

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031555.D
 Acq On : 27 Apr 2019 01:03
 Operator : JC/SP
 Sample : K2592-08 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ9

Quant Time: Apr 27 04:16:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 03:26:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	843455	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	785485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312453	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	380547	53.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.82%
7) Chloroethane-d5	1.68	69	291241	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.78%
11) 1,1-Dichloroethene-d2	2.27	63	545576	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
21) 2-Butanone-d5	4.18	46	706057	110.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.39%
24) Chloroform-d	4.64	84	624877	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.31	65	412154	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.34	84	1295113	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
36) 1,2-Dichloropropane-d6	6.33	67	444747	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.82%
41) Toluene-d8	7.56	98	1095098	52.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.26%
43) trans-1,3-Dichloropropene-	7.85	79	177979	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	8.31	63	439472	119.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	571442	50.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	342904	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

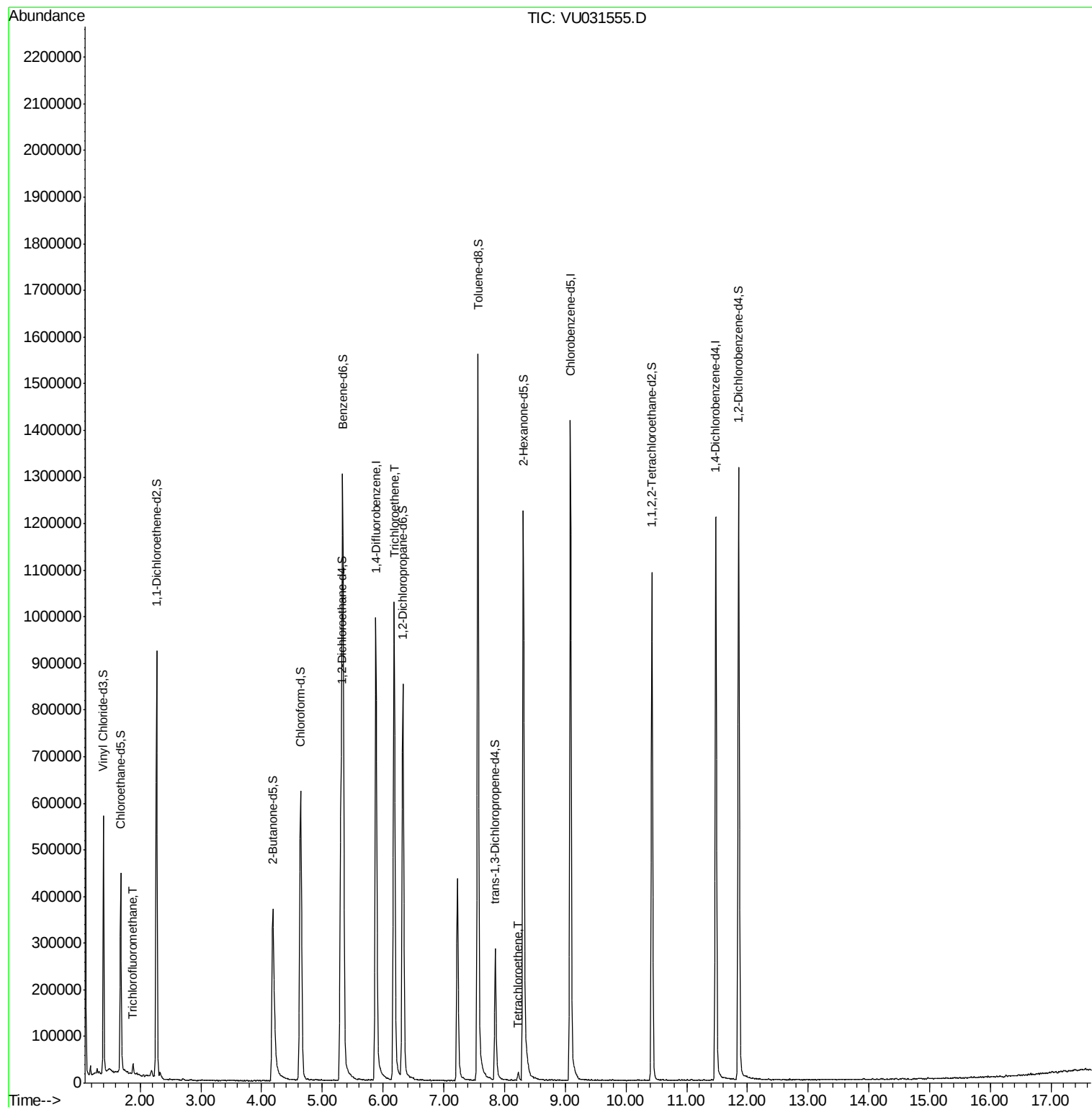
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	6372	0.533 ug/L	97
34) Trichloroethene	6.18	95	385685	55.095 ug/L	99
46) Tetrachloroethene	8.23	164	3772	0.790 ug/L	91

