

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031612.D
 Acq On : 30 Apr 2019 01:59
 Operator : JC/SP
 Sample : K2592-12DL 1000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X72DL

Quant Time: Apr 30 05:29:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	630623	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	613852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222063	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	332371	62.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.94%
7) Chloroethane-d5	1.68	69	242949	59.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.14%
11) 1,1-Dichloroethene-d2	2.27	63	457940	43.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.14%
21) 2-Butanone-d5	4.19	46	530458	110.93	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.93%
24) Chloroform-d	4.64	84	497418	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	5.31	65	344497	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
32) Benzene-d6	5.34	84	979225	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
36) 1,2-Dichloropropane-d6	6.33	67	346425	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.48%
41) Toluene-d8	7.56	98	808969	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%
43) trans-1,3-Dichloropropene-	7.85	79	130979	46.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.02%
47) 2-Hexanone-d5	8.31	63	297106	103.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	440382	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	244923	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%

Target Compounds

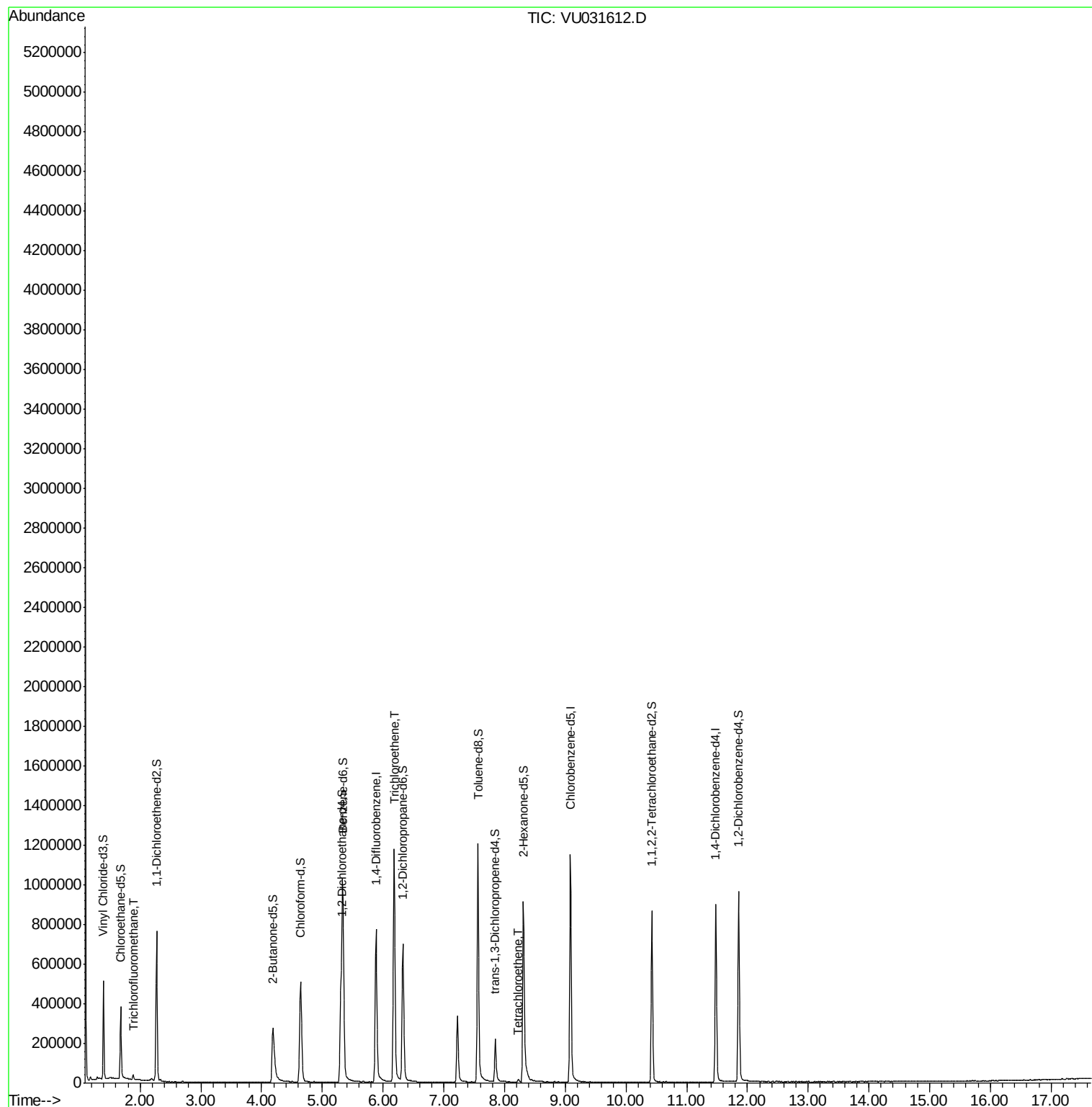
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	8154	0.912	ug/L	96
34) Trichloroethene	6.18	95	441608	80.721	ug/L	97
46) Tetrachloroethene	8.23	164	2742	0.735	ug/L	92

