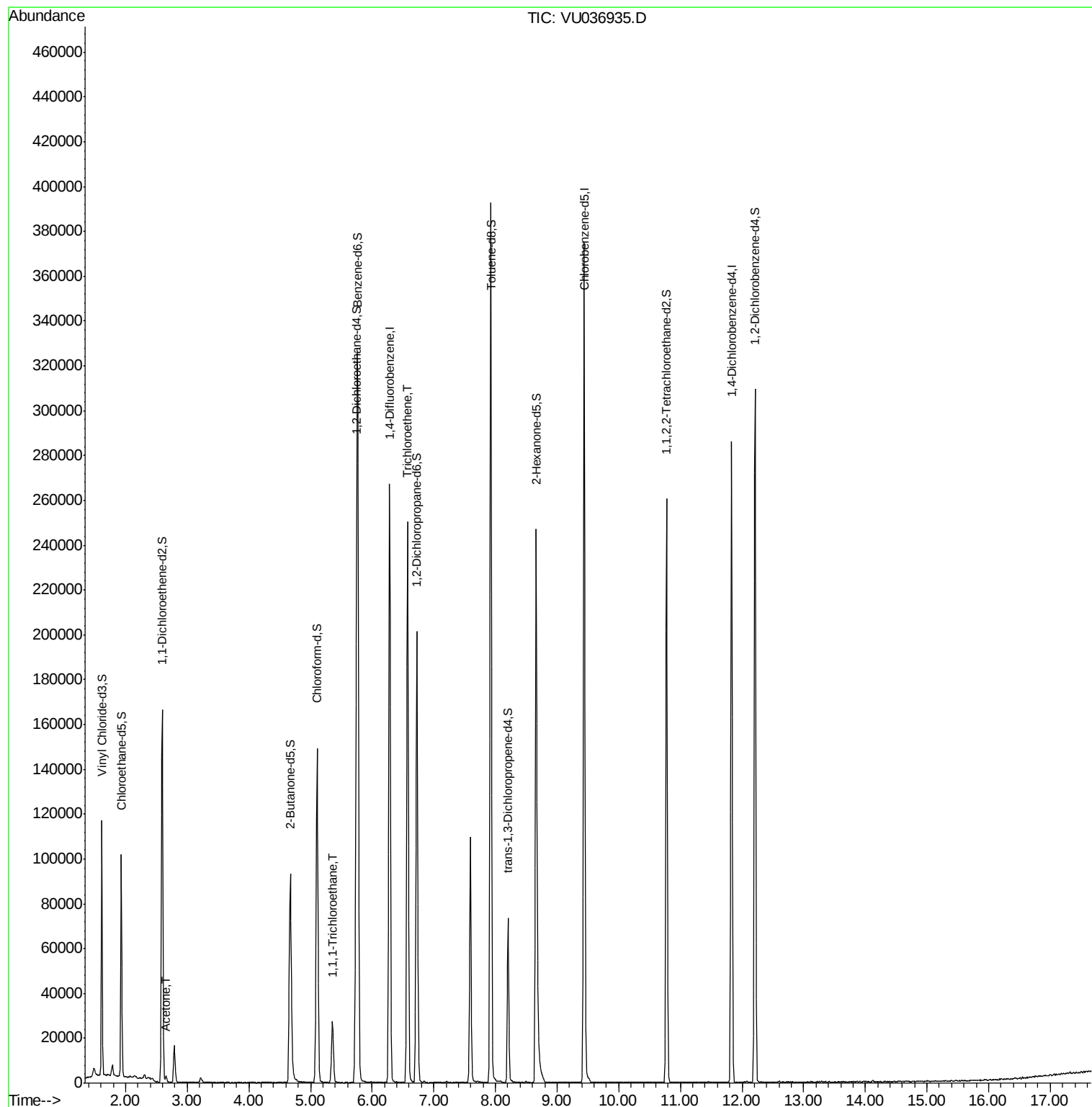
Target Compounds					Ovalue
13) Acetone	2.65	43	3142	2.655 ug/L	96
30) 1,1,1-Trichloroethane	5.36	97	19006	8.990 ug/L	96
34) Trichloroethene	6.57	95	84988	55.509 ug/L	99

