

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090819\
 Data File : VU034401.D
 Acq On : 08 Sep 2019 00:16
 Operator : JC/SP
 Sample : K4703-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD91DL

Quant Time: Sep 09 05:57:35 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	282543	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	298821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	134522	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	73390	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.65	69	67564	4.43	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	108670	3.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.00%
20) 2-Butanone-d5	4.17	46	213153	48.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.98%
24) Chloroform-d	4.62	84	161553	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.29	65	79016	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.32	84	332387	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.31	67	109447	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.54	98	286748	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloropropene-	7.83	79	35118	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.30	63	169334	45.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	88893	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	117739	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

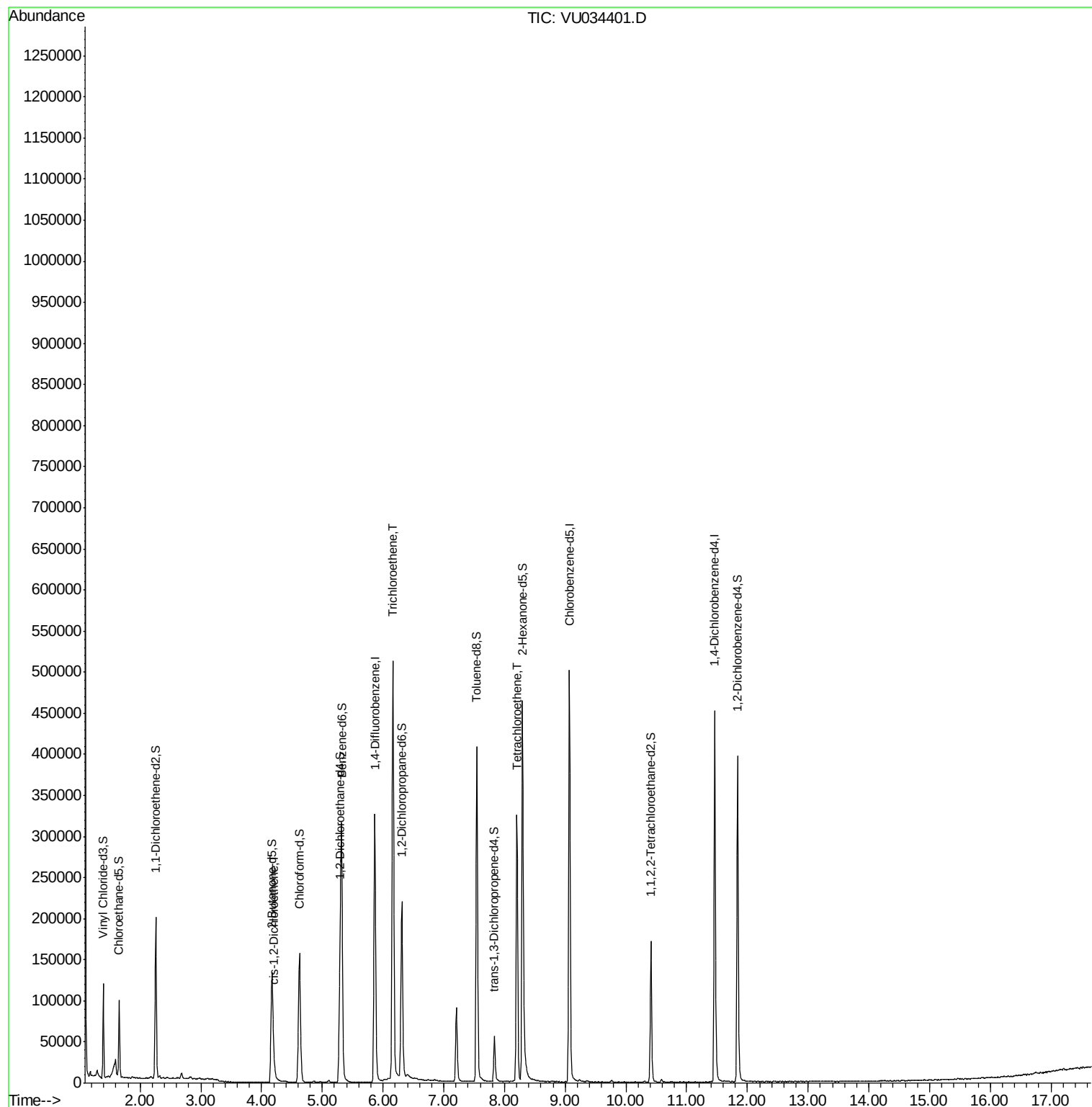
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.20	96	3174	0.149 ug/L	96
34) Trichloroethene	6.16	95	183248	7.867 ug/L	97
47) Tetrachloroethene	8.21	164	80191	4.189 ug/L	95

