

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032029.D
 Acq On : 15 May 2019 14:10
 Operator : JC/SP
 Sample : K2738-08DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB891DL

Quant Time: May 16 09:53:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 16 04:24:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1051441	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1054151	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	415296	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	372399	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.67	69	312204	41.79	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.58%
11) 1,1-Dichloroethene-d2	2.27	63	521451	31.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.06%
21) 2-Butanone-d5	4.17	46	628005	97.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.20%
24) Chloroform-d	4.64	84	666992	43.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.38%
26) 1,2-Dichloroethane-d4	5.30	65	429920	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.40%
32) Benzene-d6	5.33	84	1430493	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.32	67	468124	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.98%
41) Toluene-d8	7.56	98	1215430	44.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.90%
43) trans-1,3-Dichloropropene-	7.85	79	194970	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.78%
47) 2-Hexanone-d5	8.31	63	399651	97.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	663506	44.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	428561	49.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.08%

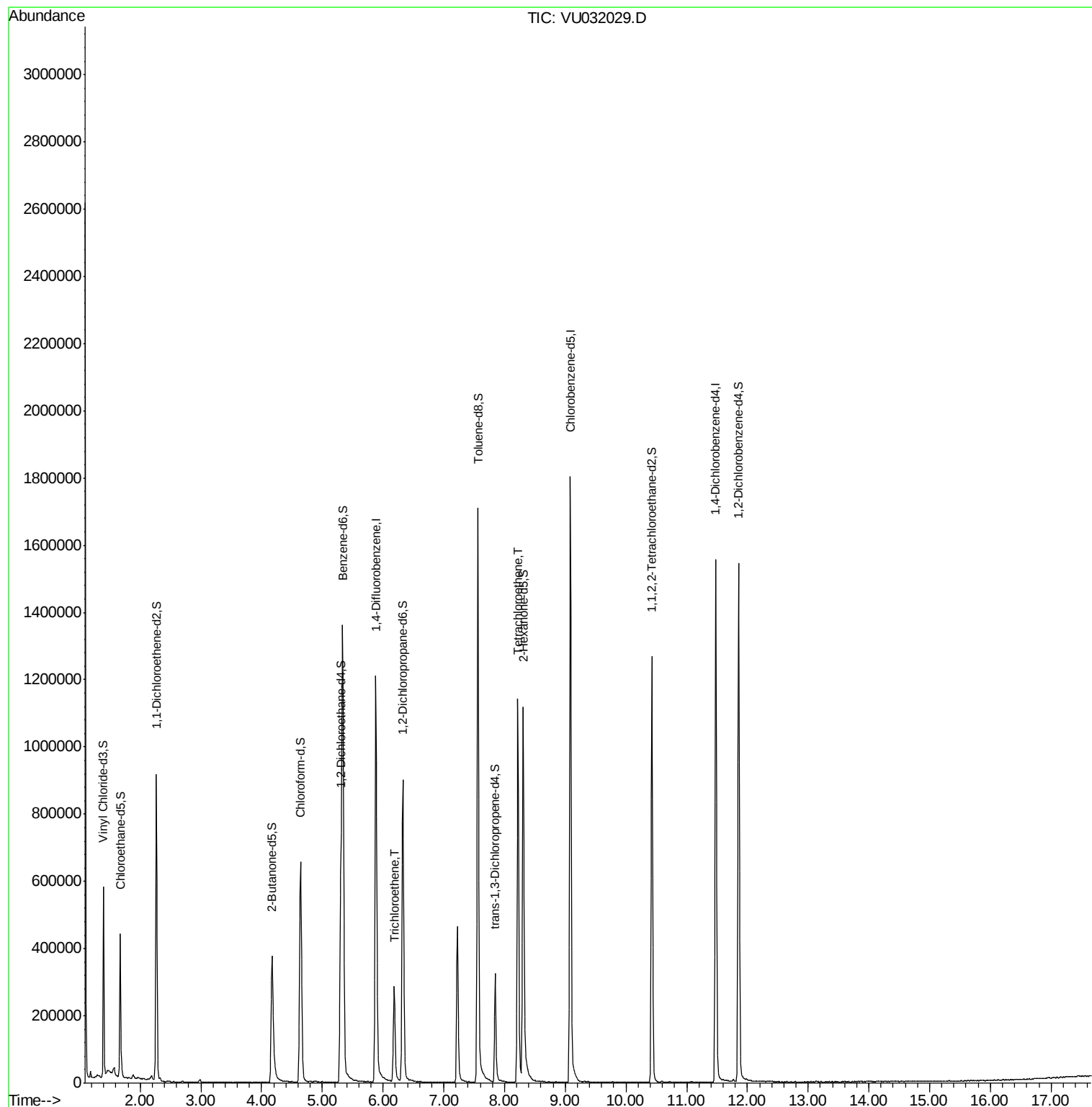
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	105817	12.374 ug/L	94
46) Tetrachloroethene	8.22	164	263595	43.660 ug/L	98

