

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051519\
 Data File : VU032028.D
 Acq On : 15 May 2019 13:47
 Operator : JC/SP
 Sample : K2738-07DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB890DL

Quant Time: May 16 05:52:48 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	1059806	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1057115	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	417826	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	367947	39.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.12%
7) Chloroethane-d5	1.67	69	318066	42.24	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.48%
11) 1,1-Dichloroethene-d2	2.27	63	519075	31.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.28%
21) 2-Butanone-d5	4.17	46	616955	94.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.74%
24) Chloroform-d	4.64	84	677289	43.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.02%
26) 1,2-Dichloroethane-d4	5.30	65	441169	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
32) Benzene-d6	5.34	84	1435075	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.32	67	479272	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.92%
41) Toluene-d8	7.56	98	1243183	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.85	79	196534	44.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.24%
47) 2-Hexanone-d5	8.31	63	410449	100.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	660610	44.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	428725	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

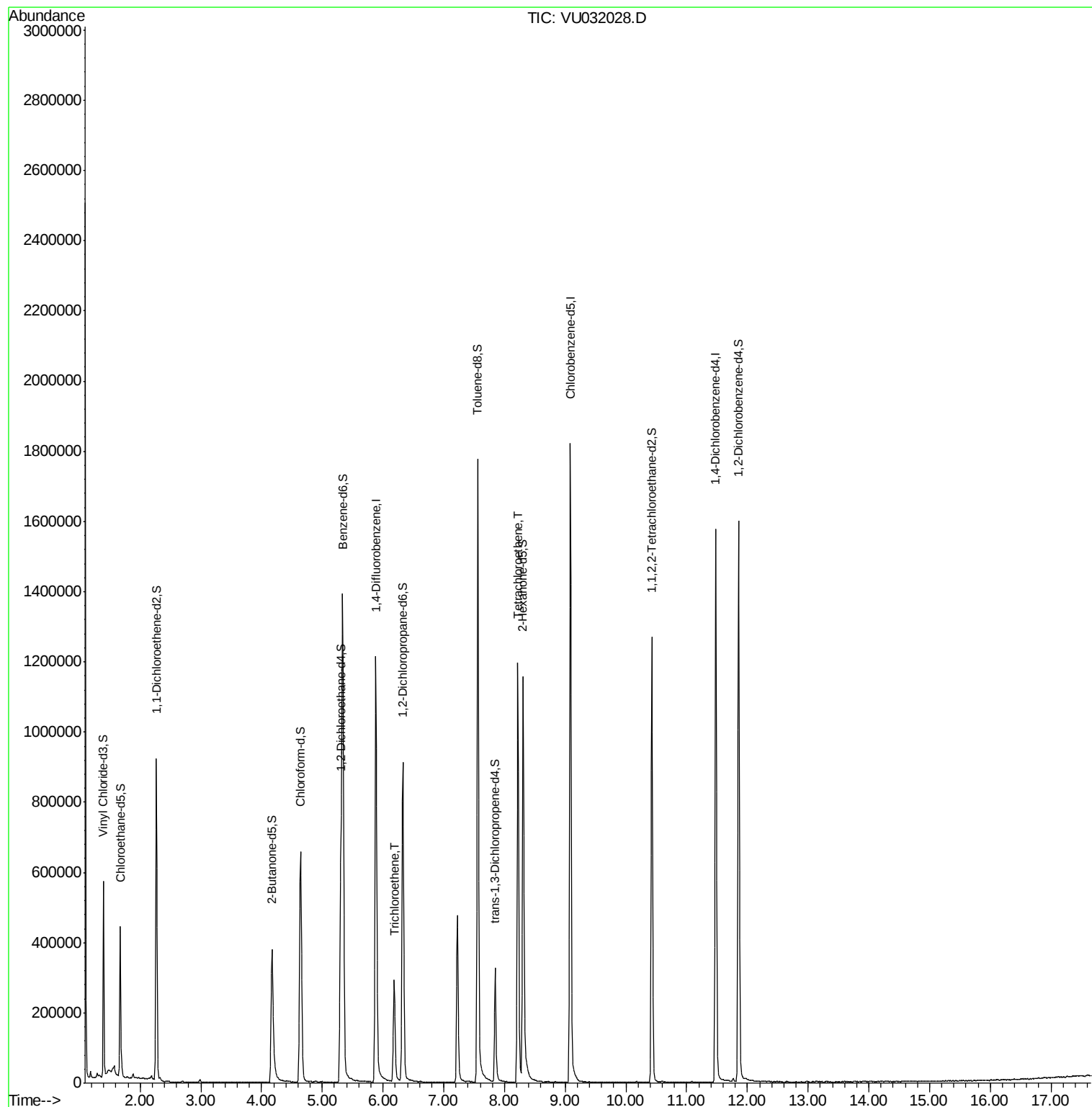
Target Compounds					Ovalue
34) Trichloroethene	6.18	95	109220	12.737 ug/L	99
46) Tetrachloroethene	8.22	164	274573	45.351 ug/L	99

