

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031644.D
 Acq On : 30 Apr 2019 19:12
 Operator : JC/SP
 Sample : K2593-12 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X78

Quant Time: May 01 03:57:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 01 01:38:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	677471	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	664652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	224963	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	299442	52.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.62%
7) Chloroethane-d5	1.68	69	219785	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.32%
11) 1,1-Dichloroethene-d2	2.27	63	439858	38.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.92%
21) 2-Butanone-d5	4.18	46	496460	96.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	4.64	84	498955	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
26) 1,2-Dichloroethane-d4	5.31	65	349983	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.18%
32) Benzene-d6	5.33	84	975994	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
36) 1,2-Dichloropropane-d6	6.32	67	352361	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.14%
41) Toluene-d8	7.56	98	770271	43.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.66%
43) trans-1,3-Dichloropropene-	7.85	79	133474	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
47) 2-Hexanone-d5	8.31	63	271586	87.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	426162	44.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	229642	48.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.08%

Target Compounds

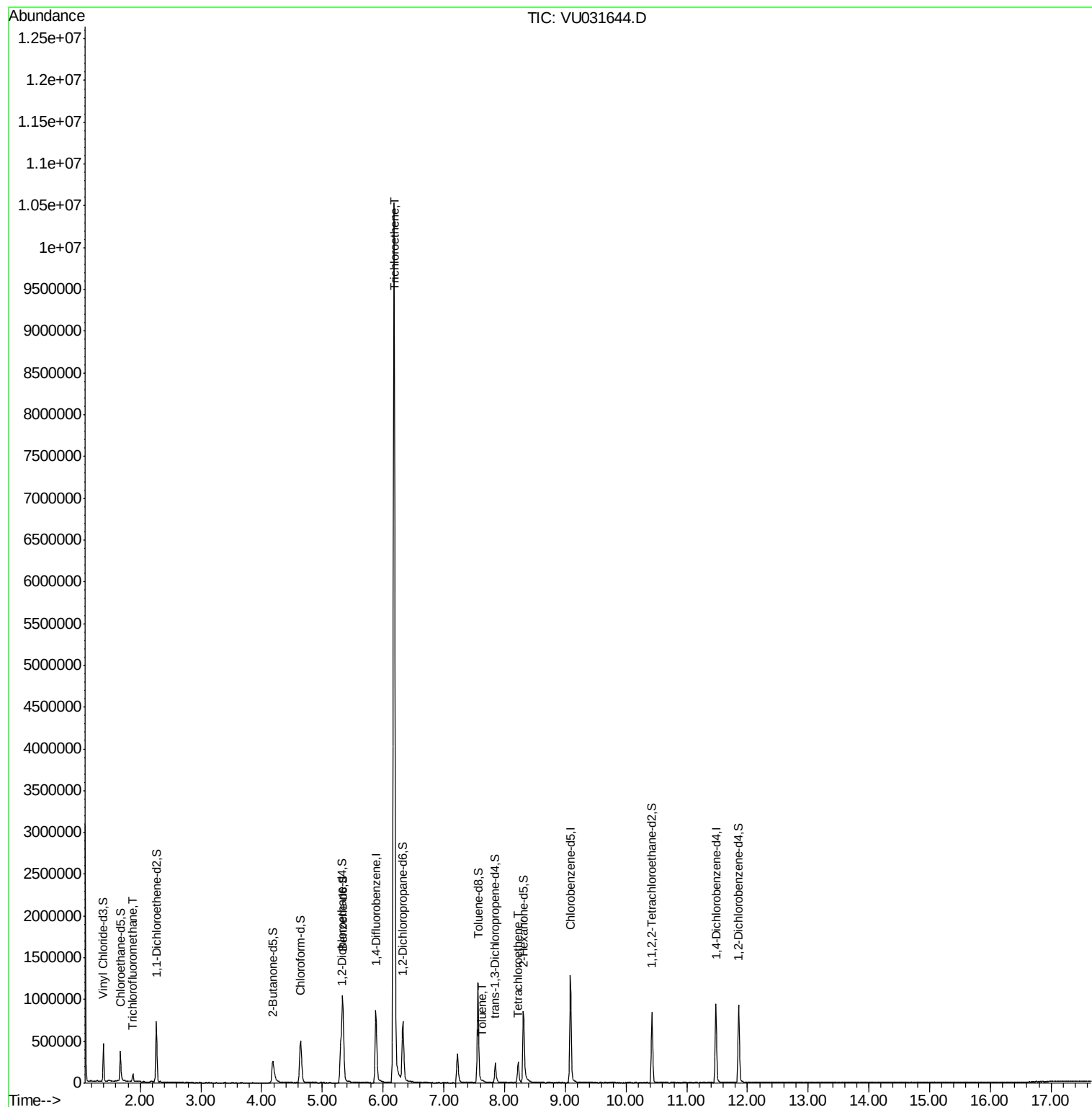
					Ovalue
9) Trichlorofluoromethane	1.88	101	51514	5.362 ug/L	93
34) Trichloroethene	6.18	95	3846761	649.406 ug/L	94
42) Toluene	7.65	91	10881	0.447 ug/L	92
46) Tetrachloroethene	8.22	164	54121	13.402 ug/L	93

