

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030738.D
 Acq On : 05 Apr 2019 13:09
 Operator : JC/SP
 Sample : K2276-20 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1C4

Quant Time: Apr 06 11:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:39:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	480139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	464646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	195151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	207386	48.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.78%
7) Chloroethane-d5	1.68	69	163704	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.64%
11) 1,1-Dichloroethene-d2	2.27	63	289520	37.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.70%
21) 2-Butanone-d5	4.17	46	344015	101.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.27%
24) Chloroform-d	4.64	84	311411	47.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.12%
26) 1,2-Dichloroethane-d4	5.30	65	223525	50.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.06%
32) Benzene-d6	5.33	84	665056	49.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.06%
36) 1,2-Dichloropropane-d6	6.33	67	233296	50.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.38%
41) Toluene-d8	7.56	98	570965	47.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.98%
43) trans-1,3-Dichloropropene-	7.85	79	99911	47.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.26%
47) 2-Hexanone-d5	8.31	63	206873	97.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	302946	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	197542	51.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.94%

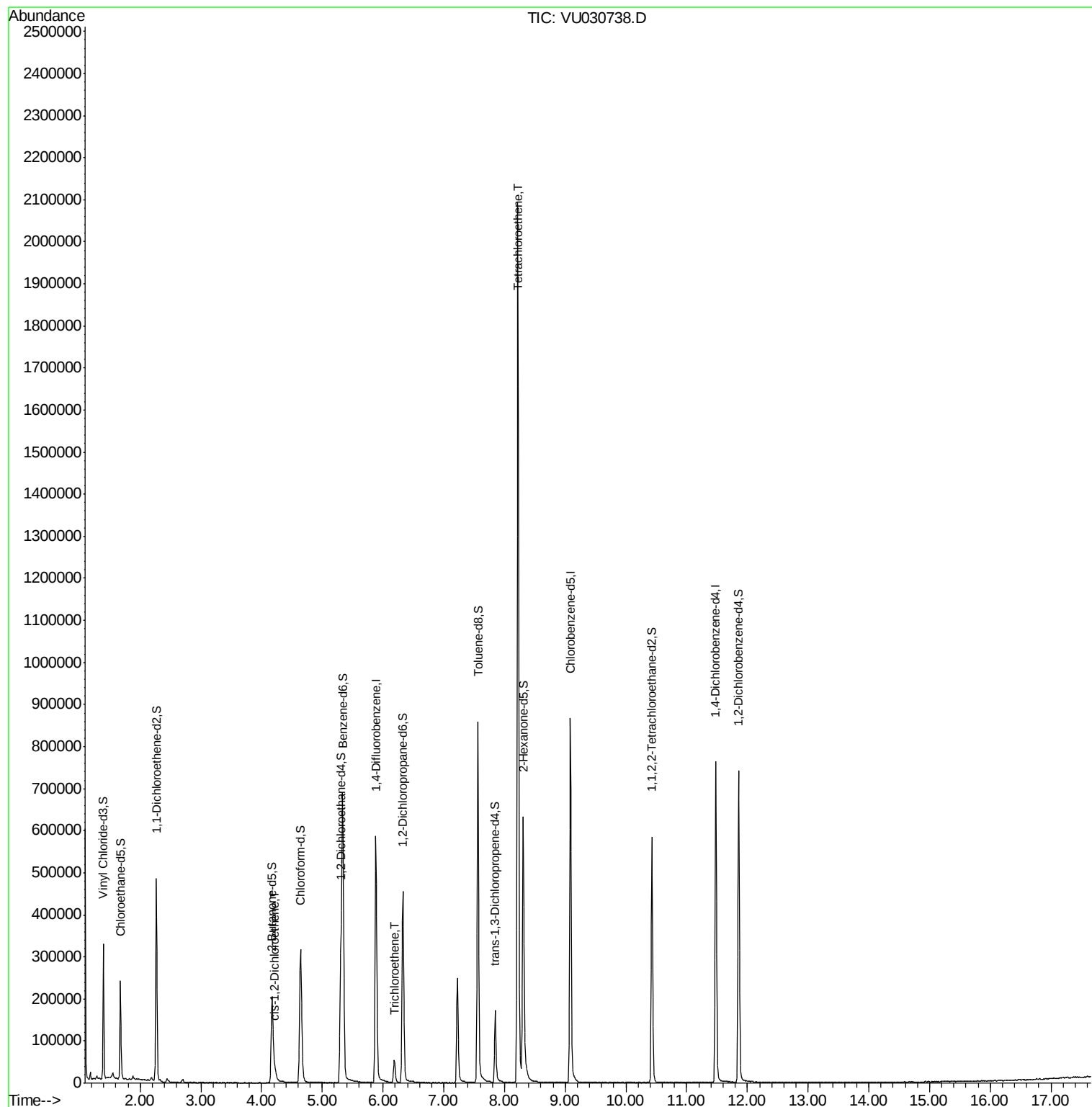
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	7433	1.910 ug/L	99
34) Trichloroethene	6.18	95	20326	5.450 ug/L	95
46) Tetrachloroethene	8.22	164	454861	167.762 ug/L	98

