

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031413.D
 Acq On : 23 Apr 2019 00:48
 Operator : JC/SP
 Sample : K2477-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X64

Quant Time: Apr 23 05:10:47 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	681443	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	604282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	251221	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	281478	50.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.96%
7) Chloroethane-d5	1.68	69	226804	53.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.90%
11) 1,1-Dichloroethene-d2	2.27	63	391969	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.62%
21) 2-Butanone-d5	4.19	46	445250	107.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.86%
24) Chloroform-d	4.64	84	448919	51.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.04%
26) 1,2-Dichloroethane-d4	5.31	65	281028	53.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.64%
32) Benzene-d6	5.34	84	977281	55.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.96%
36) 1,2-Dichloropropane-d6	6.33	67	315877	56.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.46%
41) Toluene-d8	7.56	98	854068	54.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.56%
43) trans-1,3-Dichloropropene-	7.85	79	131457	51.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.72%
47) 2-Hexanone-d5	8.31	63	321265	114.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	390452	51.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.48%
64) 1,2-Dichlorobenzene-d4	11.85	152	277716	54.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.16%

Target Compounds

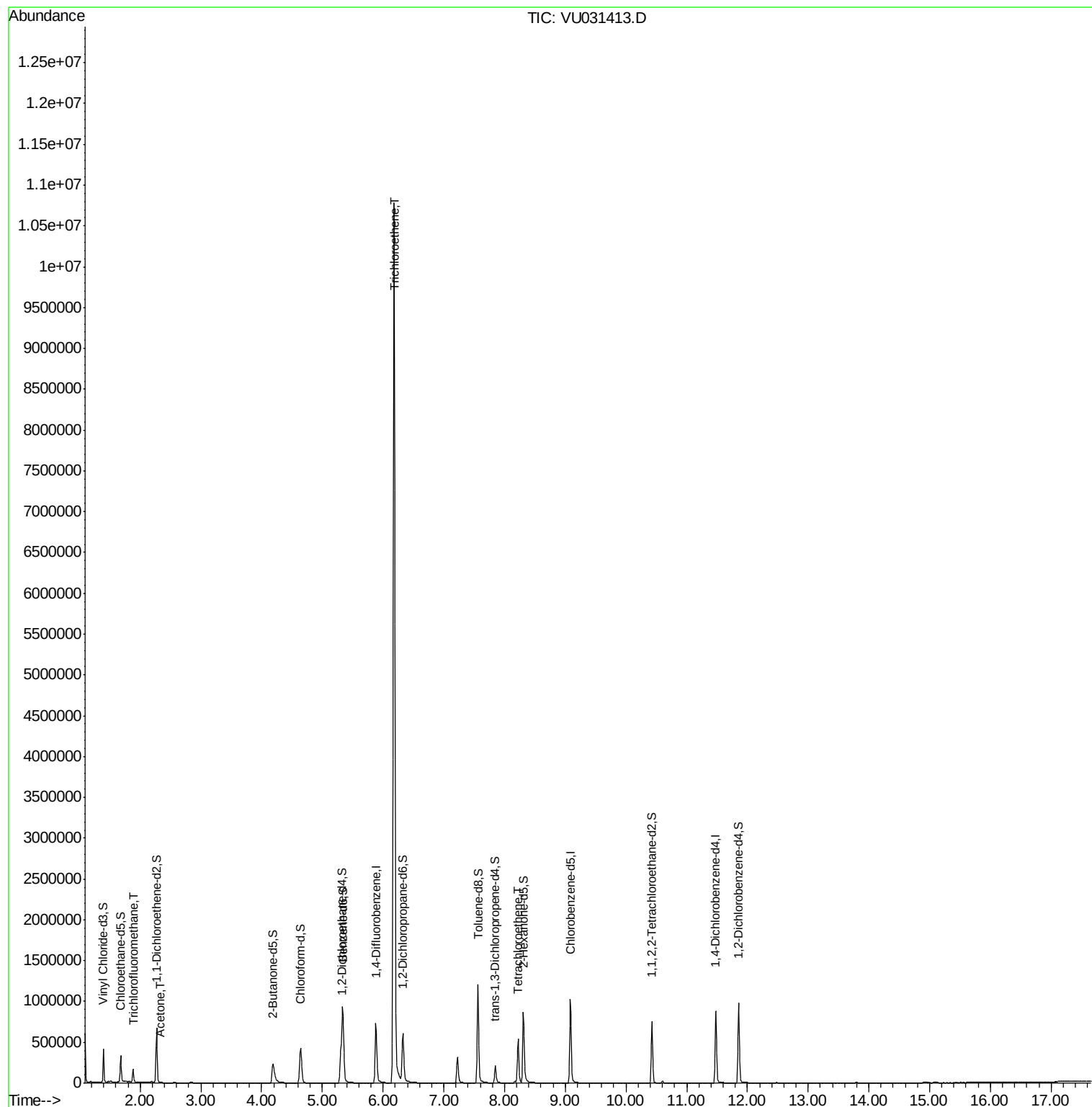
					Ovalue
9) Trichlorofluoromethane	1.88	101	93229	12.816	ug/L 100
13) Acetone	2.34	43	9087	2.804	ug/L 99
34) Trichloroethene	6.18	95	4003376	864.404	ug/L 99
46) Tetrachloroethene	8.22	164	132124	40.224	ug/L 96

