

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
 Data File : VU034396.D
 Acq On : 07 Sep 2019 22:15
 Operator : JC/SP
 Sample : K4685-02DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD71DL

Quant Time: Sep 09 05:49:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Sep 08 03:44:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	275623	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	275778	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	127567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70831	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.68	69	67629	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.26	63	106269	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.17	46	209369	48.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.64%
24) Chloroform-d	4.62	84	160418	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.29	65	78780	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.32	84	331197	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	108162	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.55	98	287622	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.83	79	33115	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.30	63	158283	45.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.98%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	84642	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.84	152	118582	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

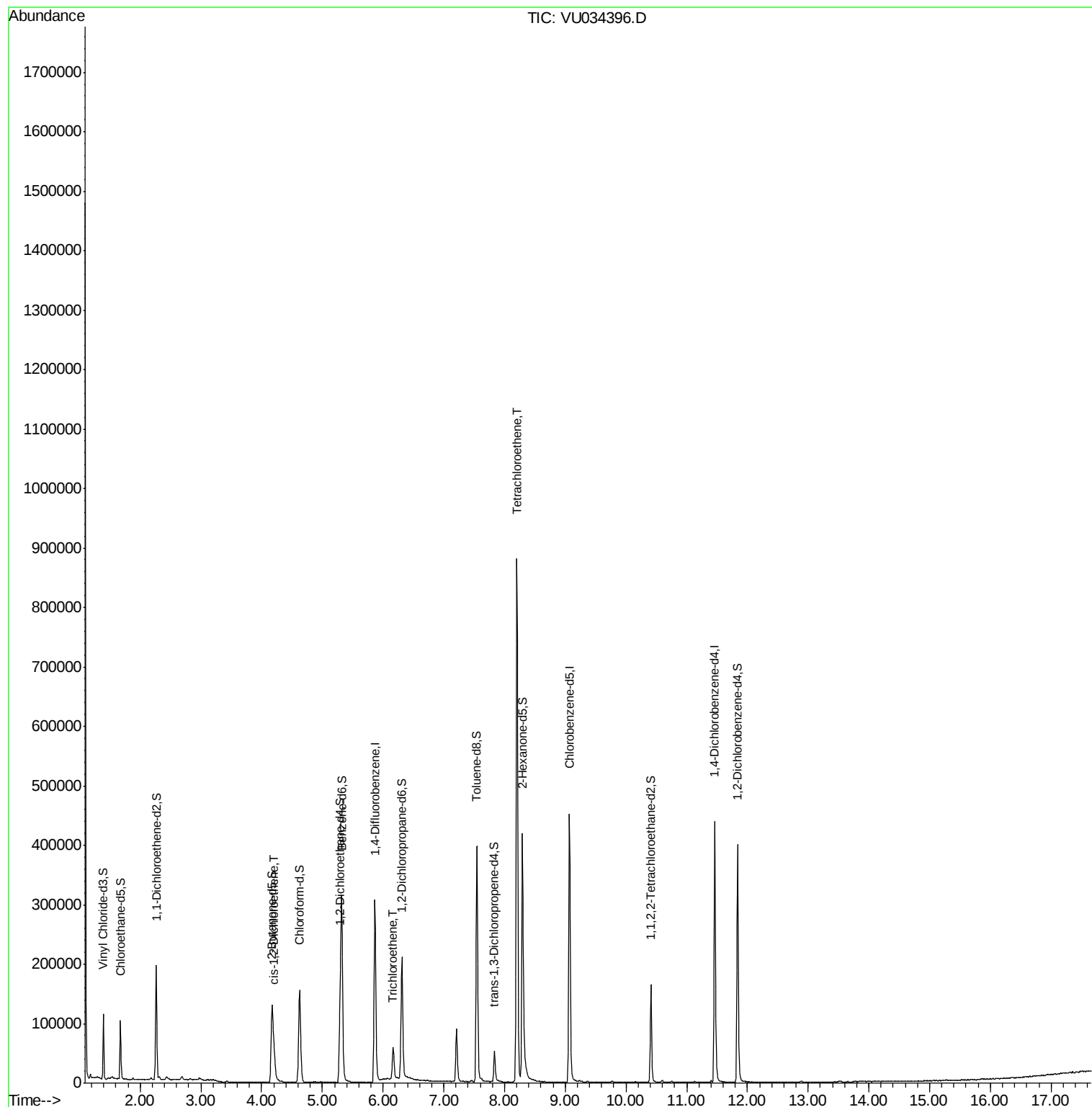
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	4.20	96	20334	0.975 ug/L	90
34) Trichloroethene	6.17	95	19447	0.905 ug/L	92
47) Tetrachloroethene	8.21	164	215169	12.178 ug/L	95