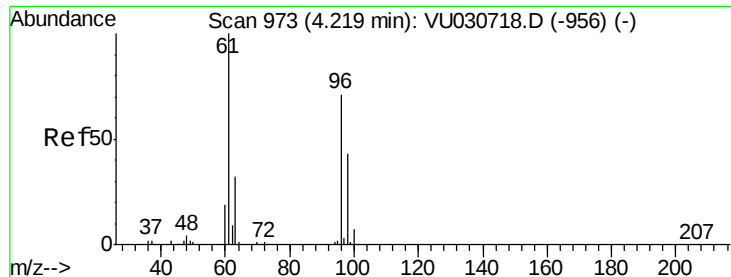
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#20

cis-1,2-Dichloroethene

Concen: 1.910 ug/L

RT: 4.23 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU030738.D

Acq: 05 Apr 2019 13:09

Instrument :

MSVOA_U

ClientSampleId :

BF1C4

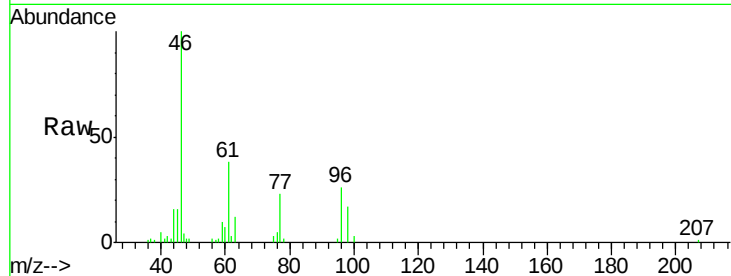
Tot Ion: 96 Resp: 7433

Ion Ratio Lower Upper

96 100

61 147.8 102.9 191.1

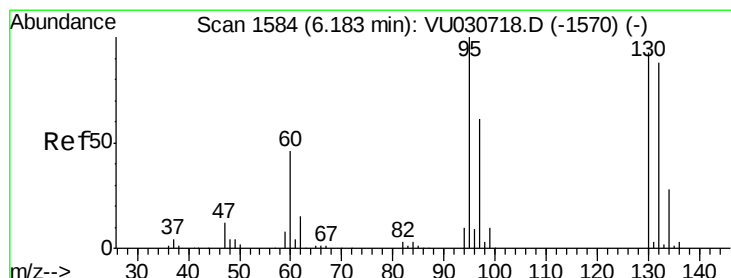
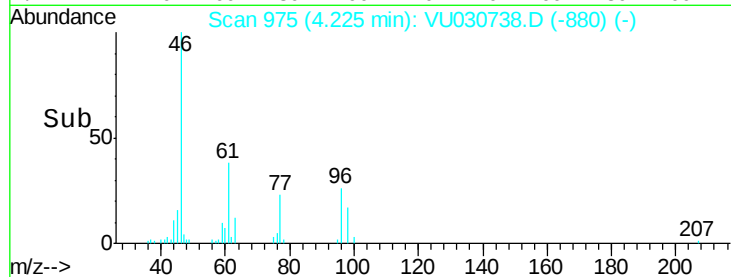
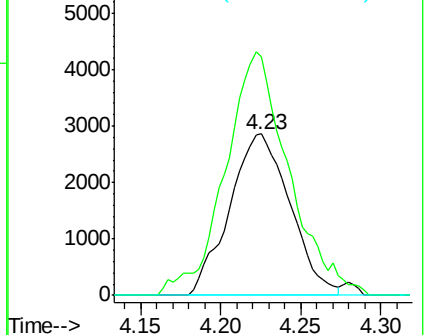
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030718.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU030718.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU030718.D (-956) (-)