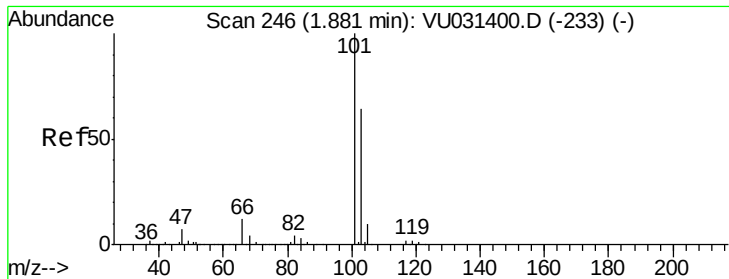
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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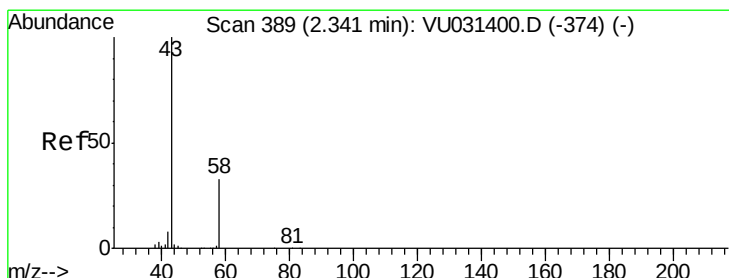
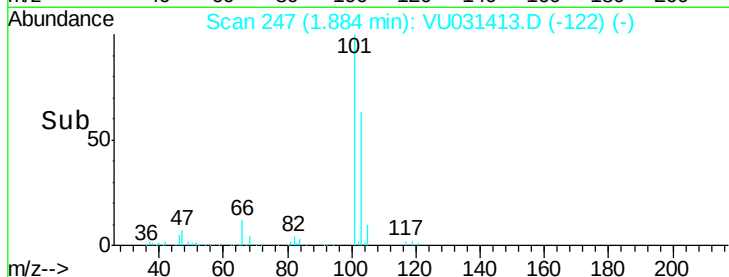
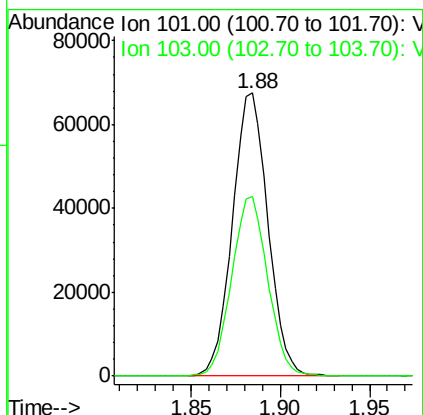
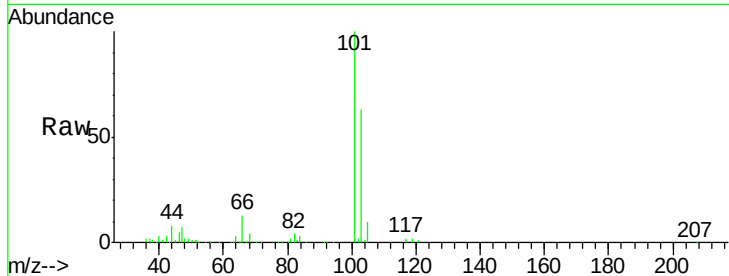


