

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090819\
 Data File : VU034400.D
 Acq On : 07 Sep 2019 23:52
 Operator : JC/SP
 Sample : K4685-09DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD78DL

Quant Time: Sep 09 05:55:33 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	5.86	114	278579	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	286211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	130243	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	72154	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.67	69	67479	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.26	63	111319	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	4.17	46	201527	46.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.00%
24) Chloroform-d	4.63	84	154605	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.29	65	76778	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.32	84	316627	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.31	67	105131	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.55	98	272176	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.83	79	32897	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.30	63	154843	43.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	82154	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	115583	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

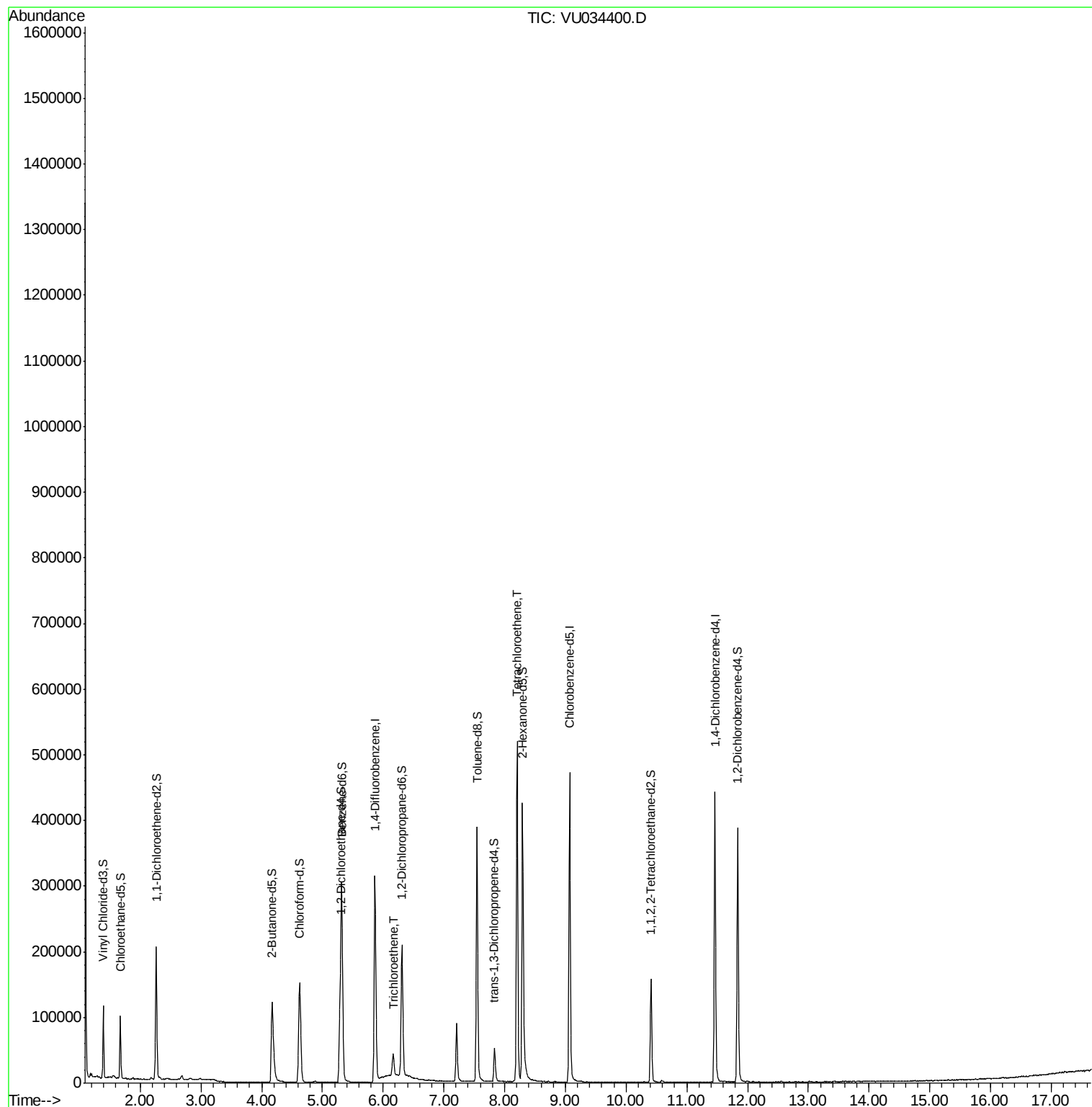
Target Compounds					Qvalue
34) Trichloroethene	6.16	95	12284	0.551 ug/L	95
47) Tetrachloroethene	8.21	164	127465	6.951 ug/L	95

