

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031411.D
 Acq On : 23 Apr 2019 00:02
 Operator : JC/SP
 Sample : K2477-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X52

Quant Time: Apr 23 05:02:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 04:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	656575	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	572545	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	260173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	271871	51.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.20%
7) Chloroethane-d5	1.68	69	225847	55.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.50%
11) 1,1-Dichloroethene-d2	2.27	63	390814	42.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.46%
21) 2-Butanone-d5	4.19	46	461987	116.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.15%
24) Chloroform-d	4.64	84	445635	52.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.12%
26) 1,2-Dichloroethane-d4	5.31	65	271006	53.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.72%
32) Benzene-d6	5.34	84	962162	58.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.34%
36) 1,2-Dichloropropane-d6	6.33	67	287721	54.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.12%
41) Toluene-d8	7.56	98	793050	53.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.36%
43) trans-1,3-Dichloropropene-	7.85	79	120095	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.04%
47) 2-Hexanone-d5	8.31	63	291516	109.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.32%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	427468	59.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	291220	54.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.52%

Target Compounds

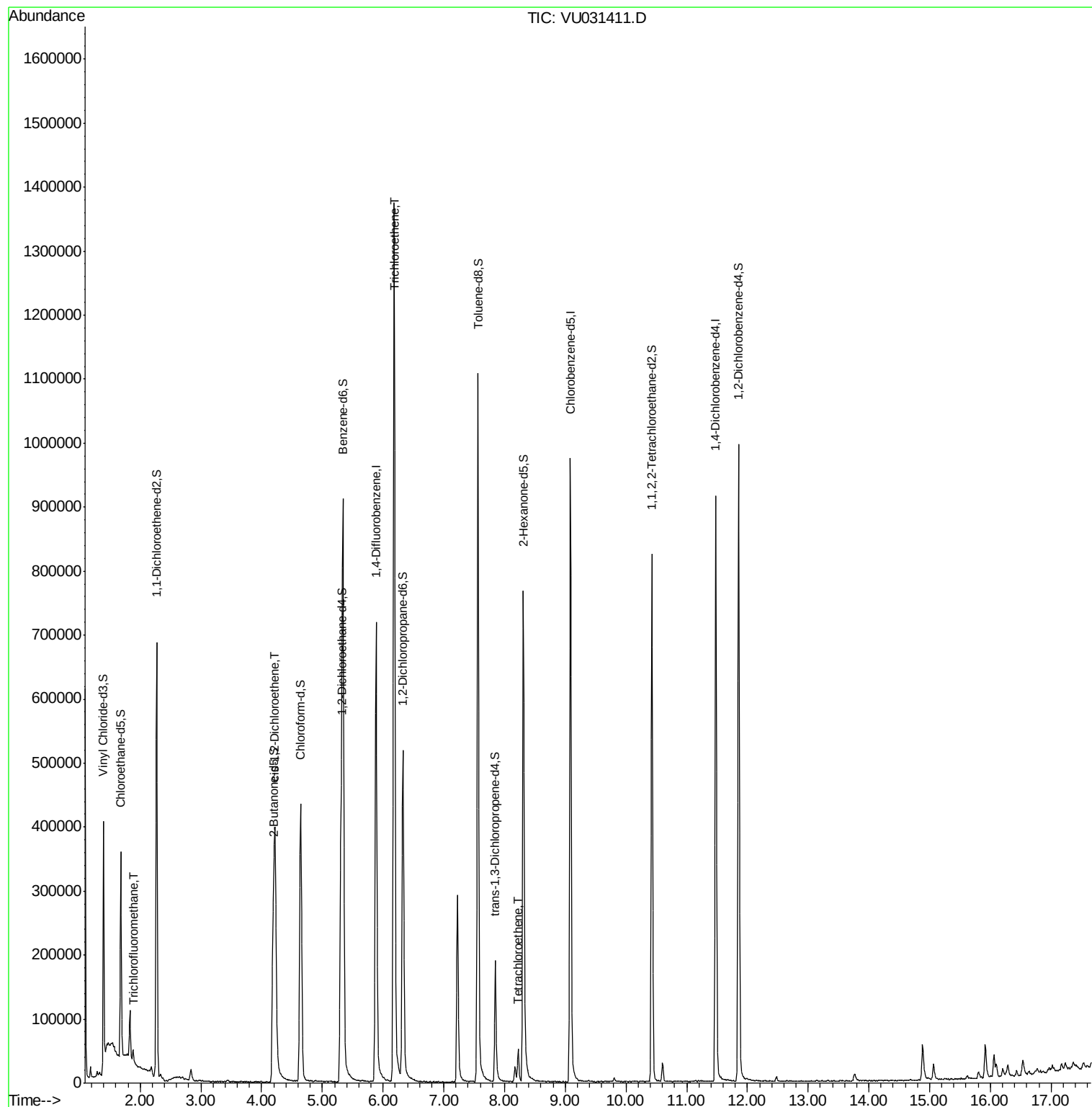
					Ovalue
9) Trichlorofluoromethane	1.88	101	6278	0.896 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	169933	36.304 ug/L	100
34) Trichloroethene	6.18	95	504232	114.908 ug/L	99
46) Tetrachloroethene	8.23	164	13314	4.278 ug/L	96