#9

Trichlorofluoromethane
 Concen: 12.816 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031413.D
 Acq: 23 Apr 2019 00:48

Instrument :
 MSVOA_U
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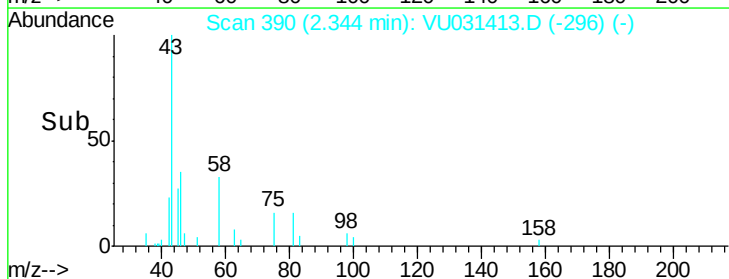
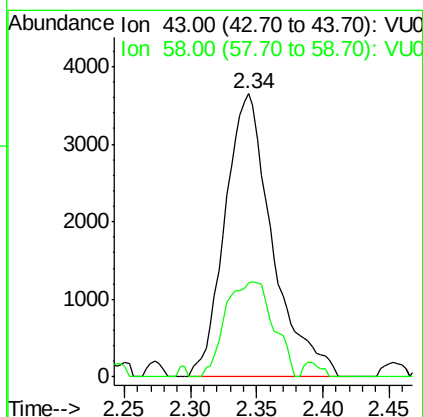
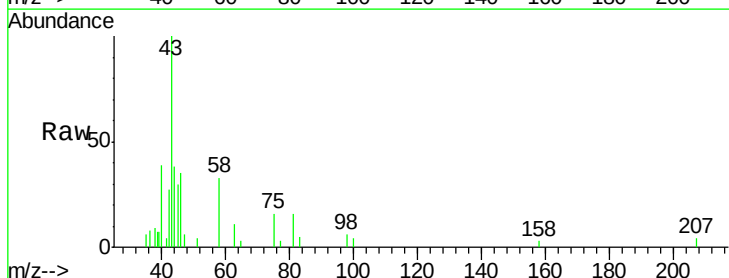
Tot Ion:101 Resp: 93229
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

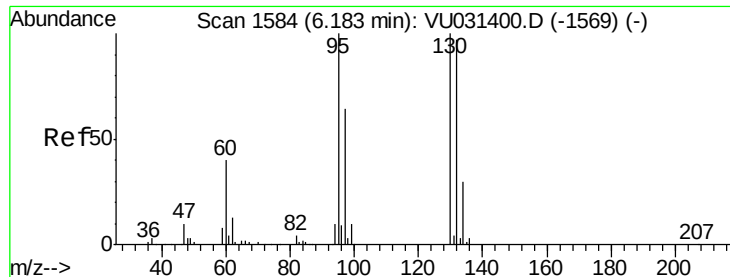


#13

Acetone
 Concen: 2.804 ug/L
 RT: 2.34 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU031413.D
 Acq: 23 Apr 2019 00:48

