

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022720\
 Data File : VU036943.D
 Acq On : 27 Feb 2020 15:03
 Operator : JC/MD
 Sample : L1687-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AS5

Quant Time: Feb 27 23:06:06 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	271491	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	256862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	97527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	78699	34.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.04%
7) Chloroethane-d5	1.93	69	73793	39.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.24%
11) 1,1-Dichloroethene-d2	2.59	63	106096	27.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.58%#
21) 2-Butanone-d5	4.67	46	142765	93.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.35%
24) Chloroform-d	5.11	84	144752	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	5.74	65	100050	42.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.92%
32) Benzene-d6	5.76	84	312766	42.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.22%
36) 1,2-Dichloropropane-d6	6.72	67	103416	42.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.94%
41) Toluene-d8	7.92	98	279994	40.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.26%
43) trans-1,3-Dichloropropene-	8.20	79	43514	38.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.82%
47) 2-Hexanone-d5	8.66	63	104227	88.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	147182	43.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	85587	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%

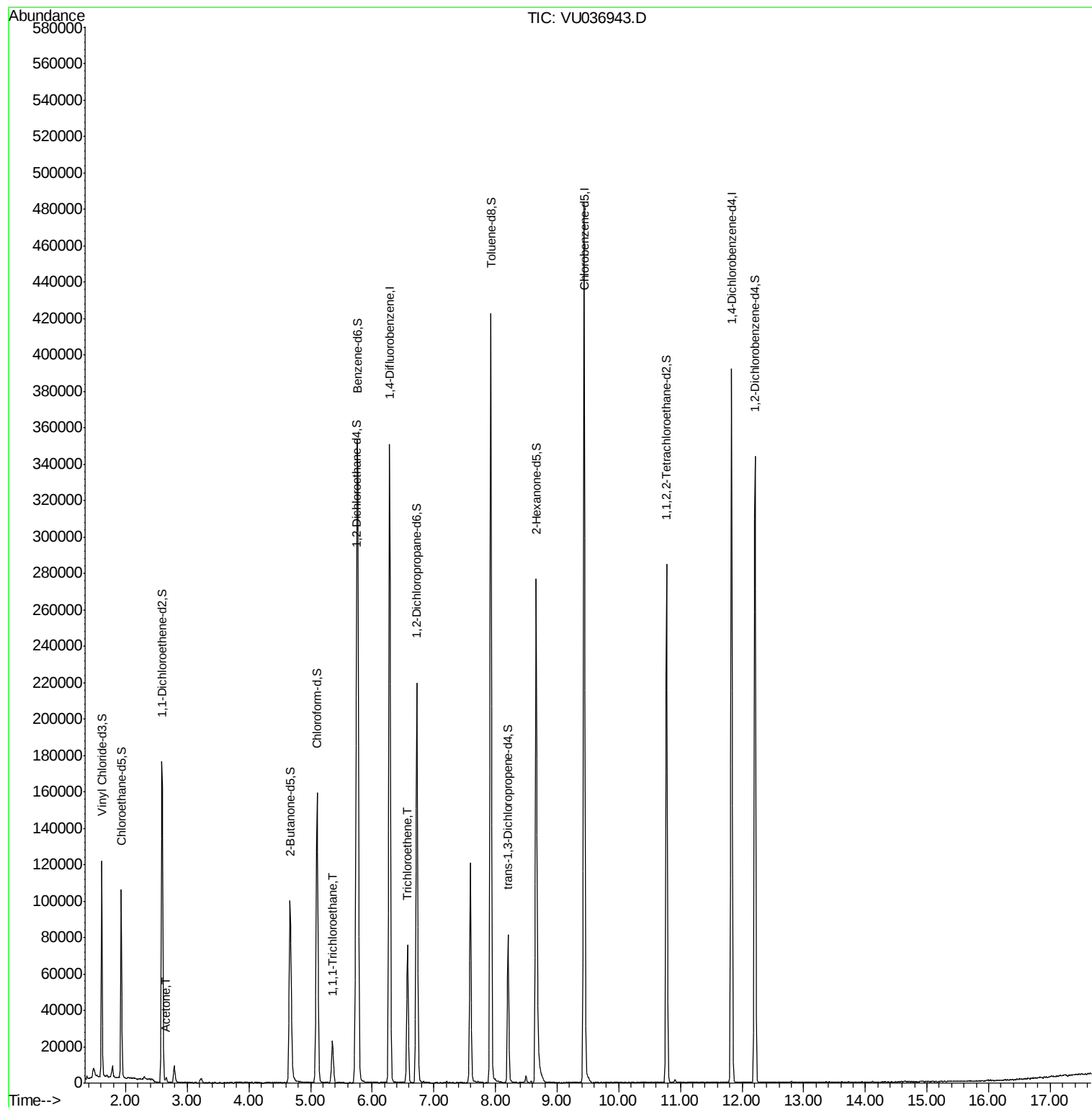
Target Compounds					Ovalue
13) Acetone	2.66	43	3127	1.988 ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	15231	5.531 ug/L	95
34) Trichloroethene	6.57	95	25727	12.899 ug/L	97