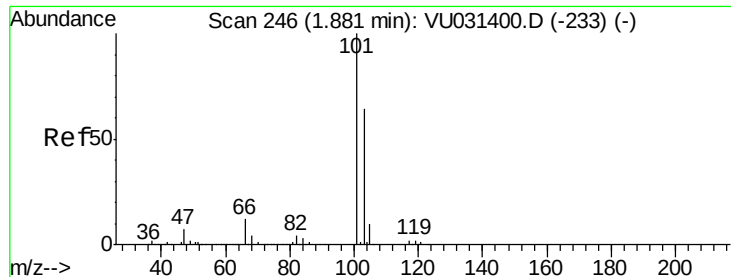
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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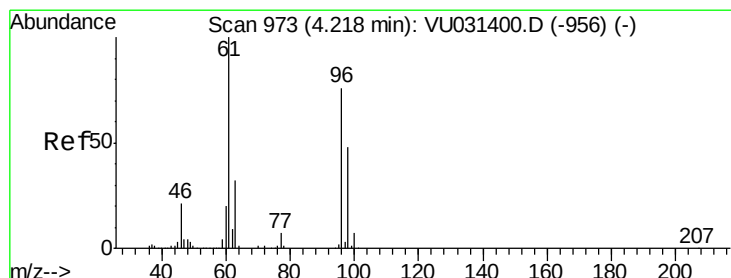
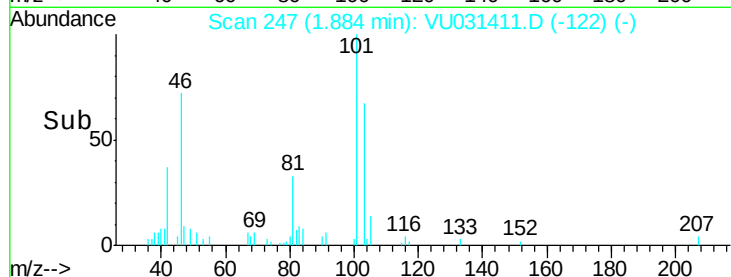
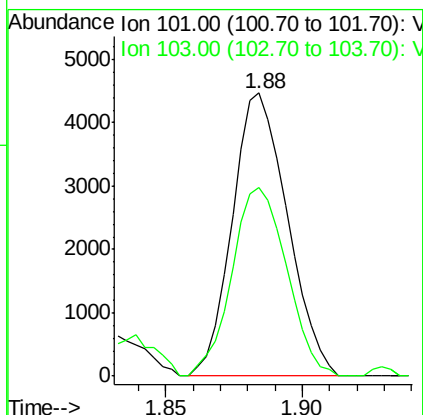
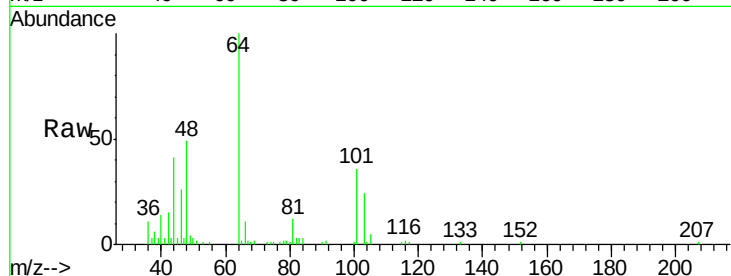