Tgt Ion: 43 Resp: 9087
 Ion Ratio Lower Upper
 43 100
 58 33.9 0.0 66.4





#34

Trichloroethene

Concen: 864.404 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031413.D

Acq: 23 Apr 2019 00:48

Instrument :

MSVOA_U

ClientSampleId :

C0X64

Tot Ion: 95 Resp: 4003376

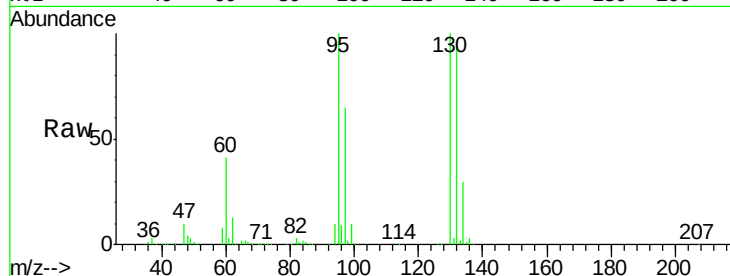
Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.5

132 95.7 68.0 126.2

130 99.7 70.1 130.1

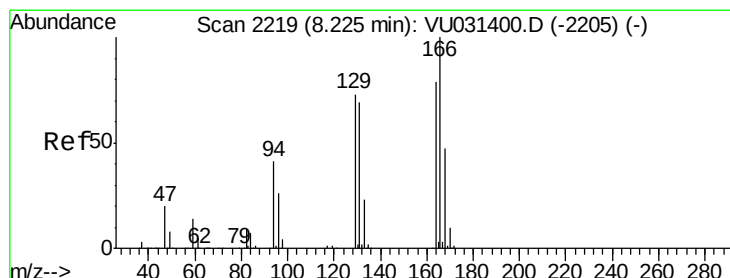
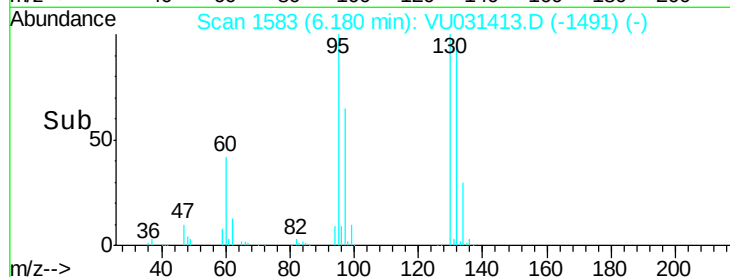
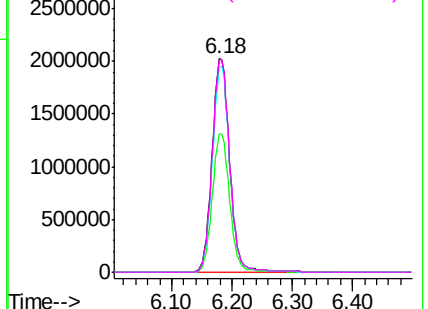


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 40.224 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU031413.D

Acq: 23 Apr 2019 00:48

Tgt Ion:164 Resp: 132124

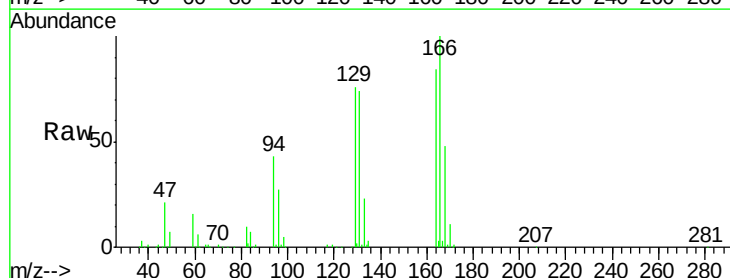
Ion Ratio Lower Upper

164 100

129 89.7 65.2 121.0

131 87.7 61.4 114.0

166 118.8 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

