

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042219\
 Data File : VU031395.D
 Acq On : 22 Apr 2019 15:39
 Operator : JC/SP
 Sample : K2428-14DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X14DL

Quant Time: Apr 23 02:03:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:59:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	642209	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	581221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	202451	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	210181	35.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.08%
7) Chloroethane-d5	1.68	69	183881	35.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.62%
11) 1,1-Dichloroethene-d2	2.27	63	308608	26.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.68%#
21) 2-Butanone-d5	4.19	46	418285	97.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.11%
24) Chloroform-d	4.64	84	394375	39.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	5.31	65	248624	40.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.82%
32) Benzene-d6	5.34	84	821526	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
36) 1,2-Dichloropropane-d6	6.33	67	278284	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.34%
41) Toluene-d8	7.56	98	723817	44.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.54%
43) trans-1,3-Dichloropropene-	7.85	79	116428	40.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.68%
47) 2-Hexanone-d5	8.31	63	309297	109.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	298123	36.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	210706	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%

Target Compounds

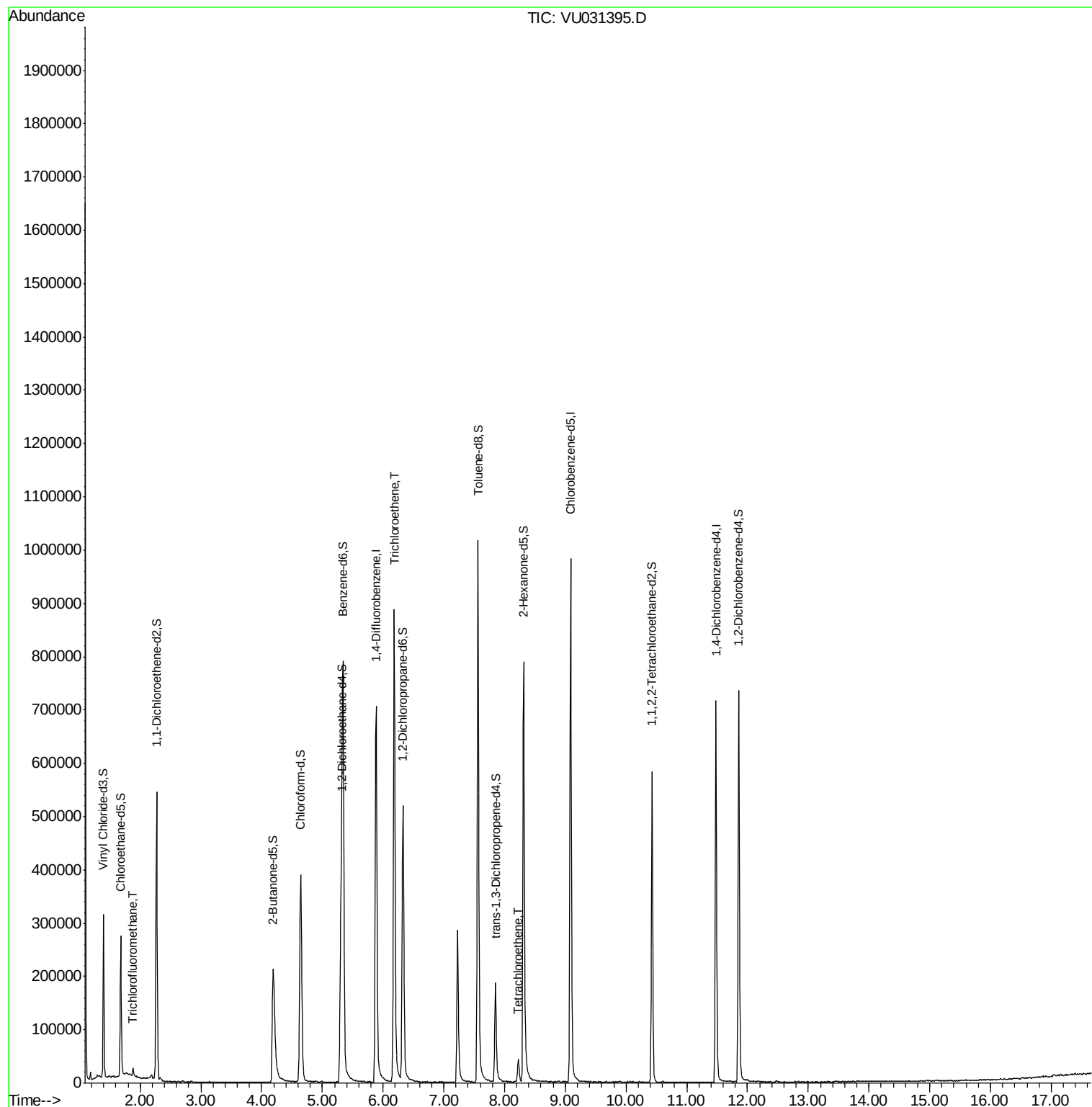
					Ovalue
9) Trichlorofluoromethane	1.88	101	5123	0.524 ug/L	90
34) Trichloroethene	6.18	95	332716	68.022 ug/L	97
46) Tetrachloroethene	8.22	164	11458	3.114 ug/L	95