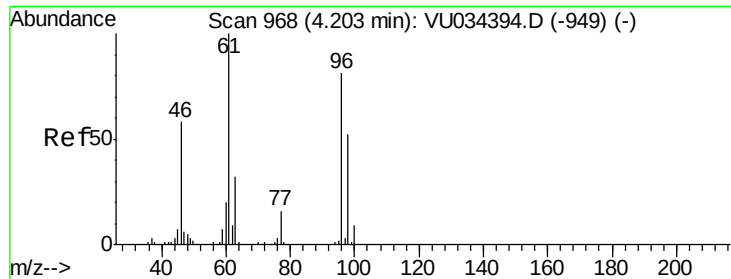
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.149 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.00 min

Lab File: VU034401.D

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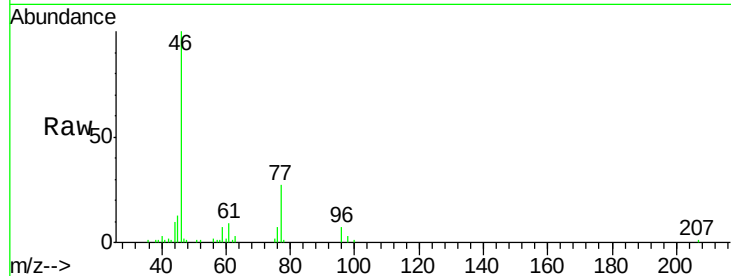
Tot Ion: 96 Resp: 3174

Ion Ratio Lower Upper

96 100

61 138.5 93.6 173.8

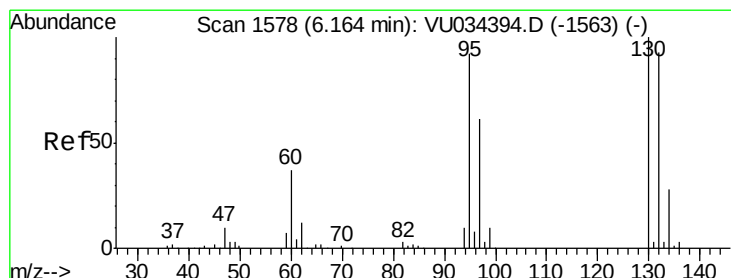
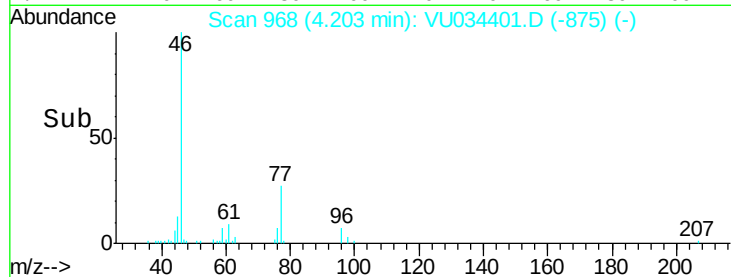
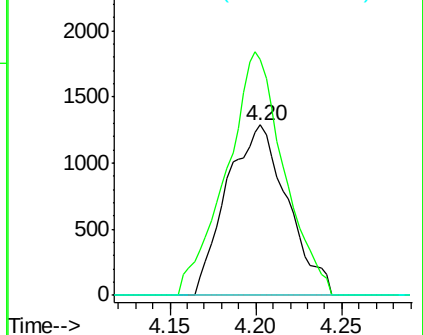
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034401.D (-875) (-)