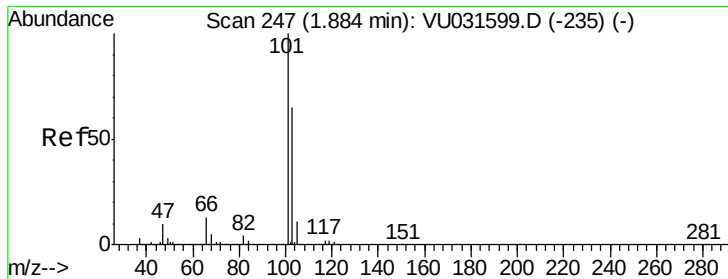
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.912 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

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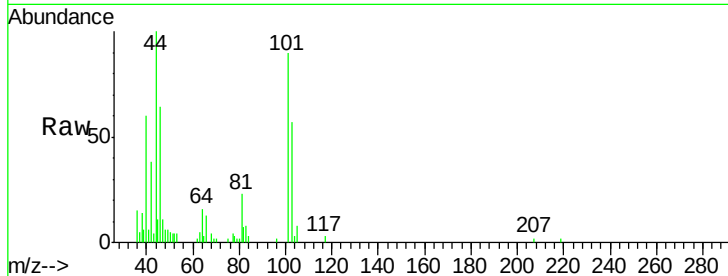
C0X72DL

Tot Ion:101 Resp: 8154

Ion Ratio Lower Upper

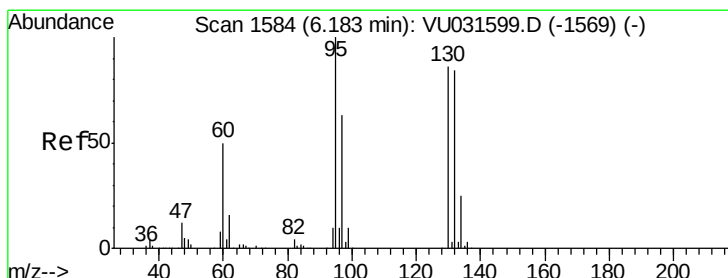
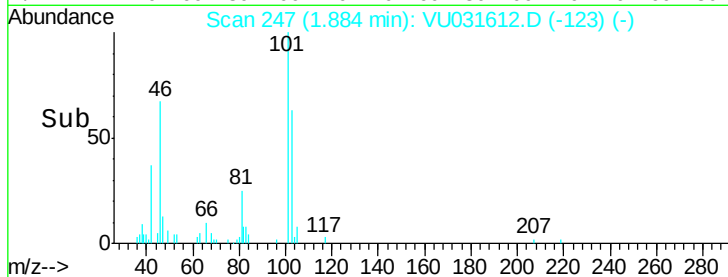
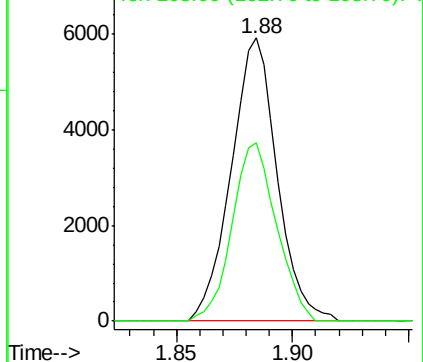
101 100

