

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122319\
 Data File : VU036325.D
 Acq On : 23 Dec 2019 14:50
 Operator : JC/MD
 Sample : K6286-14DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDZ0DL

Quant Time: Dec 24 02:40:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 00:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	294948	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	318322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	133387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	118649	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.93	69	103892	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.59	63	123511	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.68	46	178668	36.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.44%
24) Chloroform-d	5.11	84	163846	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.75	65	86646	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.77	84	319235	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
36) 1,2-Dichloropropane-d6	6.73	67	100602	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.93	98	270523	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.80%
43) trans-1,3-Dichloropropene-	8.21	79	36961	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.67	63	138447	34.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	82633	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	105140	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

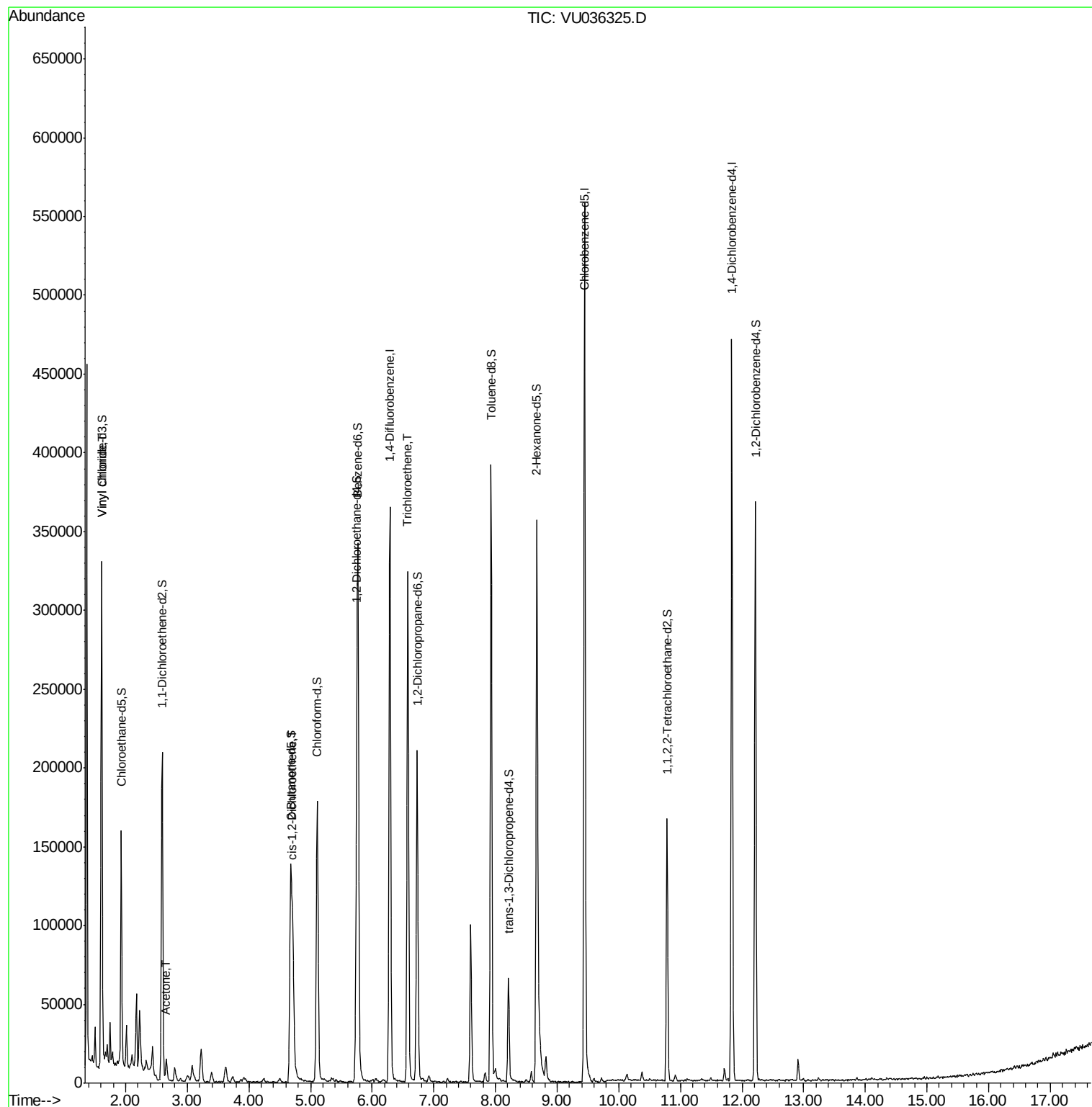
					Ovalue
5) Vinyl chloride	1.62	62	3412	0.087 ug/L #	11
13) Acetone	2.66	43	13138	3.098 ug/L	93
22) cis-1,2-Dichloroethene	4.71	96	43434	1.767 ug/L	97
34) Trichloroethene	6.58	95	110527	4.382 ug/L	98