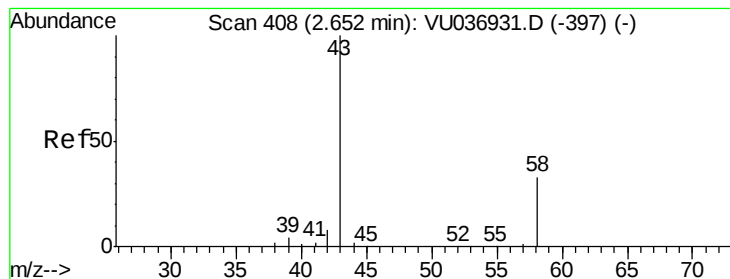
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.655 ug/L

RT: 2.65 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

Instrument :

MSVOA_U

ClientSampled :

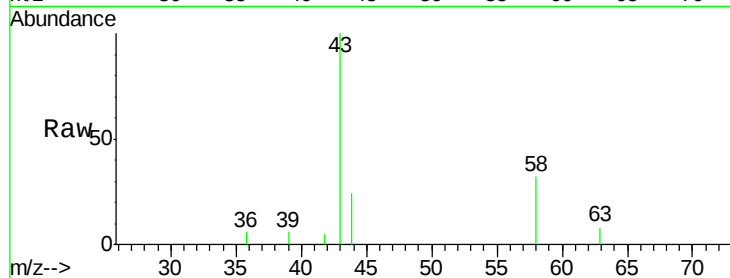
C0AS4

Tot Ion: 43 Resp: 3142

Ion Ratio Lower Upper

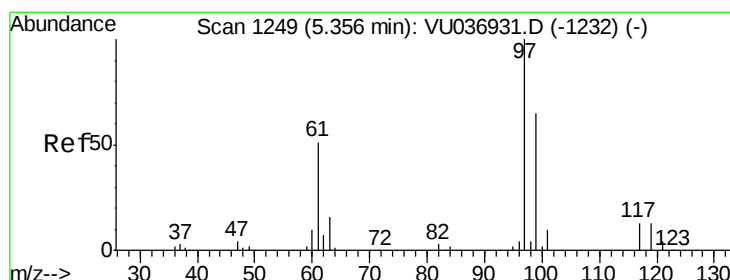
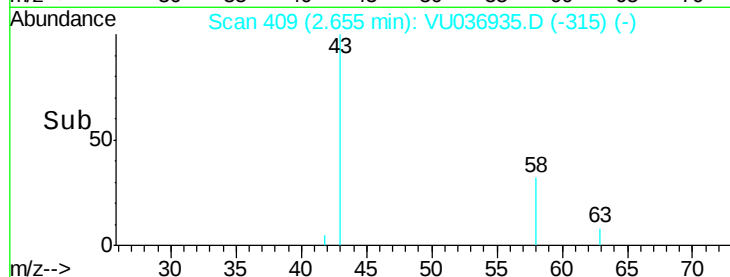
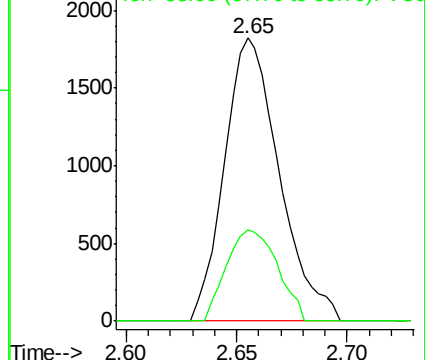
43 100

58 29.9 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036935.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VU036935.D (-315) (-)