103 60.5 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: 80.721 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 441608

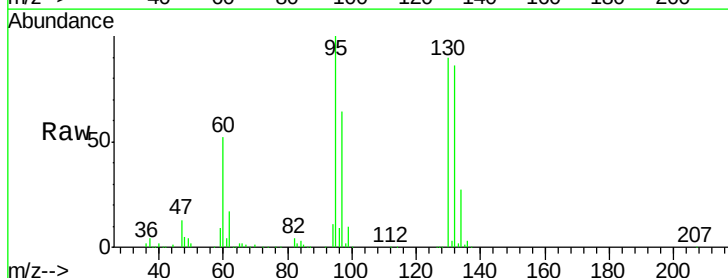
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 86.2 63.1 117.1

130 90.0 66.5 123.5

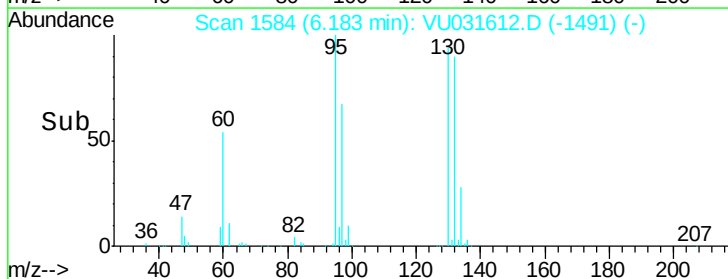
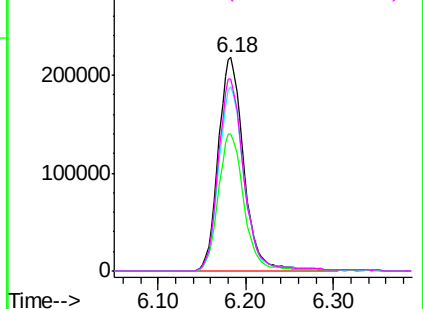


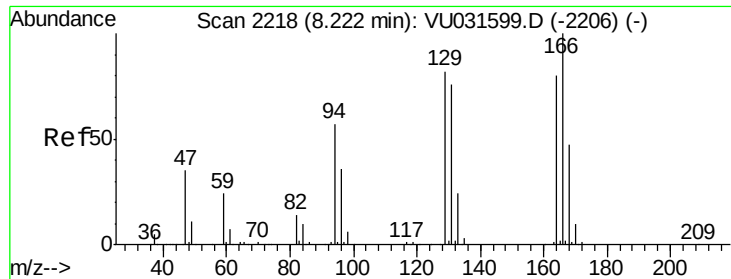
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.735 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

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Tot Ion:164 Resp: 2742

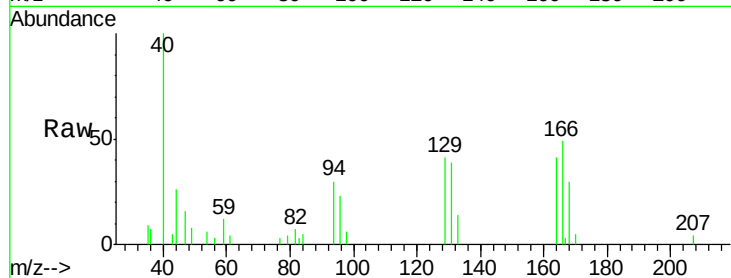
Ion Ratio Lower Upper

164 100

129 98.0 71.5 132.9

131 94.6 69.0 128.2

166 117.7 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