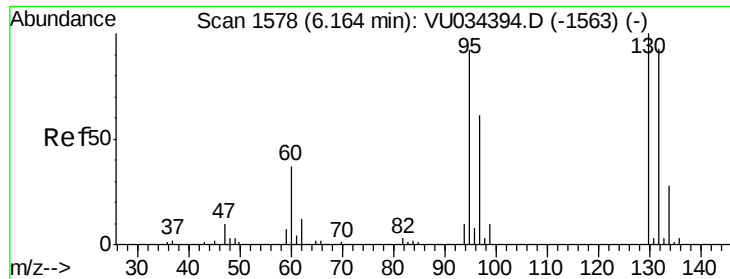
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.551 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU034400.D

Acq: 07 Sep 2019 23:52

Instrument :

MSVOA_U

ClientSampleId :

BFD78DL

Tgt Ion: 95 Resp: 12284

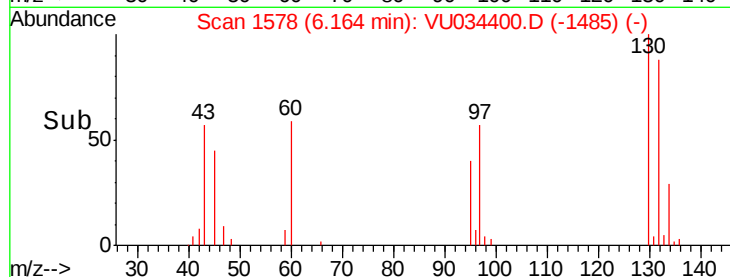
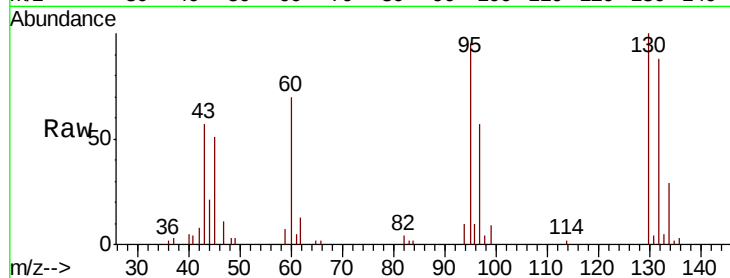
Ion Ratio Lower Upper

95 100

97 59.4 43.3 80.5

132 92.1 68.6 127.4

130 105.1 70.5 130.9



Abundance Ion 95.00 (94.70 to 95.70): VU034400.D (-1485) (-)

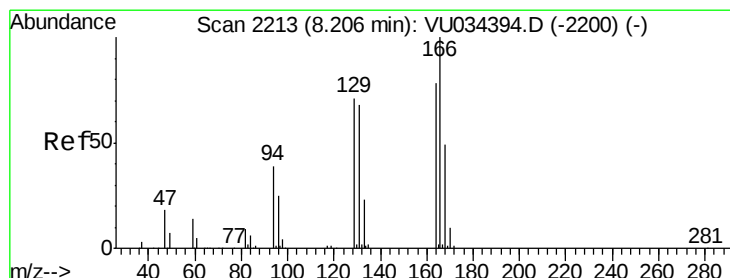
Ion 96.95 (96.65 to 97.65): VU034400.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034400.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034400.D (-1485) (-)

Time-->

6.10 6.15 6.20 6.25



#47

Tetrachloroethene

Concen: 6.951 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034400.D

Acq: 07 Sep 2019 23:52

Tgt Ion: 164 Resp: 127465

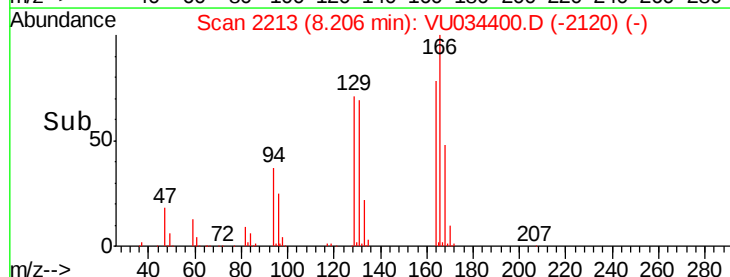
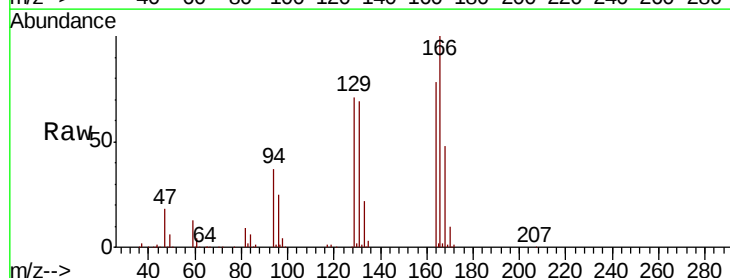
Ion Ratio Lower Upper

164 100

129 90.3 68.0 126.2

131 88.1 64.6 120.0

166 127.9 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): VU034400.D (-2120) (-)

Ion 128.95 (128.65 to 129.65): VU034400.D (-2120) (-)

Ion 130.95 (130.65 to 131.65): VU034400.D (-2120) (-)

Ion 165.90 (165.60 to 166.60): VU034400.D (-2120) (-)

Time-->

8.10 8.20 8.30