#30

1,1,1-Trichloroethane

Concen: 8.990 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

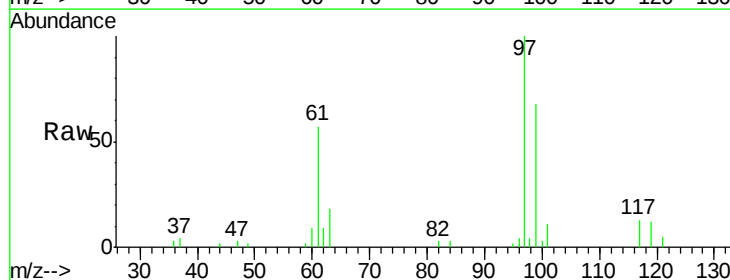
Tgt Ion: 97 Resp: 19006

Ion Ratio Lower Upper

97 100

99 65.5 50.4 75.6

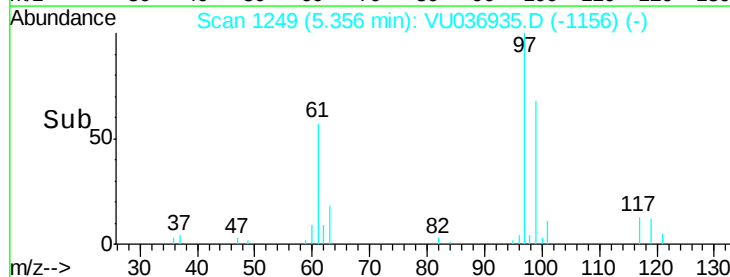
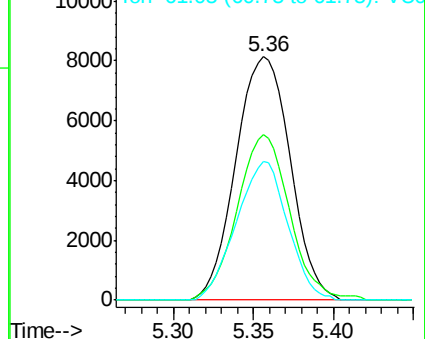
61 53.7 40.3 60.5

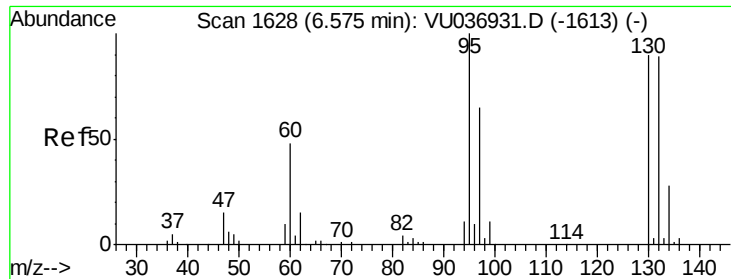


Abundance Ion 97.00 (96.70 to 97.70): VU036935.D (-1156) (-)

Ion 99.00 (98.70 to 99.70): VU036935.D (-1156) (-)

Ion 61.05 (60.75 to 61.75): VU036935.D (-1156) (-)





#34

Trichloroethene

Concen: 55.509 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036935.D

Acq: 27 Feb 2020 12:01

Instrument :

MSVOA_U

ClientSampleId :

C0AS4

Tot Ion: 95 Resp: 84988

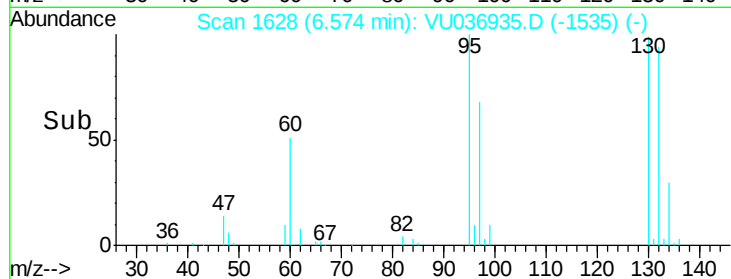
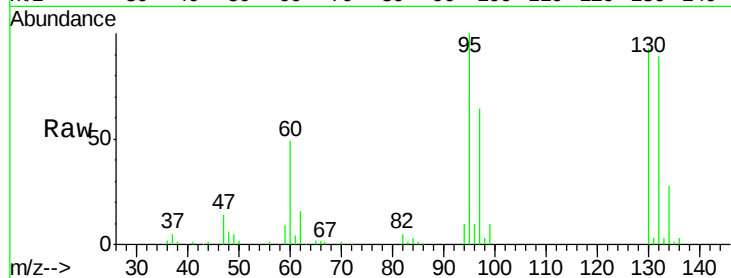
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 88.8 60.6 112.6

130 92.7 64.9 120.5



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

