

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031432.D
 Acq On : 23 Apr 2019 12:53
 Operator : JC/SP
 Sample : K2428-15 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X16

Quant Time: Apr 24 07:06:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 06:00:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	688319	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	641370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	253845	45.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.02%
7) Chloroethane-d5	1.68	69	206562	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.28%
11) 1,1-Dichloroethene-d2	2.27	63	354600	36.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.10%
21) 2-Butanone-d5	4.19	46	411072	98.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.58%
24) Chloroform-d	4.64	84	411883	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
26) 1,2-Dichloroethane-d4	5.31	65	274962	51.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.30%
32) Benzene-d6	5.34	84	914364	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.70%
36) 1,2-Dichloropropane-d6	6.33	67	307279	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.08%
41) Toluene-d8	7.56	98	775608	46.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.74%
43) trans-1,3-Dichloropropene-	7.85	79	127369	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.31	63	294961	98.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	395978	48.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	268879	52.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.68%

Target Compounds

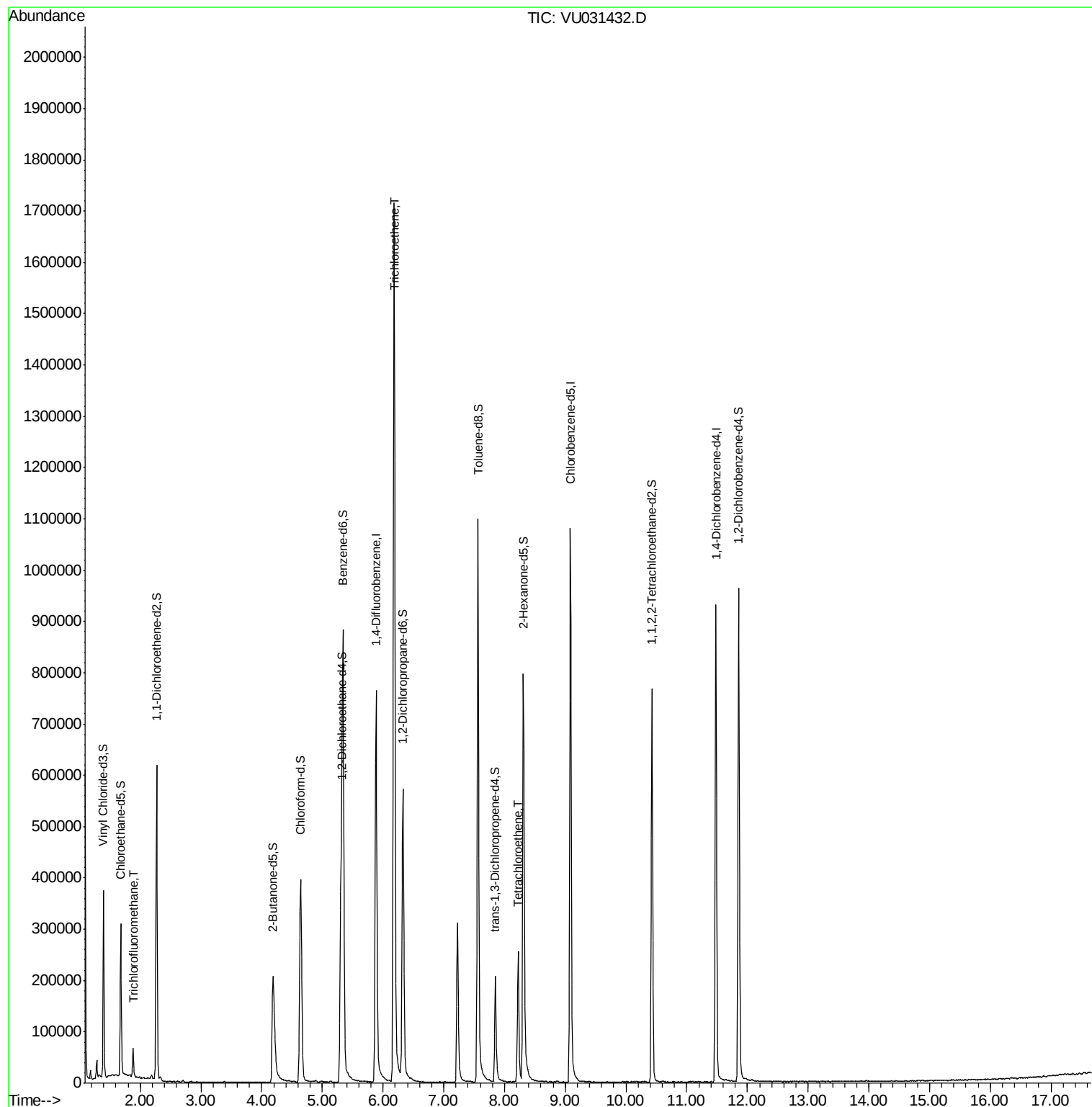
					Ovalue
9) Trichlorofluoromethane	1.88	101	29928	4.073 ug/L	99
34) Trichloroethene	6.18	95	638262	129.844 ug/L	96
46) Tetrachloroethene	8.22	164	62281	17.865 ug/L	94