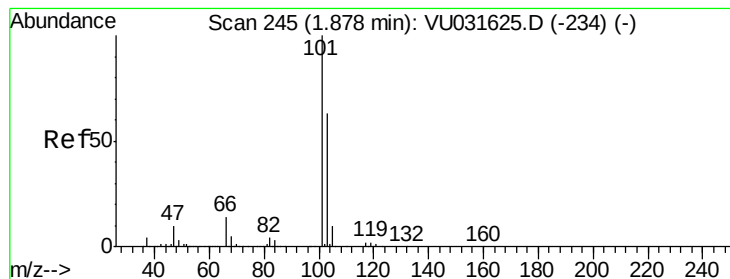
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 5.362 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

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Acq: 30 Apr 2019 19:12

Instrument :

MSVOA_U

ClientSampleId :

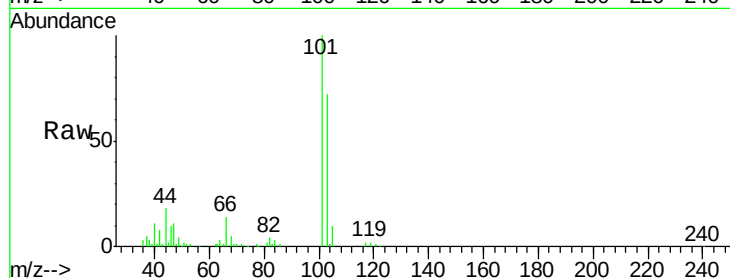
C0X78

Tot Ion:101 Resp: 51514

Ion Ratio Lower Upper

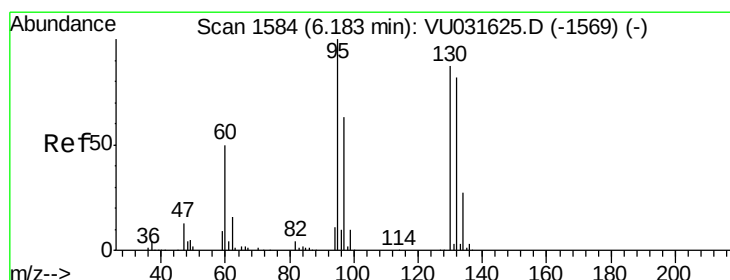
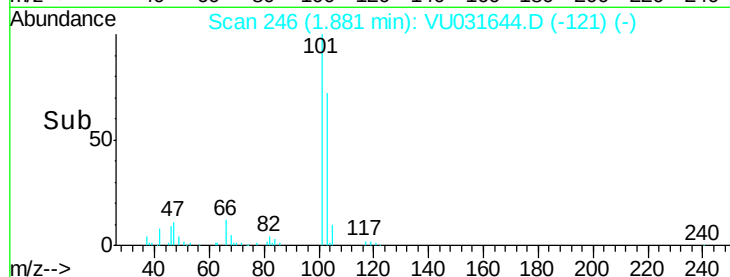
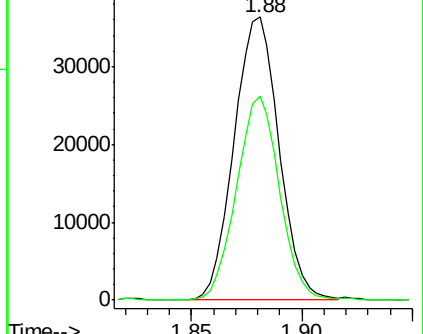
101 100

103 69.3 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: 649.406 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031644.D

Acq: 30 Apr 2019 19:12

Tgt Ion: 95 Resp: 3846761

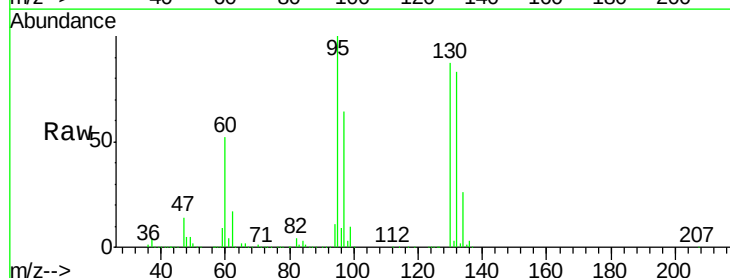
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 83.0 63.1 117.1

130 87.4 66.5 123.5

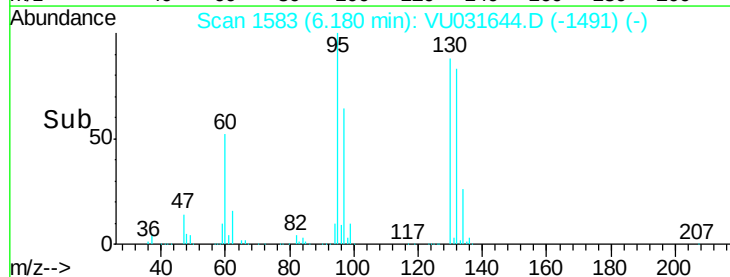
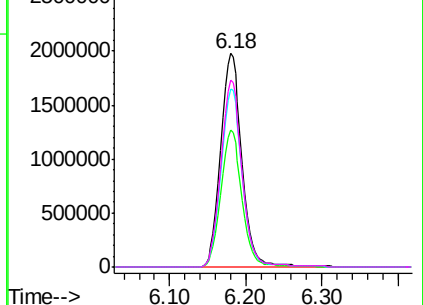


