

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121919\
 Data File : VU036303.D
 Acq On : 19 Dec 2019 23:42
 Operator : JC/MD
 Sample : K6282-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDX6

Quant Time: Dec 20 06:20:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 20 05:33:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213680	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250603	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	98602	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	107249	5.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.00%
7) Chloroethane-d5	1.93	69	99039	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.40%
11) 1,1-Dichloroethene-d2	2.59	63	108561	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.00%
20) 2-Butanone-d5	4.69	46	187527	53.19	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	5.11	84	159298	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.75	65	85658	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.77	84	278618	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.73	67	91295	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.93	98	215410	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
43) trans-1,3-Dichloropropene-	8.21	79	33597	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.68	63	142737	45.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86816	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	88317	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

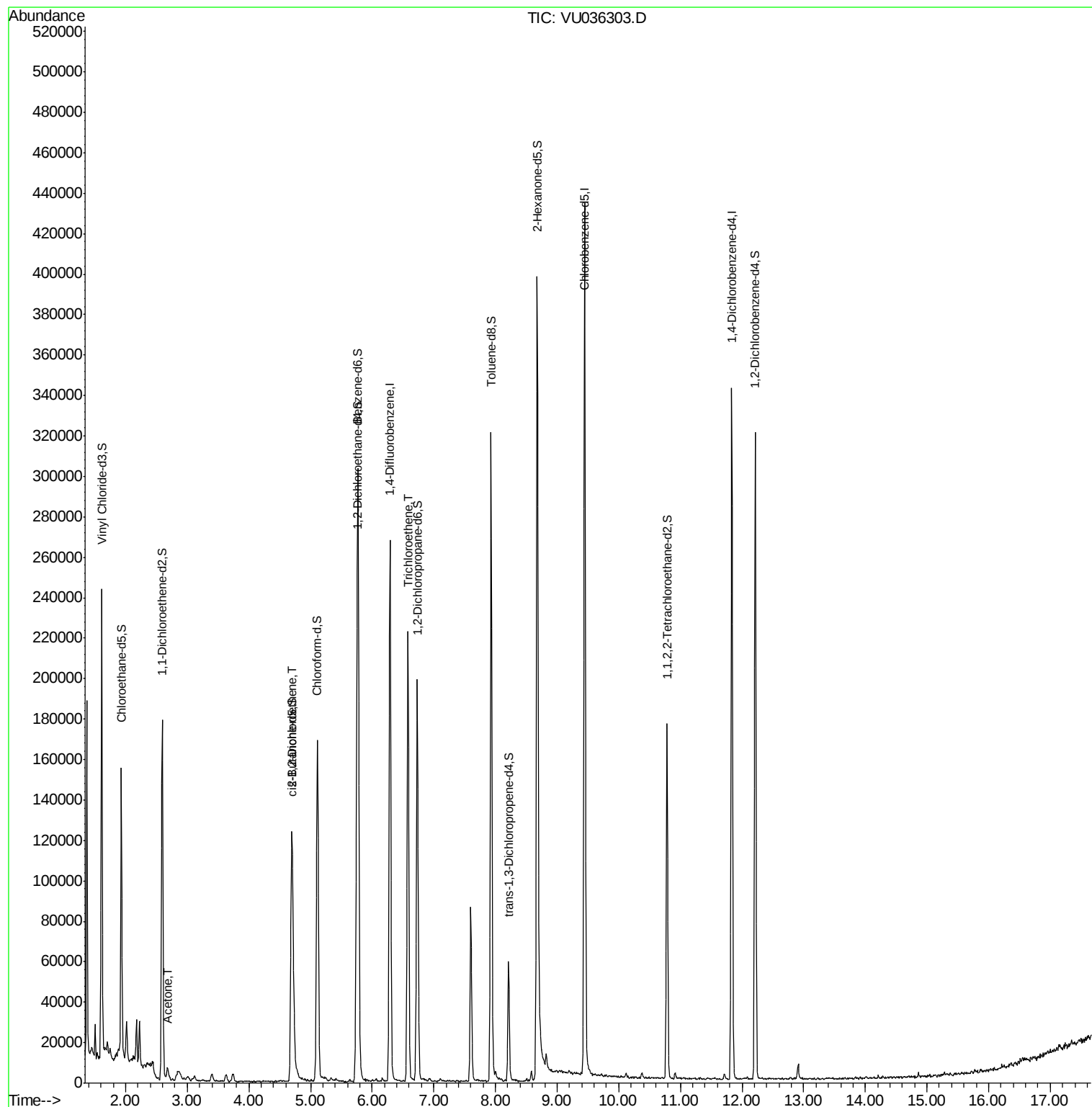
Target Compounds					Ovalue
13) Acetone	2.68	43	8494	2.765 ug/L	94
22) cis-1,2-Dichloroethene	4.71	96	10639	0.597 ug/L	87
34) Trichloroethene	6.58	95	74789	3.767 ug/L	97

