

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031582.D
 Acq On : 29 Apr 2019 13:36
 Operator : JC/SP
 Sample : K2536-17 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

Quant Time: Apr 30 03:03:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	670347	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	654709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	245108	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	351644	62.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	125.36%
7) Chloroethane-d5	1.68	69	256698	59.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.42%
11) 1,1-Dichloroethene-d2	2.27	63	487439	43.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.26%
21) 2-Butanone-d5	4.19	46	547261	107.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.66%
24) Chloroform-d	4.64	84	512173	49.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.70%
26) 1,2-Dichloroethane-d4	5.31	65	344843	51.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.74%
32) Benzene-d6	5.34	84	1036758	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
36) 1,2-Dichloropropane-d6	6.32	67	358985	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.50%
41) Toluene-d8	7.56	98	842709	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%
43) trans-1,3-Dichloropropene-	7.85	79	148188	48.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.62%
47) 2-Hexanone-d5	8.31	63	304811	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	450691	47.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	267076	51.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.62%

Target Compounds

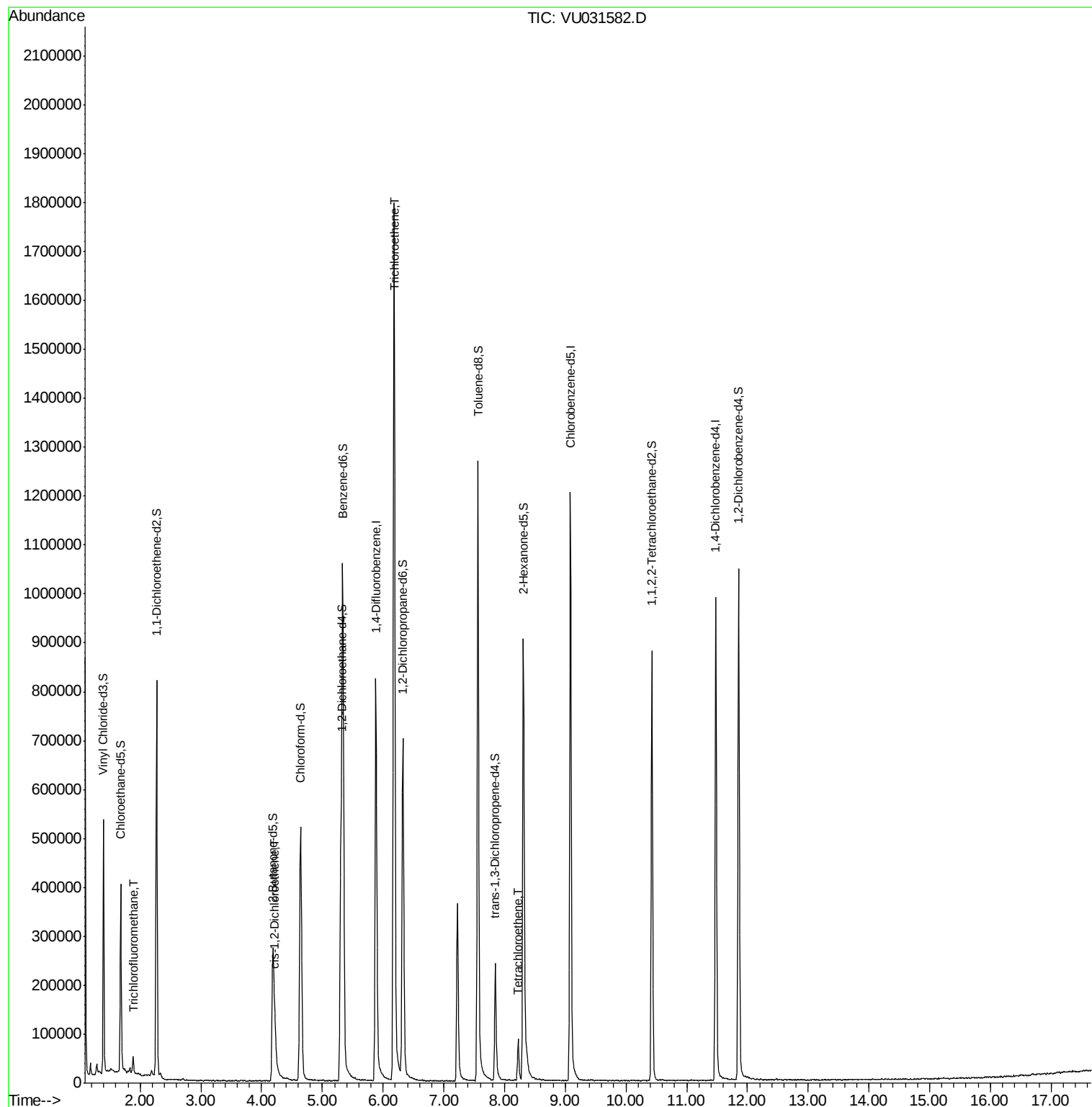
					Ovalue
9) Trichlorofluoromethane	1.88	101	15366	1.617 ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	12629	2.160 ug/L	97
34) Trichloroethene	6.18	95	678645	116.308 ug/L	96
46) Tetrachloroethene	8.22	164	17510	4.402 ug/L	96