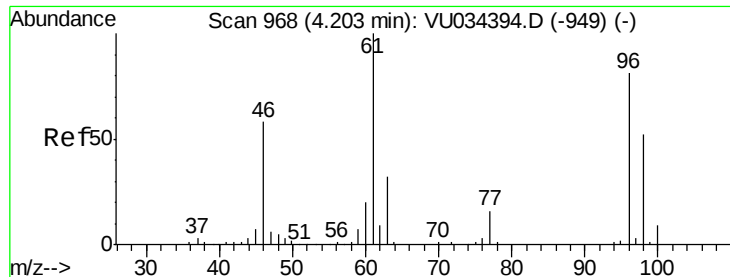
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.975 ug/L

RT: 4.20 min Scan# 968

Delta R.T. -0.00 min

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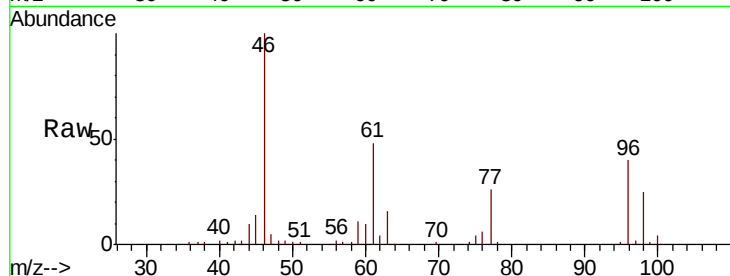
Tgt Ion: 96 Resp: 20334

Ion Ratio Lower Upper

96 100

61 121.6 93.6 173.8

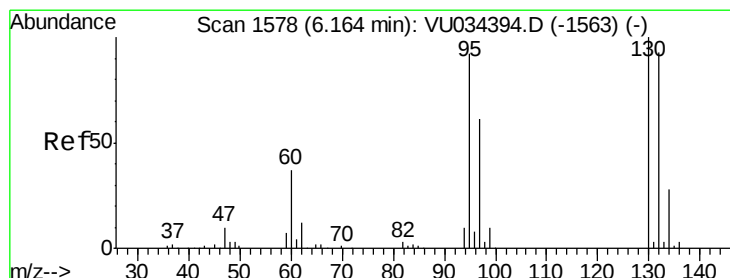
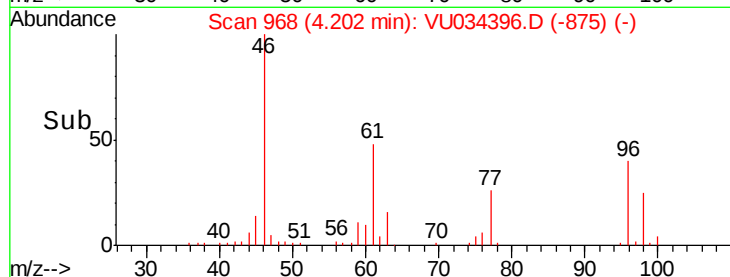
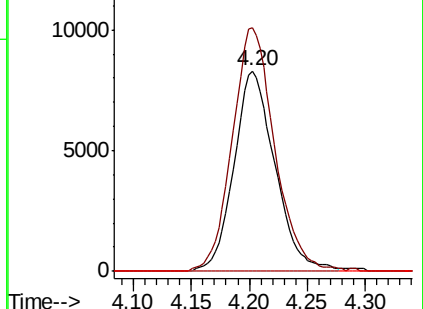
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034396.D (-875) (-)