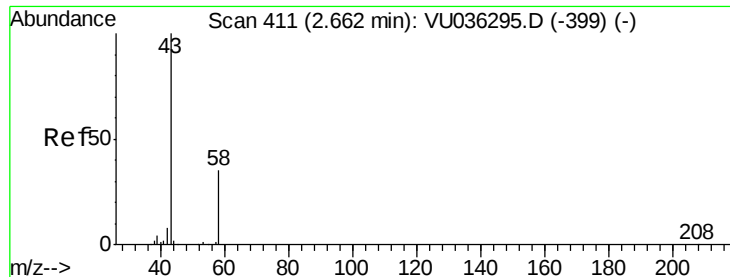
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.765 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.02 min

Lab File: VU036303.D

Acq: 19 Dec 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

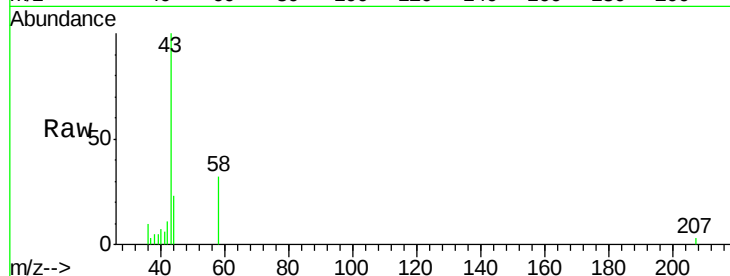
BFDX6

Tot Ion: 43 Resp: 8494

Ion Ratio Lower Upper

43 100

58 30.6 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036295.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU036295.D (-399) (-)

2.68

4000

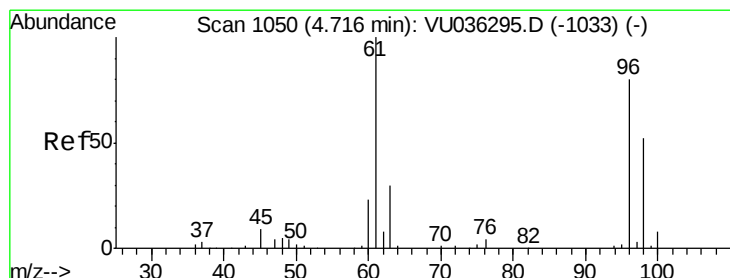
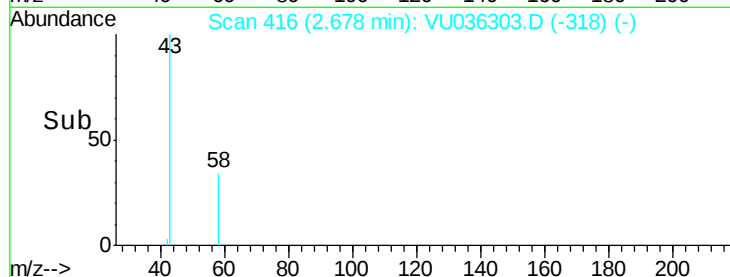
3000