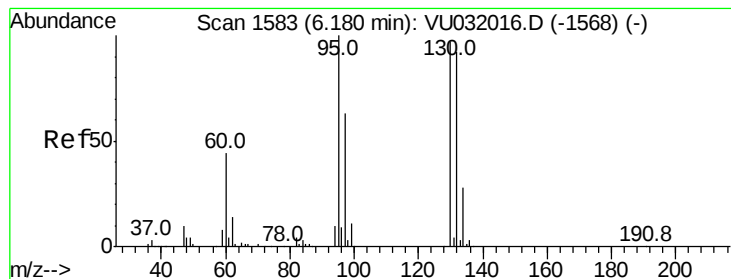
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 12.374 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032029.D

Acq: 15 May 2019 14:10

Instrument :

MSVOA_U

ClientSampleId :

DB891DL

Tot Ion: 95 Resp: 105817

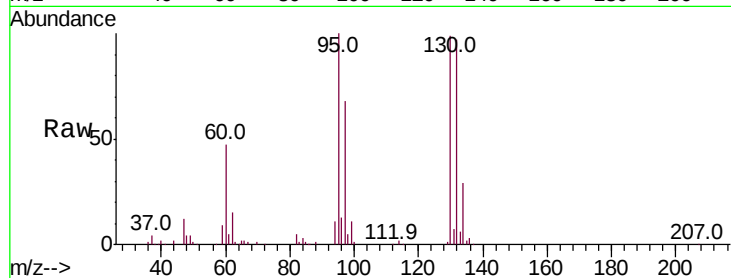
Ion Ratio Lower Upper

95 100

97 68.1 44.9 83.3

132 97.5 63.5 117.9

130 98.9 66.2 123.0

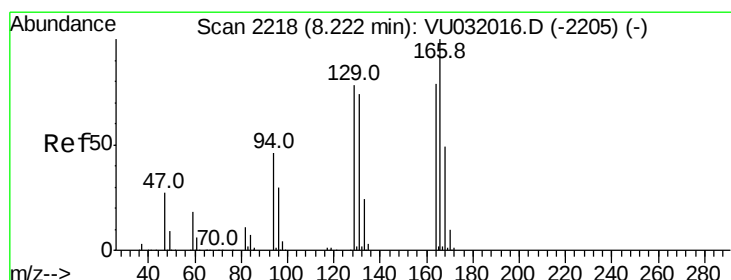
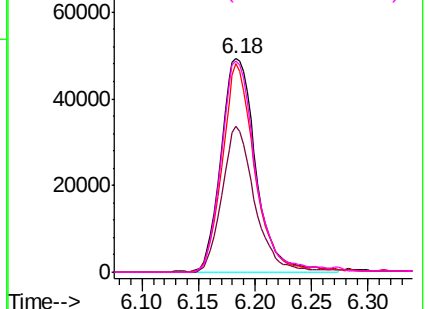
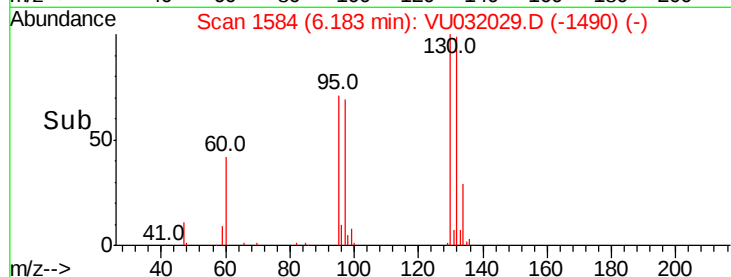


Abundance Ion 95.00 (94.70 to 95.70): VU032016.D (-1568) (-)

Ion 97.00 (96.70 to 97.70): VU032016.D (-1568) (-)

Ion 132.00 (131.70 to 132.70): VU032016.D (-1568) (-)

Ion 130.00 (129.70 to 130.70): VU032016.D (-1568) (-)



#46

Tetrachloroethene

Concen: 43.660 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

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Acq: 15 May 2019 14:10

Tgt Ion: 164 Resp: 263595

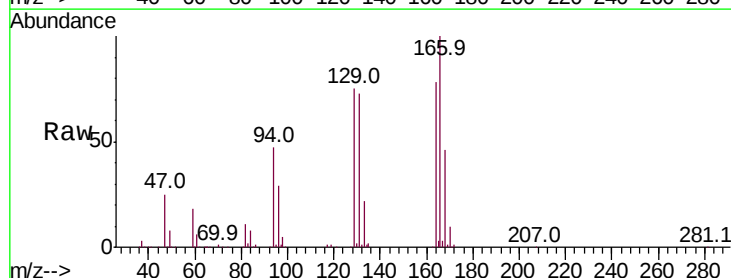
Ion Ratio Lower Upper

164 100

129 96.7 70.9 131.7

131 93.7 67.4 125.2

166 129.0 90.2 167.4



Abundance Ion 164.00 (163.70 to 164.70): VU032016.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU032016.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU032016.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU032016.D (-2205) (-)

