

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072619\
 Data File : VU033456.D
 Acq On : 26 Jul 2019 16:19
 Operator : JC/SP
 Sample : K3976-05DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CB9DL

Quant Time: Jul 27 04:50:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 27 01:57:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	275184	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277048	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	116927	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	110808	53.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	106.38%
7) Chloroethane-d5	1.67	69	100204	56.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.62%
11) 1,1-Dichloroethene-d2	2.25	63	153656	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.34%
21) 2-Butanone-d5	4.15	46	145394	110.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.15%
24) Chloroform-d	4.62	84	176175	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
26) 1,2-Dichloroethane-d4	5.28	65	127757	57.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.12%
32) Benzene-d6	5.32	84	374044	55.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.06%
36) 1,2-Dichloropropane-d6	6.31	67	121745	55.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.84%
41) Toluene-d8	7.55	98	333190	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%
43) trans-1,3-Dichloropropene-	7.83	79	53417	50.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.08%
47) 2-Hexanone-d5	8.30	63	100933	102.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.84%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	177339	53.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.64%
64) 1,2-Dichlorobenzene-d4	11.85	152	125769	60.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.62%#

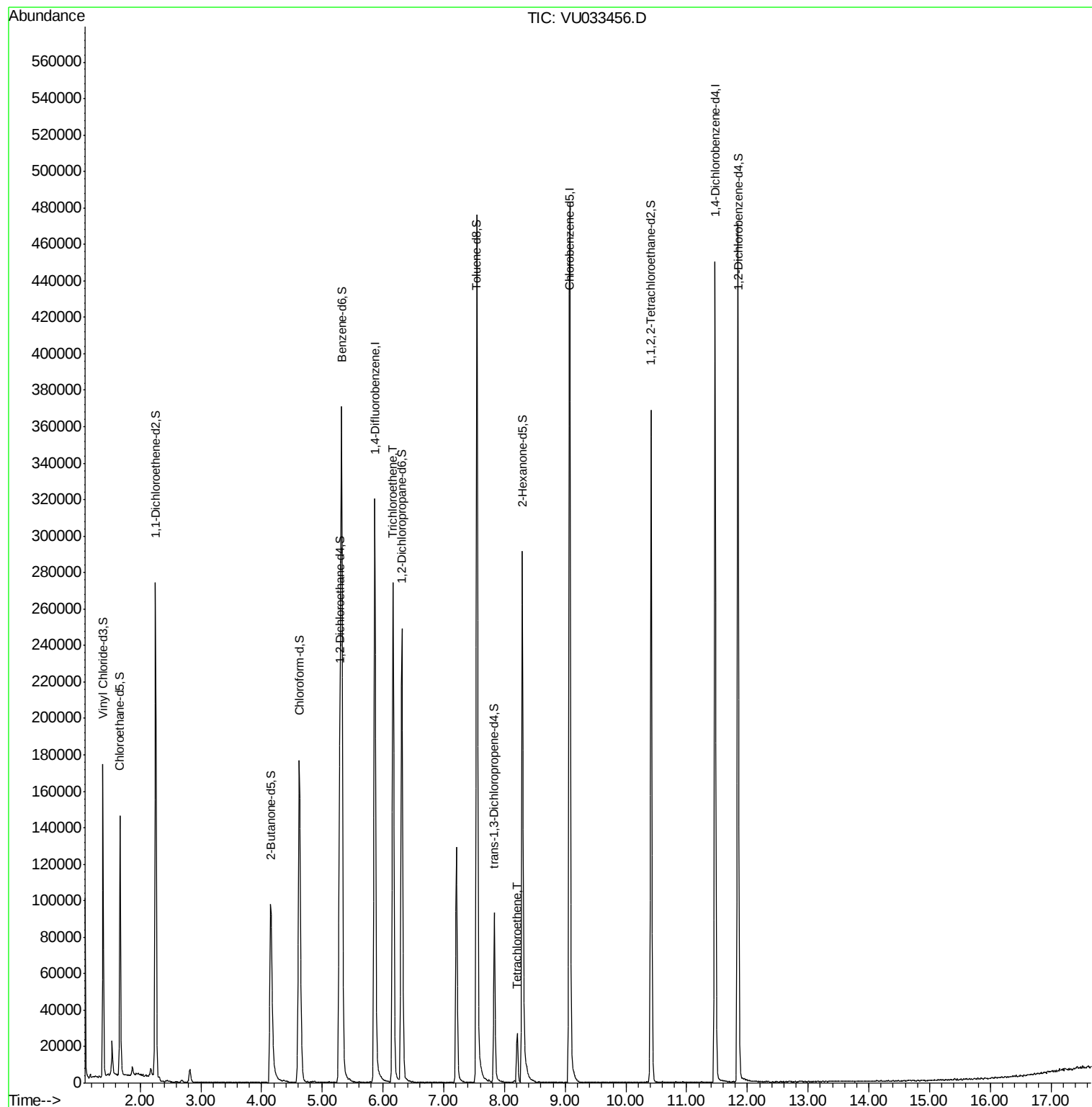
Target Compounds					Ovalue
34) Trichloroethene	6.16	95	97047	45.929 ug/L	97
46) Tetrachloroethene	8.21	164	6098	3.728 ug/L	98