#34

Trichloroethene

Concen: 5.450 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030738.D

Acq: 05 Apr 2019 13:09

Tgt Ion: 95 Resp: 20326

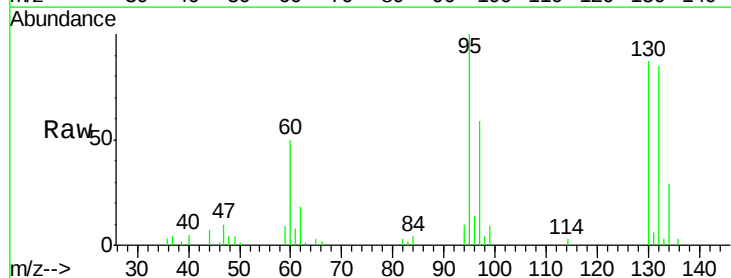
Ion Ratio Lower Upper

95 100

97 59.3 44.5 82.7

132 84.8 61.5 114.1

130 87.3 64.9 120.5

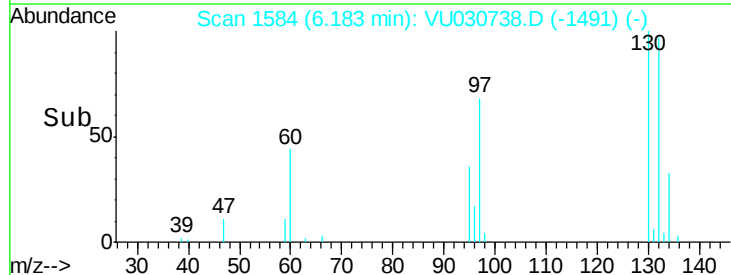
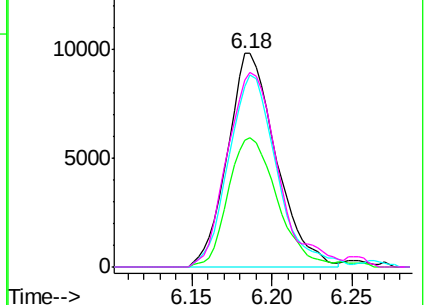


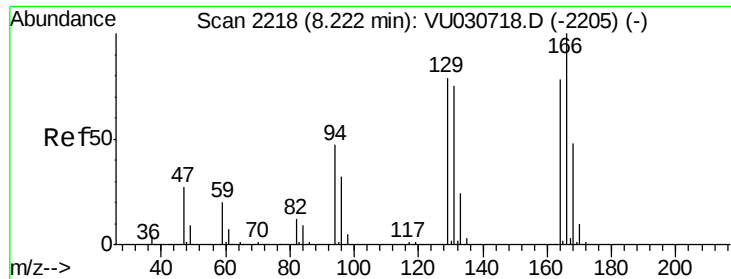
Abundance Ion 95.00 (94.70 to 95.70): VU030718.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030718.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030718.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030718.D (-1570) (-)

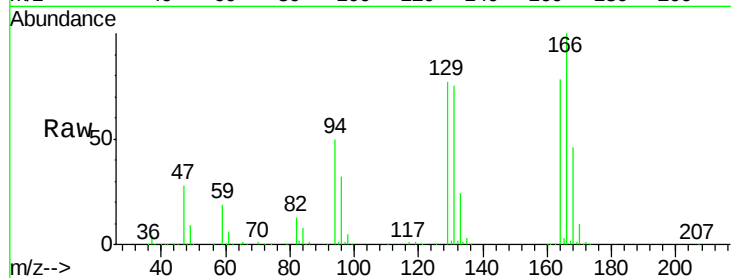




#46
 Tetrachloroethene
 Concen: 167.762 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU030738.D
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 BF1C4

Tot Ion:	164	Resp:	454861
Ion	Ratio	Lower	Upper
164	100		
129	99.1	67.4	125.2
131	96.5	65.9	122.5
166	128.3	88.6	164.6



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