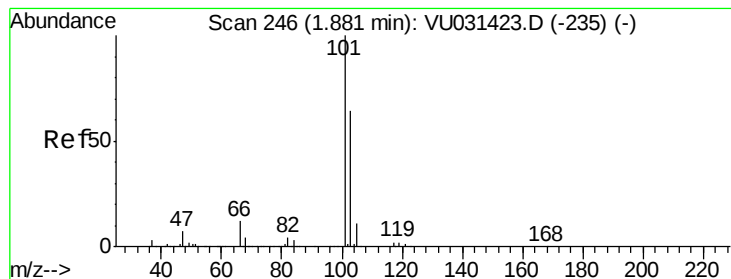
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031432.D
Acq On : 23 Apr 2019 12:53
Operator : JC/SP
Sample : K2428-15 20X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Quant Time: Apr 24 07:06:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 06:00:22 2019
Response via : Initial Calibration



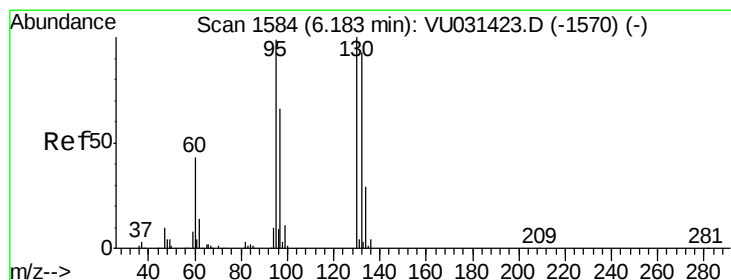
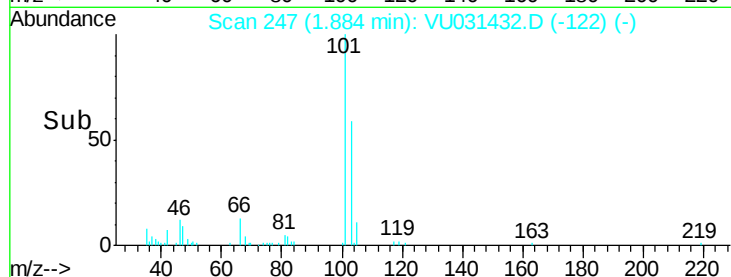
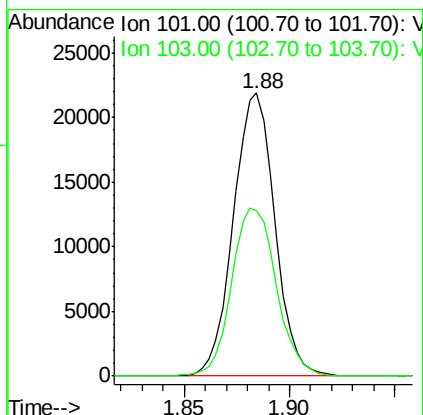
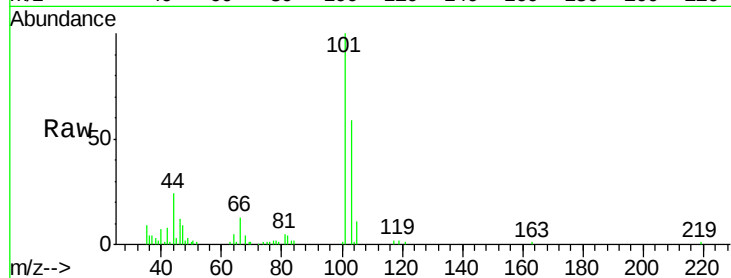