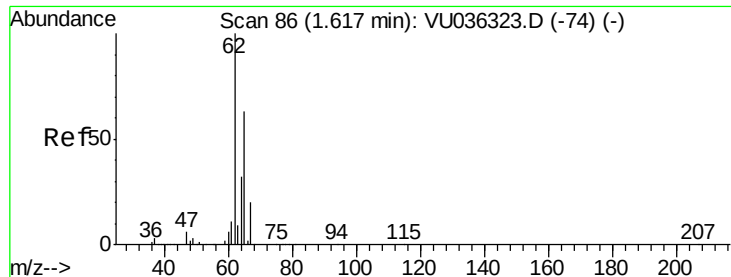
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.087 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

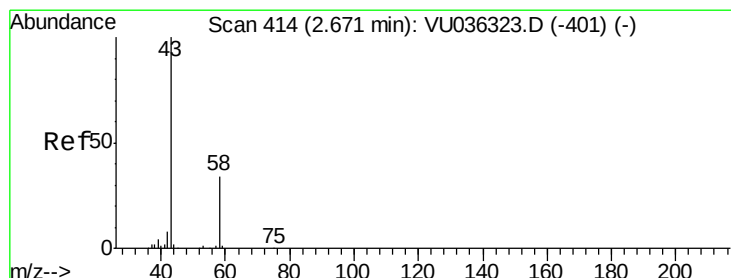
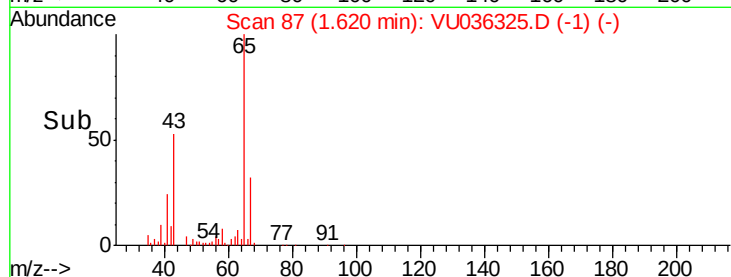
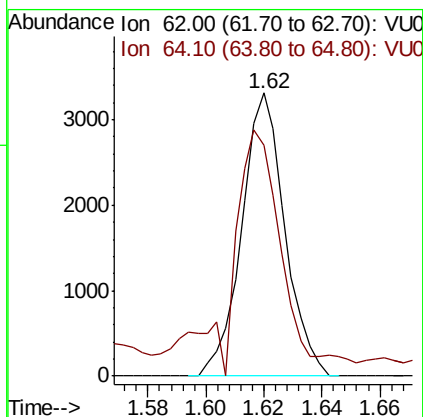
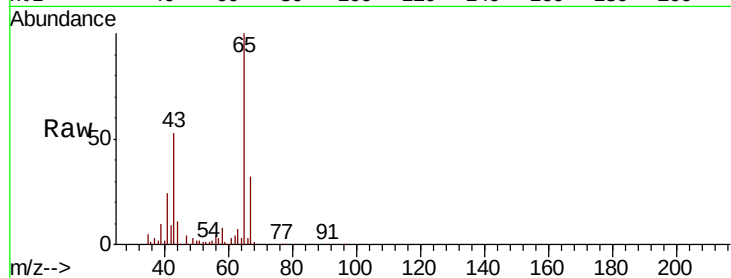
BFDZ0DL

Tot Ion: 62 Resp: 3412

Ion Ratio Lower Upper

62 100

64 81.5 22.4 41.6#



#13

Acetone

Concen: 3.098 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

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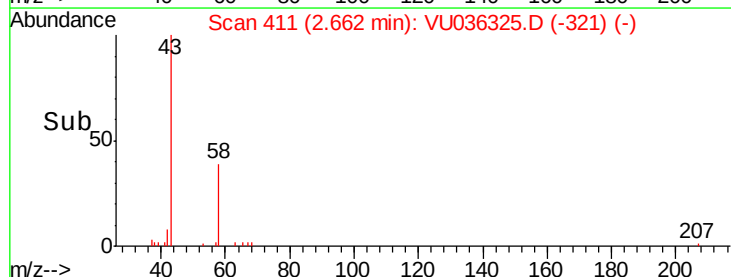
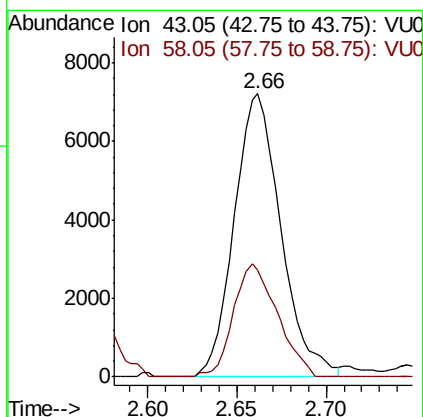
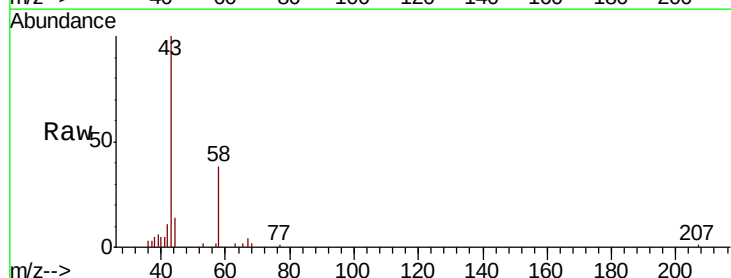
Acq: 23 Dec 2019 14:50