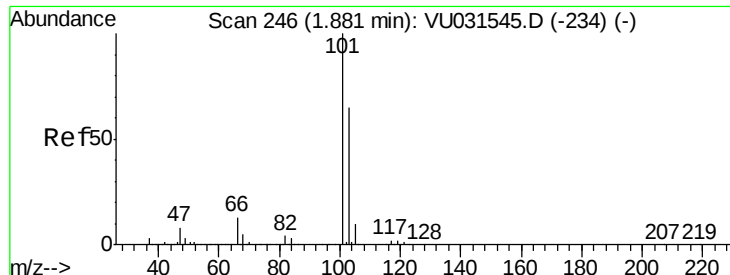
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
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#9

Trichlorofluoromethane

Concen: 0.533 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031555.D

Acq: 27 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampleId :

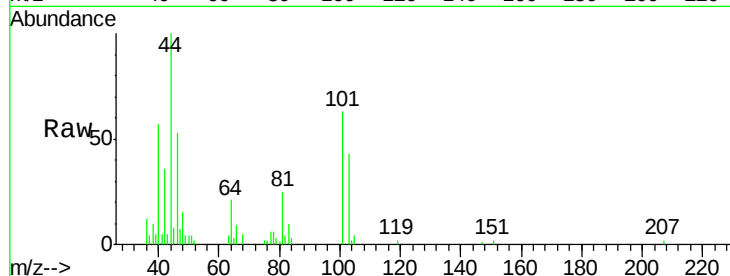
COWZ9

Tot Ion:101 Resp: 6372

Ion Ratio Lower Upper

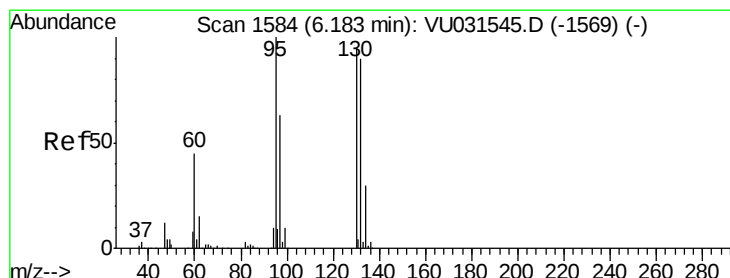
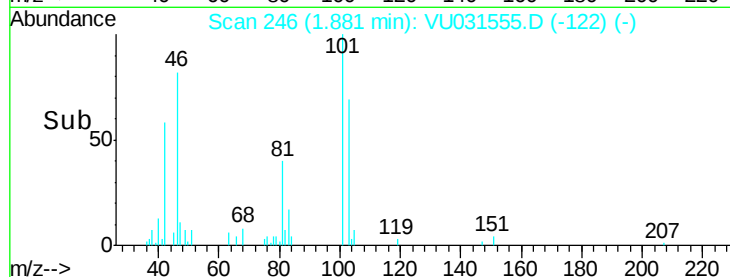
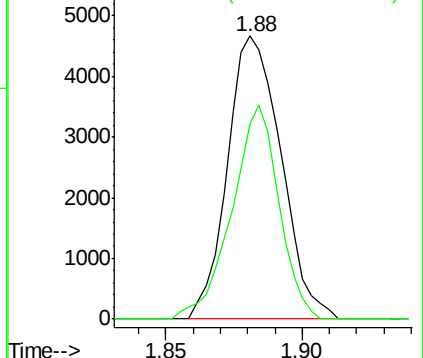
101 100