#9

Trichlorofluoromethane
Concen: 4.073 ug/L
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031432.D
Acq: 23 Apr 2019 12:53

Instrument :
MSVOA_U
ClientSampleId :
C0X16

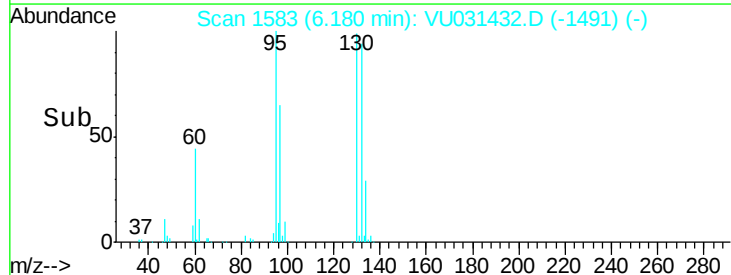
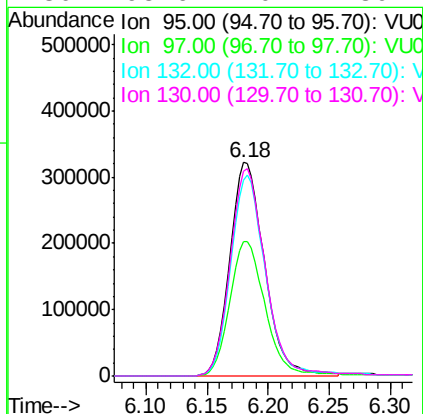
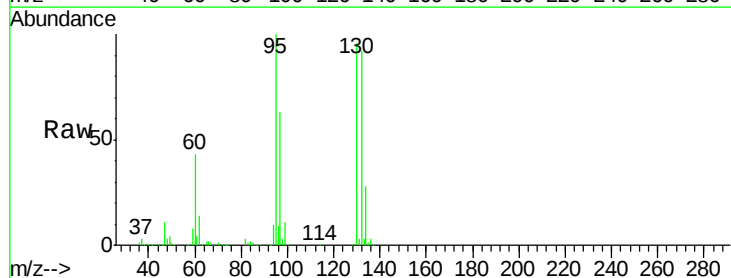
Tot Ion:101 Resp: 29928
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

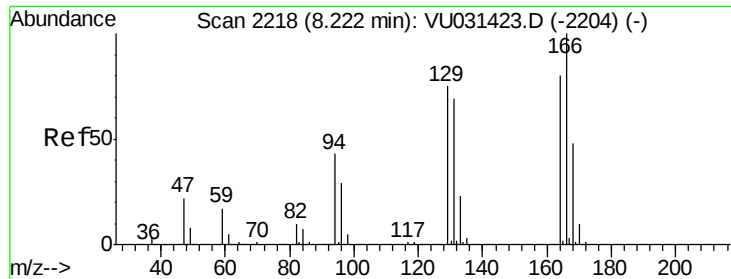


#34

Trichloroethene
Concen: 129.844 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU031432.D
Acq: 23 Apr 2019 12:53

Tgt Ion: 95 Resp: 638262
Ion Ratio Lower Upper
95 100
97 62.9 44.9 83.5
132 91.6 68.0 126.2
130 95.6 70.1 130.1





#46

Tetrachloroethene

Concen: 17.865 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031432.D

Acq: 23 Apr 2019 12:53

Instrument :
MSVOA_U
ClientSampleId :
C0X16

Tot Ion:164 Resp: 62281

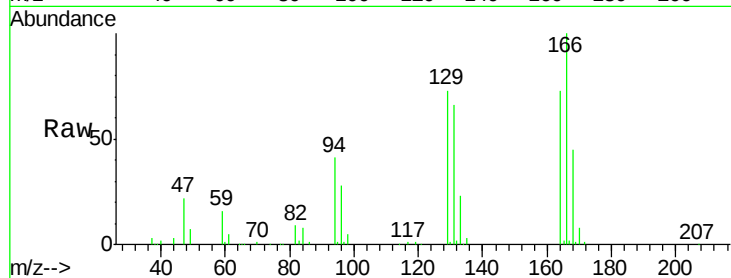
Ion Ratio Lower Upper

164 100

129 100.0 65.2 121.0

131 90.3 61.4 114.0

166 136.3 89.2 165.6



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