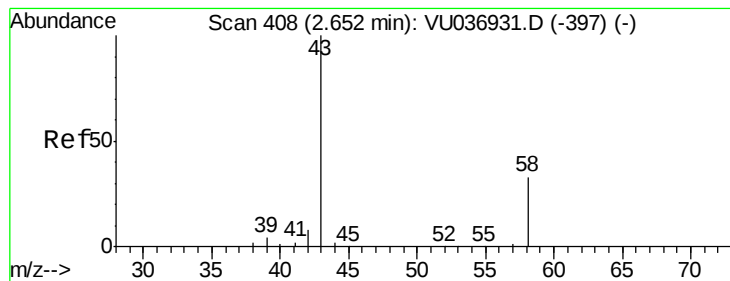
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.988 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU036943.D

Acq: 27 Feb 2020 15:03

Instrument :

MSVOA_U

ClientSampleId :

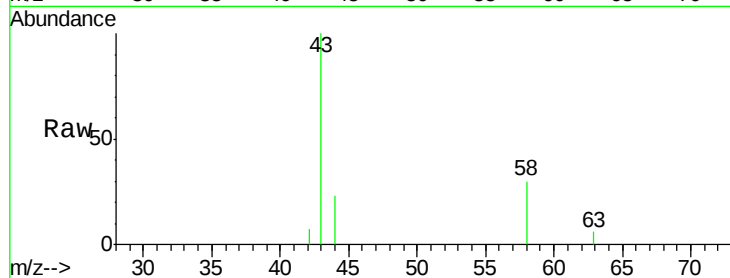
C0AS5

Tot Ion: 43 Resp: 3127

Ion Ratio Lower Upper

43 100

58 31.8 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VU036943.D (-411) (-)

Ion 58.00 (57.70 to 58.70): VU036943.D (-411) (-)

2.66

2000

1500

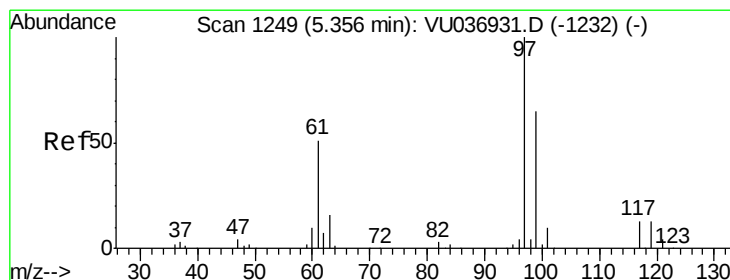
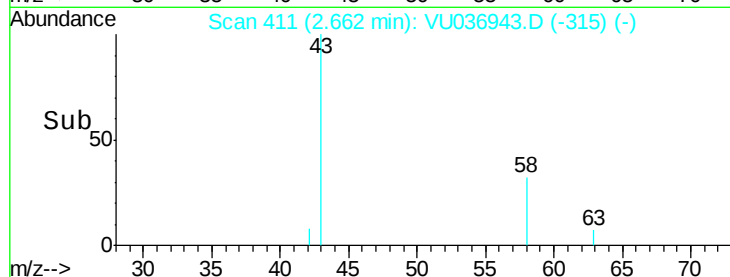
1000