103 66.2 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 55.095 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031555.D

Acq: 27 Apr 2019 01:03

Tgt Ion: 95 Resp: 385685

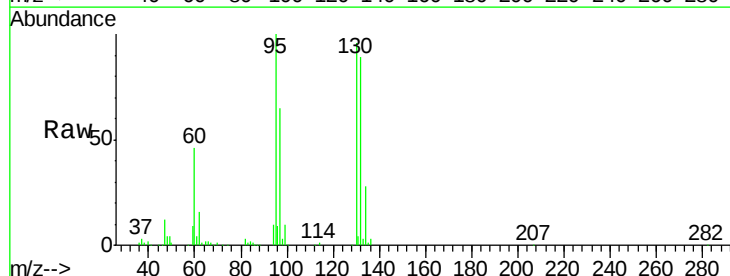
Ion Ratio Lower Upper

95 100

97 65.2 44.8 83.2

132 89.0 63.1 117.1

130 96.0 66.5 123.5

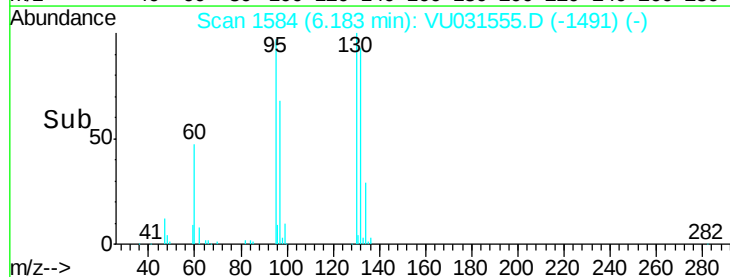
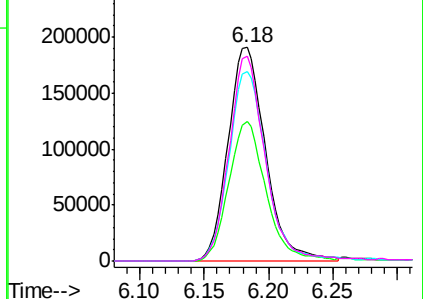


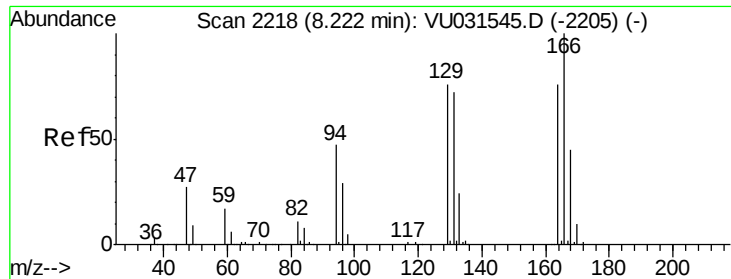
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

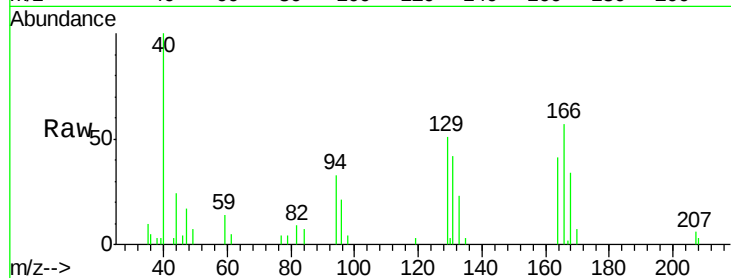




#46
 Tetrachloroethene
 Concen: 0.790 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
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Tot Ion:	164	Resp:	3772
Ion	Ratio	Lower	Upper
164	100		
129	124.4	71.5	132.9
131	102.3	69.0	128.2
166	138.6	93.7	173.9



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