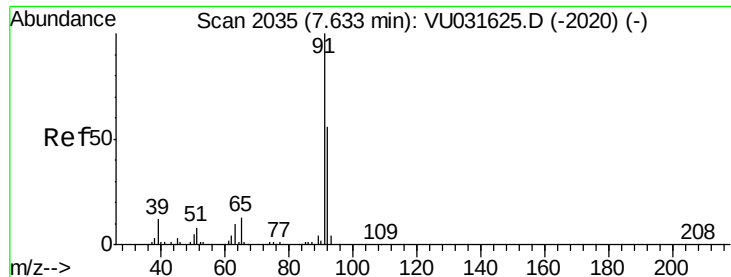
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 0.447 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. 0.01 min

Lab File: VU031644.D

Acq: 30 Apr 2019 19:12

Instrument :

MSVOA_U

ClientSampled :

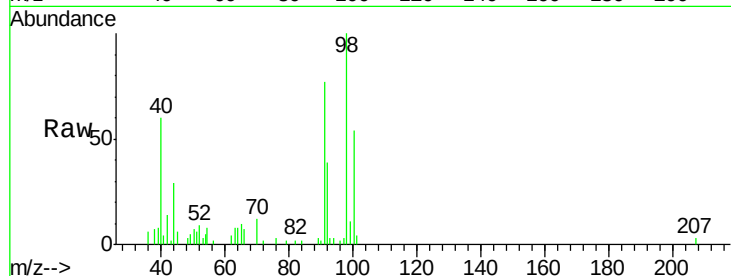
C0X78

Tot Ion: 91 Resp: 10881

Ion Ratio Lower Upper

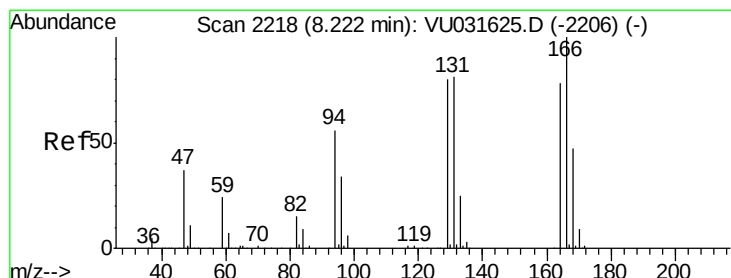
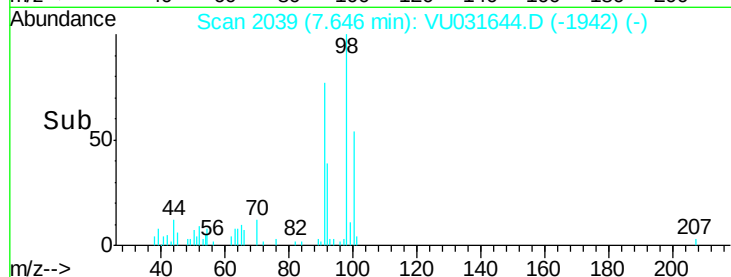
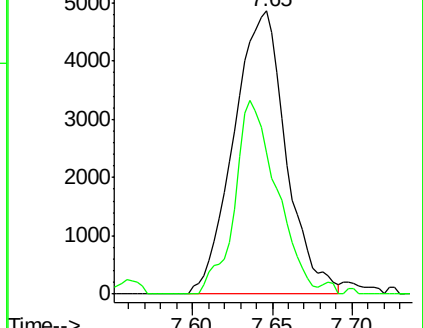
91 100

92 49.8 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031625.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU031625.D (-2020) (-)



#46

Tetrachloroethene

Concen: 13.402 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031644.D

Acq: 30 Apr 2019 19:12

Tgt Ion: 164 Resp: 54121

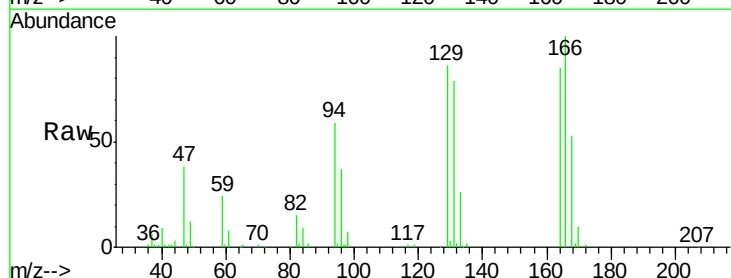
Ion Ratio Lower Upper

164 100

129 101.2 71.5 132.9

131 93.7 69.0 128.2

166 117.9 93.7 173.9



Abundance Ion 164.00 (163.70 to 164.70): VU031625.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031625.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031625.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031625.D (-2206) (-)