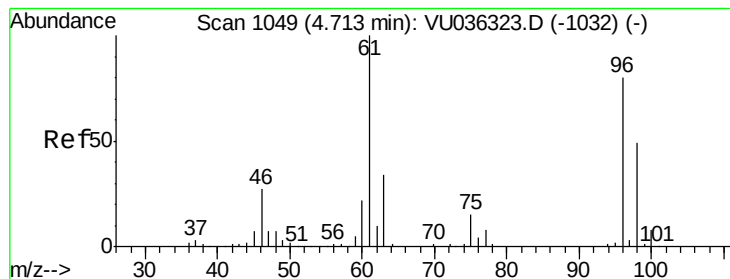
Tgt Ion: 43 Resp: 13138

Ion Ratio Lower Upper

43 100

58 37.5 0.0 67.6





#22

cis-1,2-Dichloroethene

Concen: 1.767 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BFDZ0DL

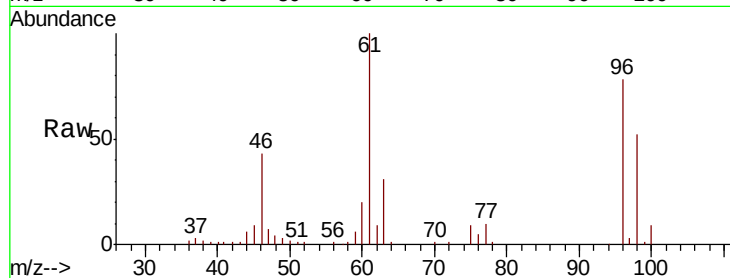
Tot Ion: 96 Resp: 43434

Ion Ratio Lower Upper

96 100

61 127.7 86.7 161.1

68 0.0 0.0 0.0

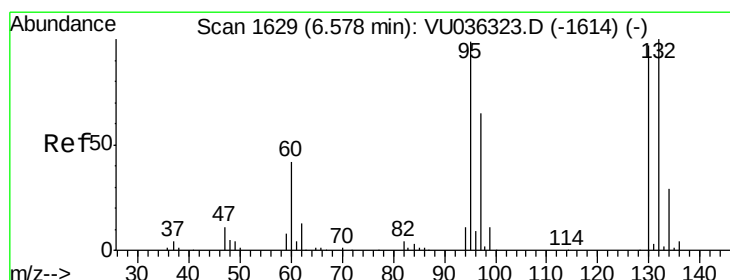
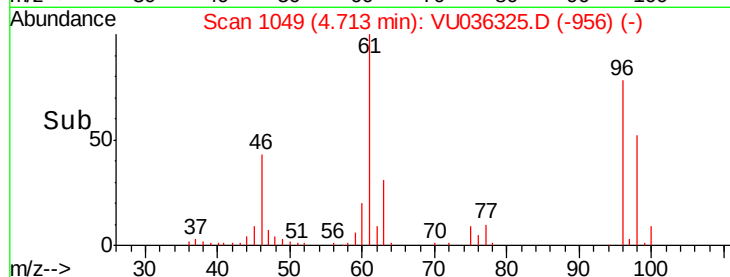
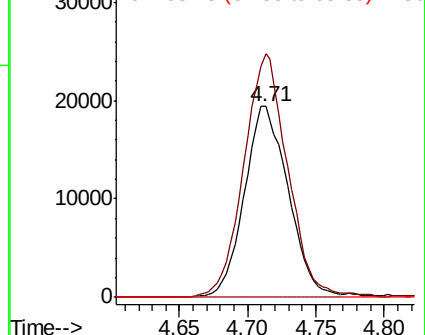


Abundance

Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 4.382 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

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Acq: 23 Dec 2019 14:50

Tgt Ion: 95 Resp: 110527

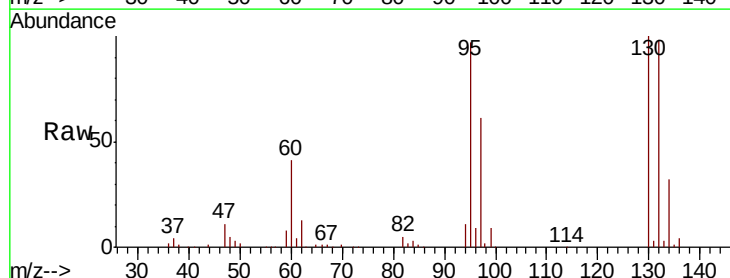
Ion Ratio Lower Upper

95 100

97 63.3 43.6 81.0

132 100.8 69.6 129.2

130 103.1 70.3 130.7



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