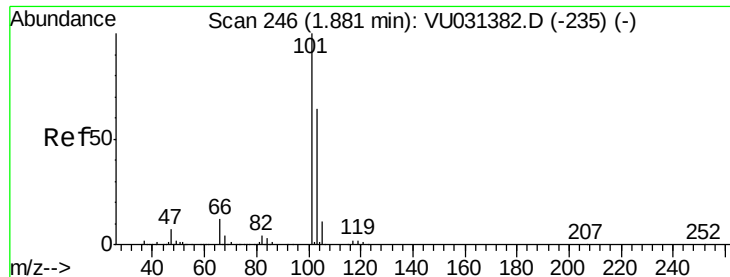
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042219\
Data File : VU031395.D
Acq On : 22 Apr 2019 15:39
Operator : JC/SP
Sample : K2428-14DL 100X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X14DL

Quant Time: Apr 23 02:03:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration



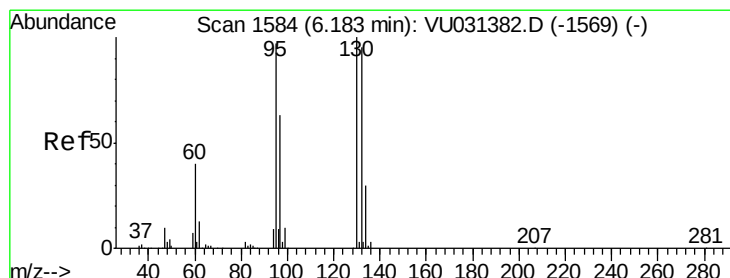
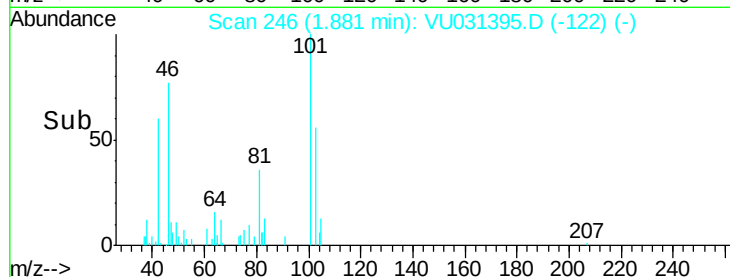
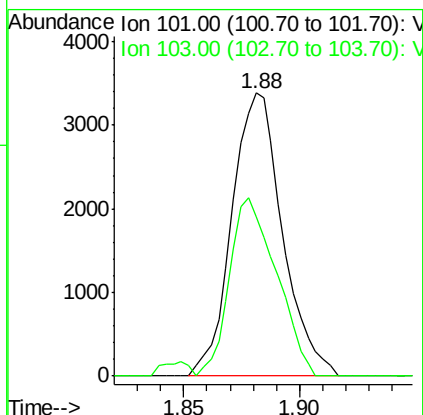
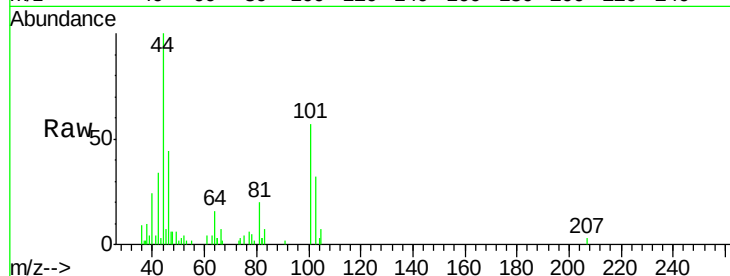