#9

Trichlorofluoromethane
 Concen: 0.896 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031411.D
 Acq: 23 Apr 2019 00:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X52

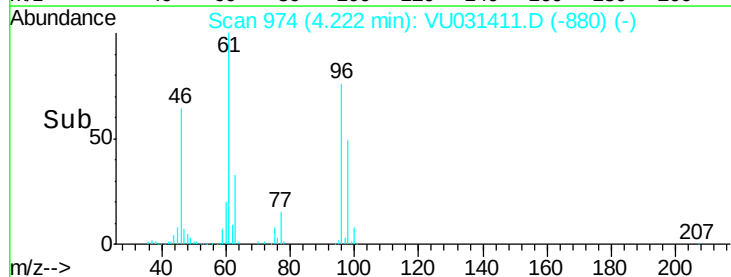
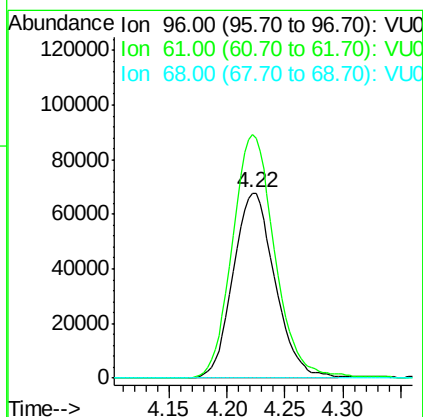
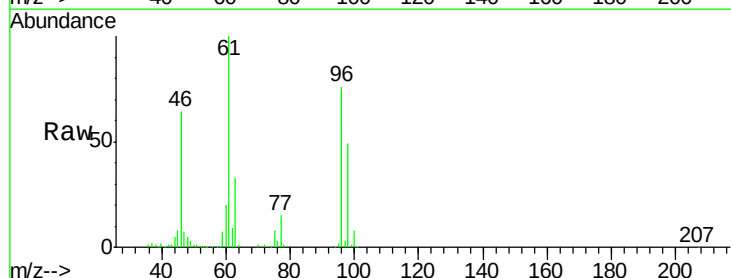
Tot Ion:101 Resp: 6278
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.4 77.2

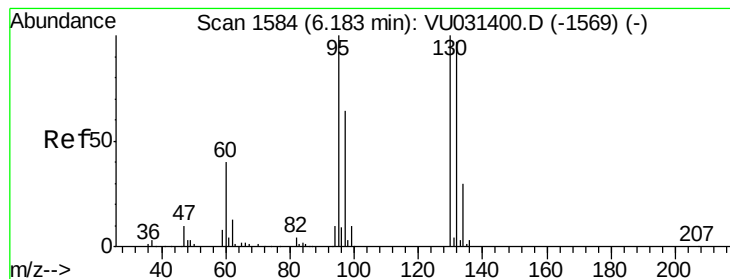


#20

cis-1,2-Dichloroethene
 Concen: 36.304 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031411.D
 Acq: 23 Apr 2019 00:02

Tgt Ion: 96 Resp: 169933
 Ion Ratio Lower Upper
 96 100
 61 131.5 91.9 170.7
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 114.908 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031411.D

Acq: 23 Apr 2019 00:02

Instrument :

MSVOA_U

ClientSampleId :