500

0

Time-->

2.60 2.65 2.70



#30

1,1,1-Trichloroethane

Concen: 5.531 ug/L

RT: 5.36 min Scan# 1249

Delta R.T. -0.00 min

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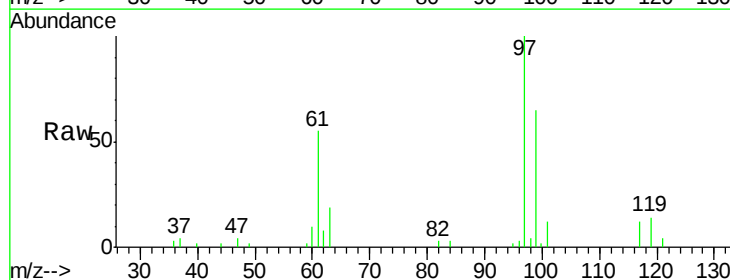
Tgt Ion: 97 Resp: 15231

Ion Ratio Lower Upper

97 100

99 67.1 50.4 75.6

61 53.8 40.3 60.5



Abundance Ion 97.00 (96.70 to 97.70): VU036943.D (-1249) (-)

Ion 99.00 (98.70 to 99.70): VU036943.D (-1249) (-)

Ion 61.05 (60.75 to 61.75): VU036943.D (-1249) (-)

5.36

8000

6000

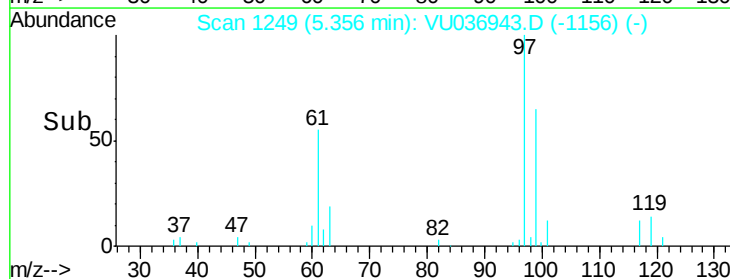
4000

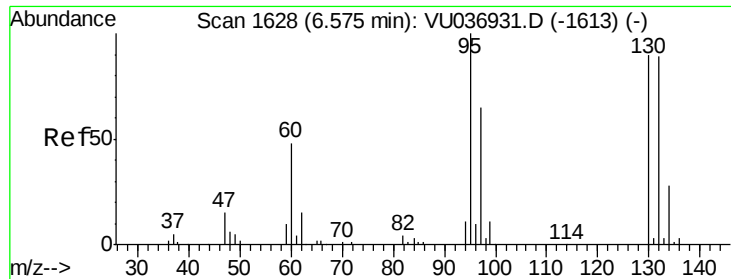
2000

0

Time-->

5.30 5.35 5.40





#34

Trichloroethene

Concen: 12.899 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

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C0AS5

Tot Ion: 95 Resp: 25727

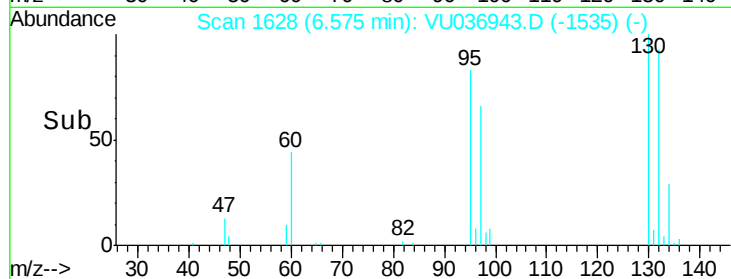
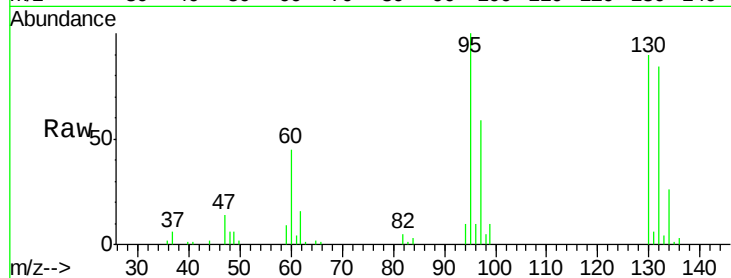
Ion Ratio Lower Upper

95 100

97 59.3 44.1 81.9

132 83.8 60.6 112.6

130 90.3 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