#9

Trichlorofluoromethane
Concen: 0.524 ug/L
RT: 1.88 min Scan# 246
Delta R.T. 0.00 min
Lab File: VU031395.D
Acq: 22 Apr 2019 15:39

Instrument :
MSVOA_U
ClientSampleId :
C0X14DL

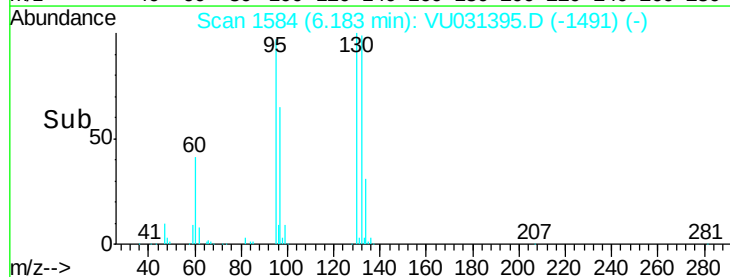
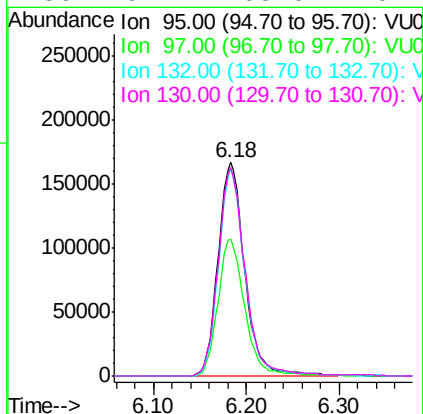
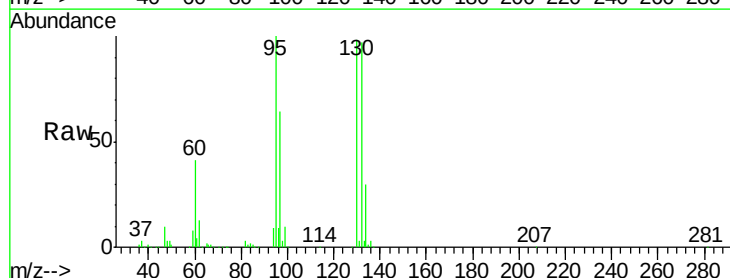
Tot Ion:101 Resp: 5123
Ion Ratio Lower Upper
101 100
103 58.4 53.0 79.6

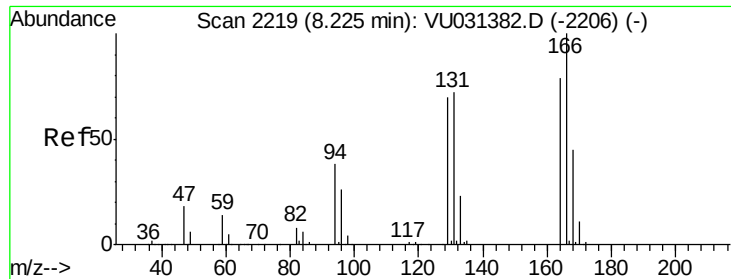


#34

Trichloroethene
Concen: 68.022 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031395.D
Acq: 22 Apr 2019 15:39

Tgt Ion: 95 Resp: 332716
Ion Ratio Lower Upper
95 100
97 63.9 43.6 81.0
132 96.9 64.5 119.7
130 97.7 68.0 126.2





#46

Tetrachloroethene

Concen: 3.114 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031395.D

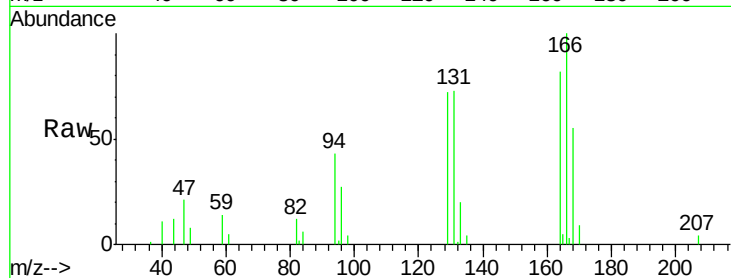
Acq: 22 Apr 2019 15:39

Instrument :

MSVOA_U

ClientSampleId :

C0X14DL



Tot Ion:164 Resp: 11458

Ion Ratio Lower Upper

164 100

129 88.0 66.5 123.5

131 88.6 62.3 115.7

166 121.5 90.6 168.3

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