C0X52

Tot Ion: 95 Resp: 504232

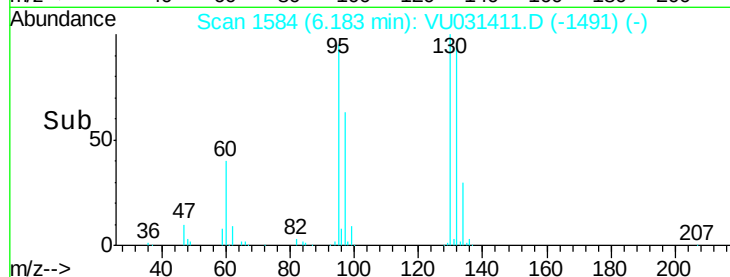
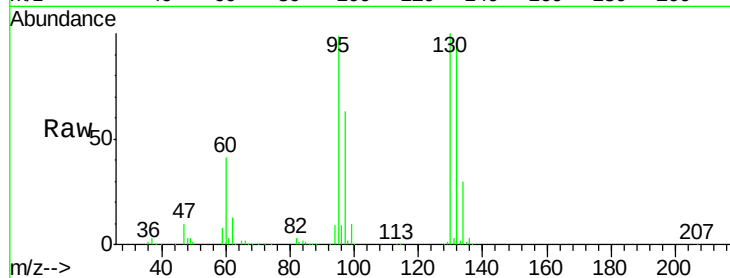
Ion Ratio Lower Upper

95 100

97 64.1 44.9 83.5

132 97.5 68.0 126.2

130 101.3 70.1 130.1

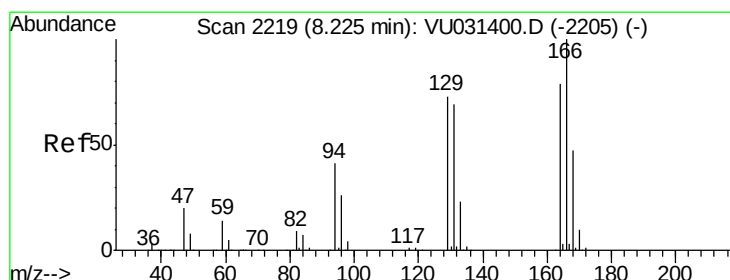
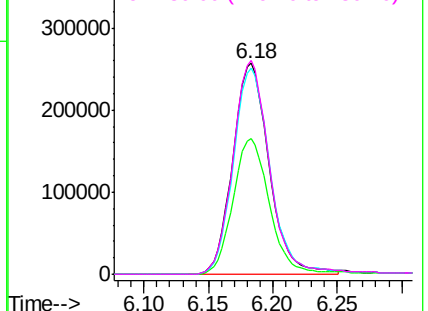


Abundance Ion 95.00 (94.70 to 95.70): VU031411.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031411.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031411.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031411.D (-1491) (-)



#46

Tetrachloroethene

Concen: 4.278 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU031411.D

Acq: 23 Apr 2019 00:02

Tgt Ion: 164 Resp: 13314

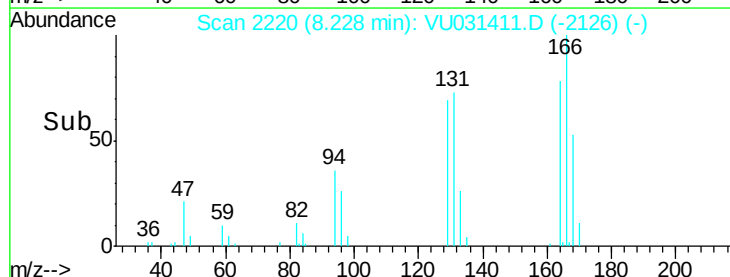
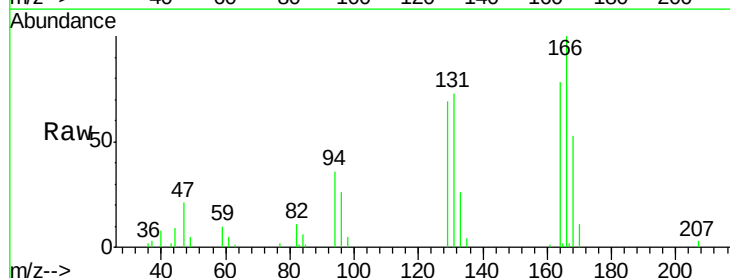
Ion Ratio Lower Upper

164 100

129 88.9 65.2 121.0

131 93.9 61.4 114.0

166 128.3 89.2 165.6



Abundance Ion 164.00 (163.70 to 164.70): VU031411.D (-2126) (-)

Ion 129.00 (128.70 to 129.70): VU031411.D (-2126) (-)

Ion 131.00 (130.70 to 131.70): VU031411.D (-2126) (-)

Ion 166.00 (165.70 to 166.70): VU031411.D (-2126) (-)