2000

1000

0

Time--> 2.60 2.65 2.70



#22

cis-1,2-Dichloroethene

Concen: 0.597 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU036303.D

Acq: 19 Dec 2019 23:42

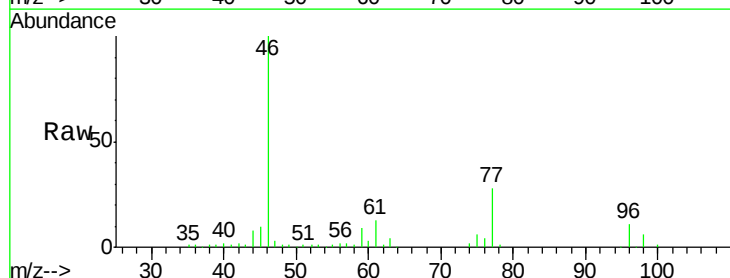
Tgt Ion: 96 Resp: 10639

Ion Ratio Lower Upper

96 100

61 109.7 86.7 161.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036295.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU036295.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU036295.D (-1033) (-)

4.71

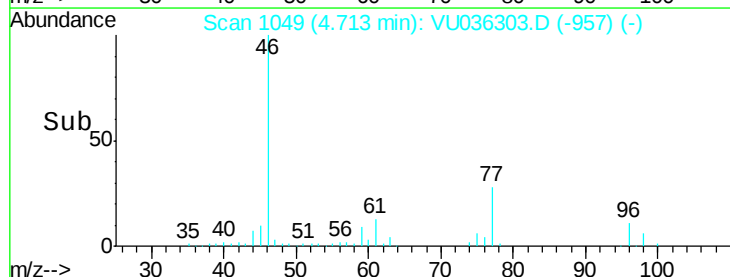
6000

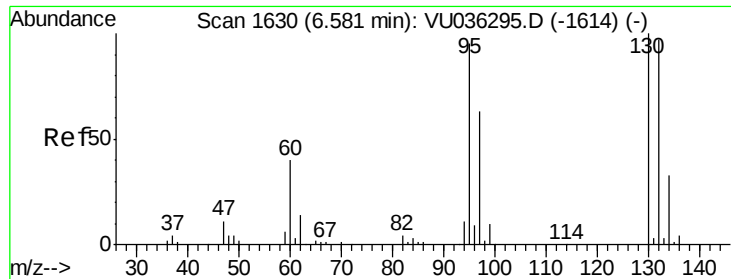
4000

2000

0

Time--> 4.65 4.70 4.75 4.80





#34

Trichloroethene

Concen: 3.767 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BFDX6

Tot Ion: 95 Resp: 74789

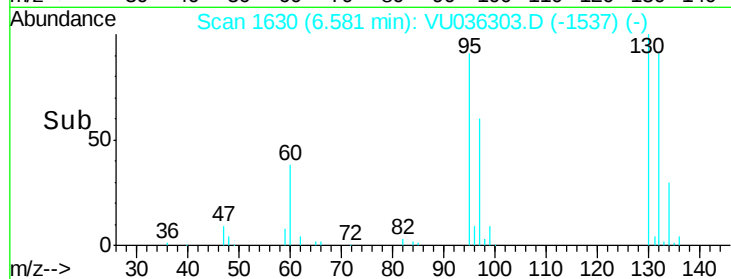
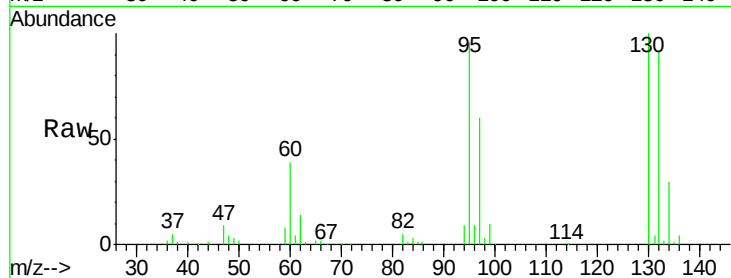
Ion Ratio Lower Upper

95 100

97 62.5 43.6 81.0

132 94.8 69.6 129.2

130 103.7 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