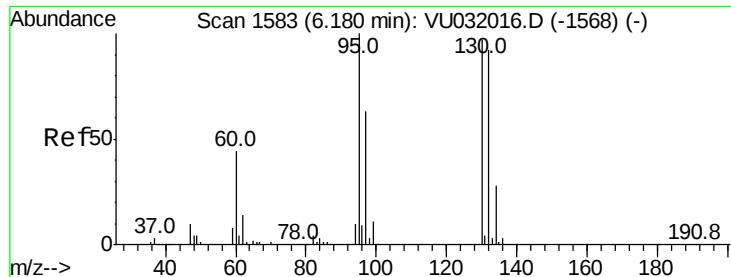
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 12.737 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032028.D

Acq: 15 May 2019 13:47

Instrument :

MSVOA_U

ClientSampleId :

DB890DL

Tot Ion: 95 Resp: 109220

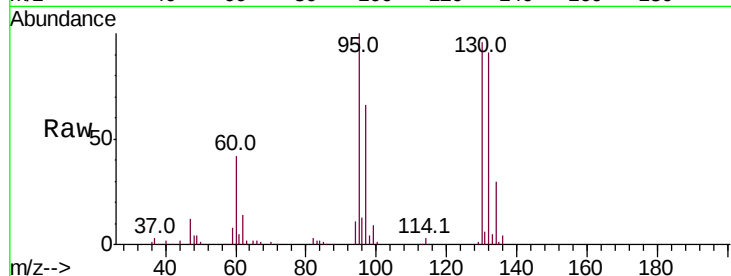
Ion Ratio Lower Upper

95 100

97 66.2 44.9 83.3

132 90.8 63.5 117.9

130 95.7 66.2 123.0



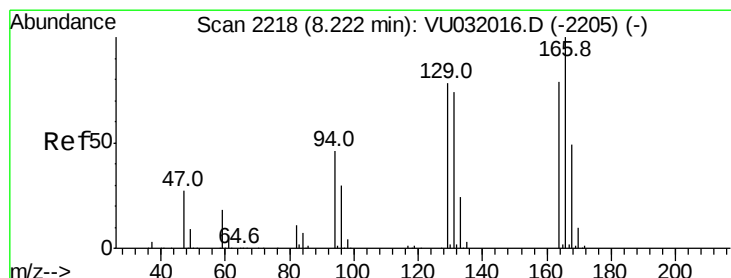
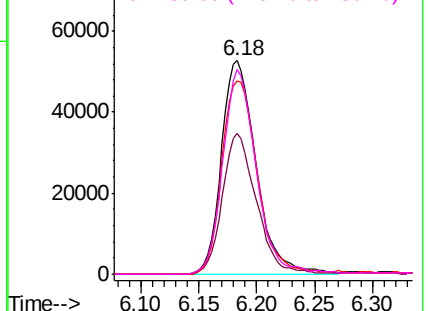
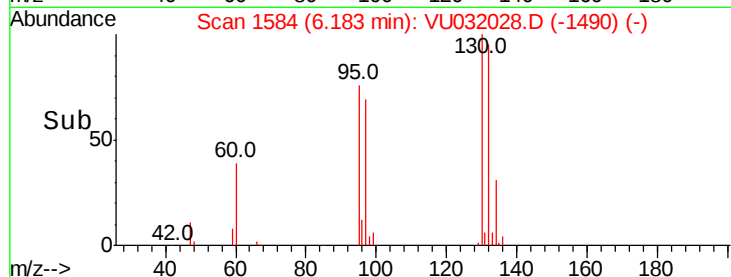
Abundance

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: 45.351 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032028.D

Acq: 15 May 2019 13:47

Tgt Ion: 164 Resp: 274573

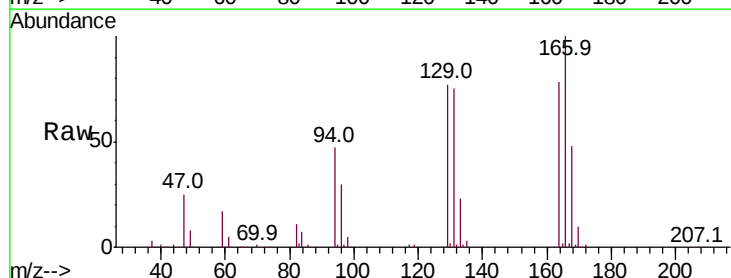
Ion Ratio Lower Upper

164 100

129 98.9 70.9 131.7

131 95.7 67.4 125.2

166 128.1 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) (-)