Ion 61.05 (60.75 to 61.75): VU034396.D (-875) (-)

Ion 68.15 (67.85 to 68.85): VU034396.D (-875) (-)



#34

Trichloroethene

Concen: 0.905 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU034396.D

Acq: 07 Sep 2019 22:15

Tgt Ion: 95 Resp: 19447

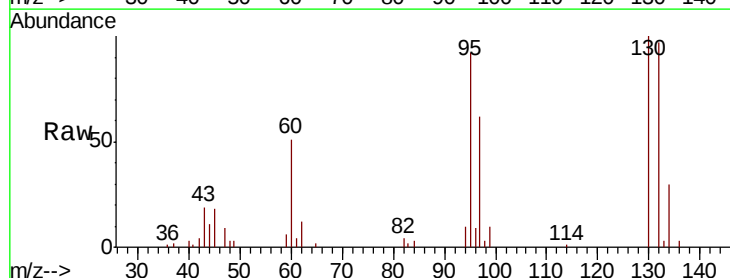
Ion Ratio Lower Upper

95 100

97 67.7 43.3 80.5

132 105.8 68.6 127.4

130 108.7 70.5 130.9

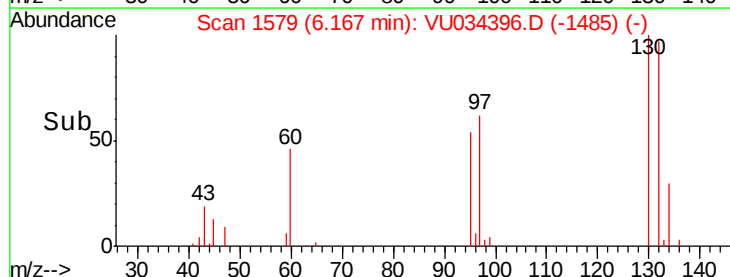
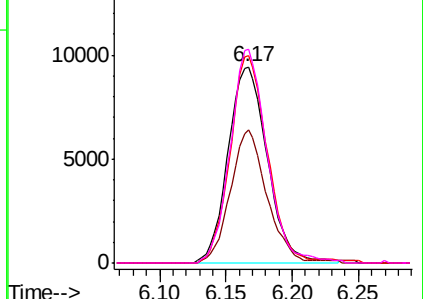


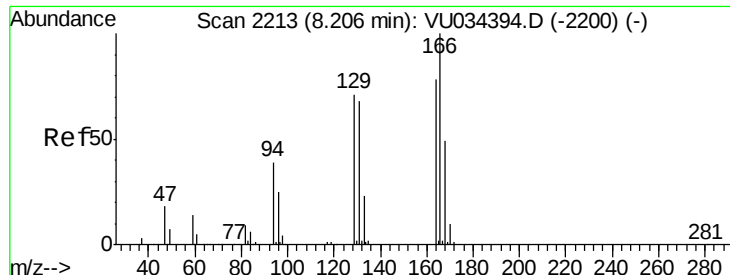
Abundance Ion 95.00 (94.70 to 95.70): VU034396.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU034396.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034396.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034396.D (-1485) (-)





#47

Tetrachloroethene

Concen: 12.178 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034396.D

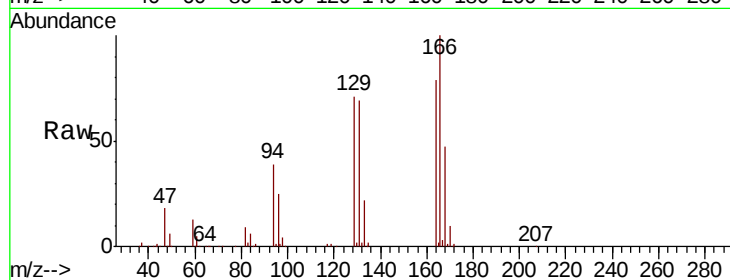
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Tgt Ion:164 Resp: 215169

Ion Ratio Lower Upper

164 100

129 90.5 68.0 126.2

131 87.3 64.6 120.0

166 126.9 92.0 170.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