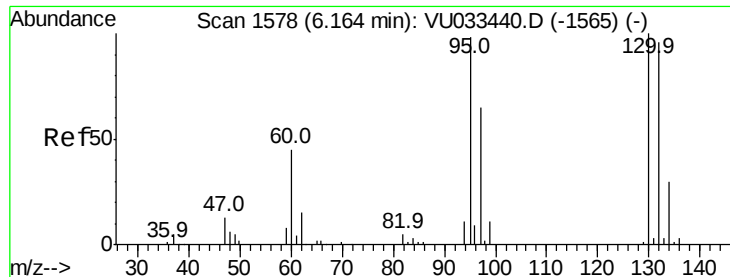
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 45.929 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU033456.D

Acq: 26 Jul 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

C0CB9DL

Tot Ion: 95 Resp: 97047

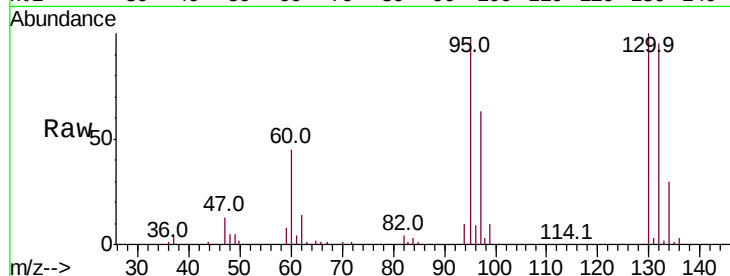
Ion Ratio Lower Upper

95 100

97 64.7 43.8 81.4

132 97.2 65.5 121.6

130 102.4 69.7 129.5



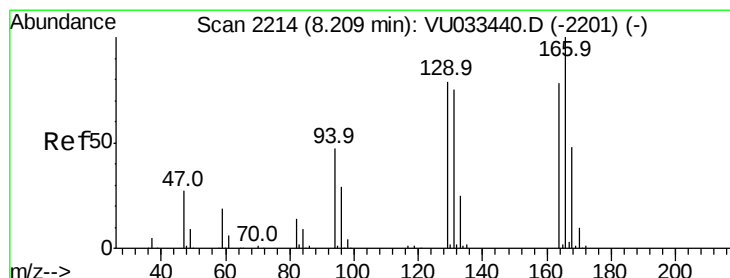
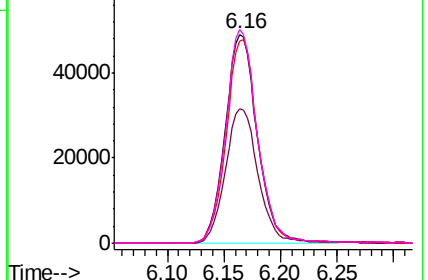
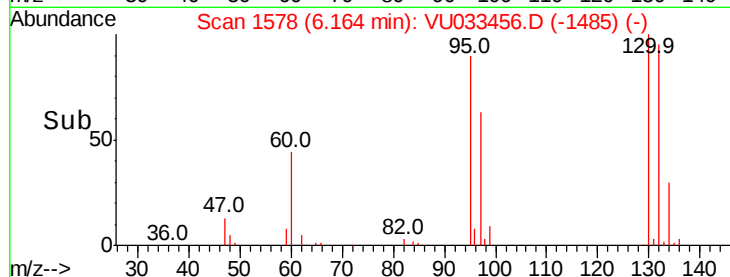
Abundance

Ion 95.00 (94.70 to 95.70): VU033440.D (-1565) (-)

Ion 97.00 (96.70 to 97.70): VU033440.D (-1565) (-)

Ion 132.00 (131.70 to 132.70): VU033440.D (-1565) (-)

Ion 130.00 (129.70 to 130.70): VU033440.D (-1565) (-)



#46

Tetrachloroethene

Concen: 3.728 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

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Tgt Ion:164 Resp: 6098

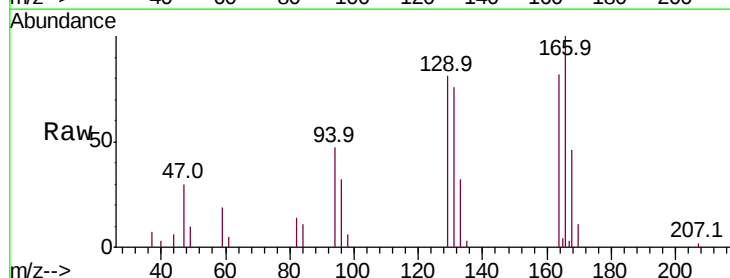
Ion Ratio Lower Upper

164 100

129 99.0 69.6 129.2

131 92.5 65.7 122.1

166 122.2 88.5 164.4



Abundance

Ion 164.00 (163.70 to 164.70): VU033440.D (-2201) (-)

Ion 129.00 (128.70 to 129.70): VU033440.D (-2201) (-)

Ion 131.00 (130.70 to 131.70): VU033440.D (-2201) (-)

Ion 166.00 (165.70 to 166.70): VU033440.D (-2201) (-)