Ion 61.05 (60.75 to 61.75): VU034401.D (-875) (-)

Ion 68.15 (67.85 to 68.85): VU034401.D (-875) (-)



#34

Trichloroethene

Concen: 7.867 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU034401.D

Acq: 08 Sep 2019 00:16

Tgt Ion: 95 Resp: 183248

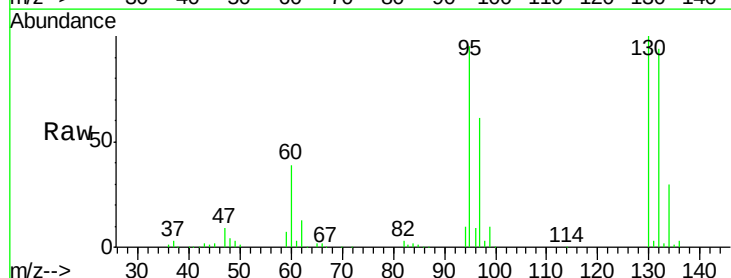
Ion Ratio Lower Upper

95 100

97 65.0 43.3 80.5

132 99.4 68.6 127.4

130 105.8 70.5 130.9

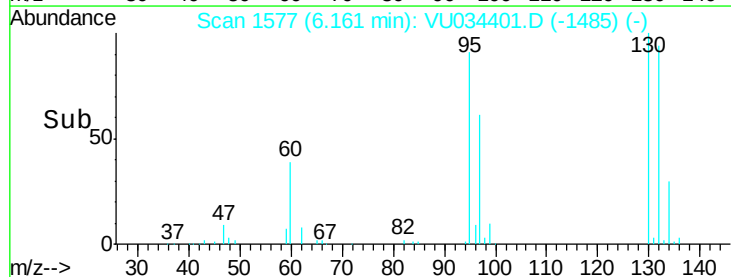
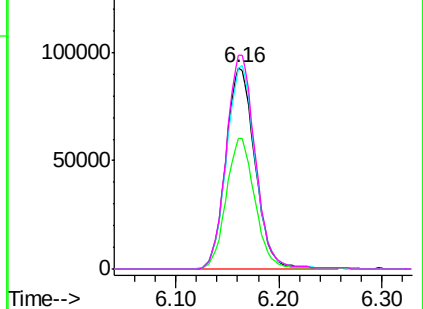


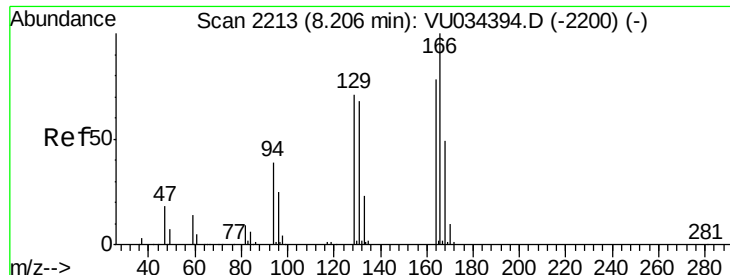
Abundance Ion 95.00 (94.70 to 95.70): VU034401.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU034401.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034401.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034401.D (-1485) (-)





#47

Tetrachloroethene

Concen: 4.189 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034401.D

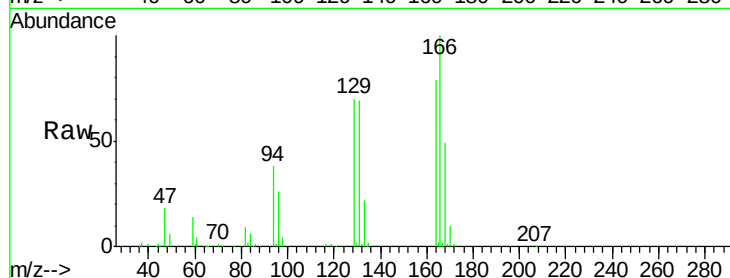
Acq: 08 Sep 2019 00:16

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Tot Ion:164 Resp: 80191

Ion Ratio Lower Upper

164 100

129 89.4 68.0 126.2

131 87.4 64.6 120.0

166 126.8 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