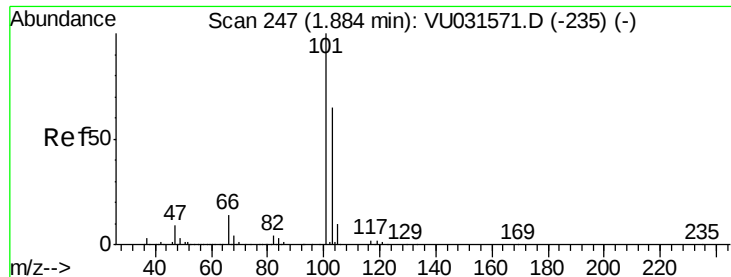
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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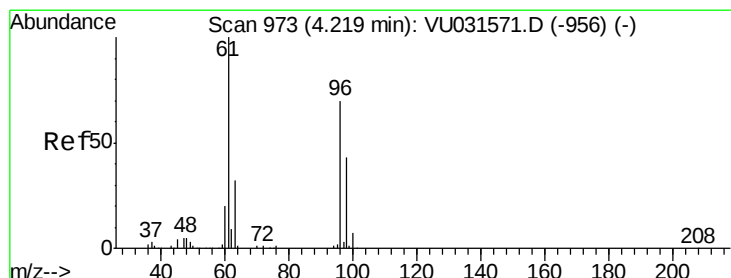
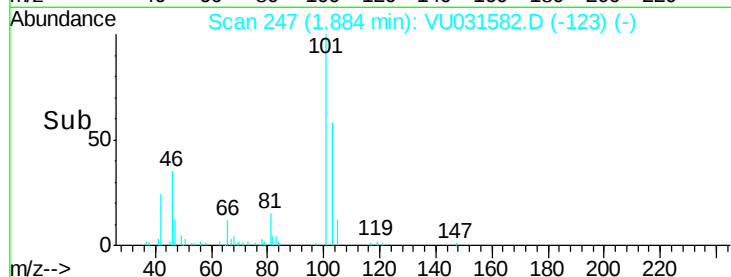
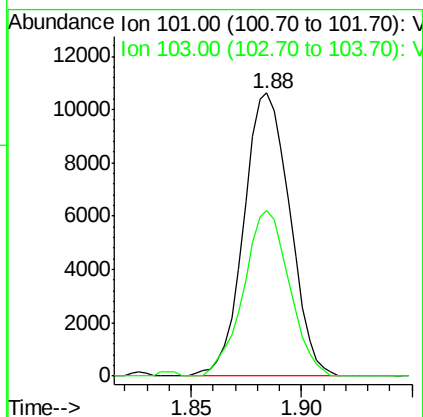
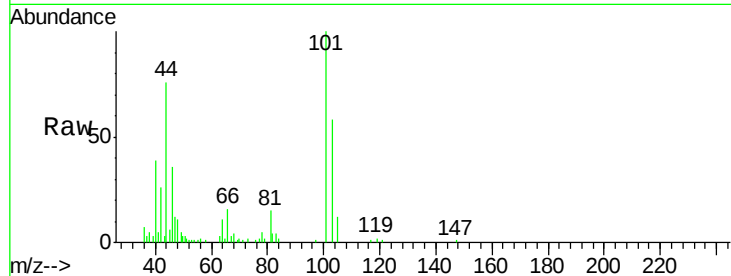


#9

Trichlorofluoromethane
 Concen: 1.617 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031582.D
 Acq: 29 Apr 2019 13:36

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X05

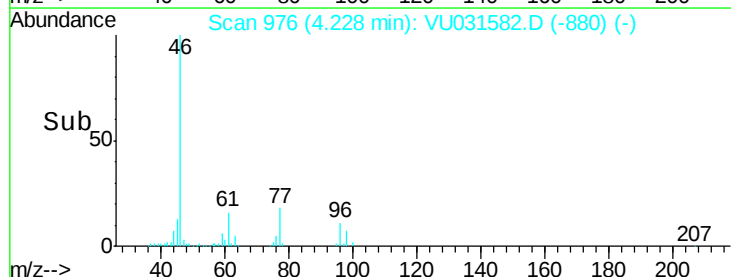
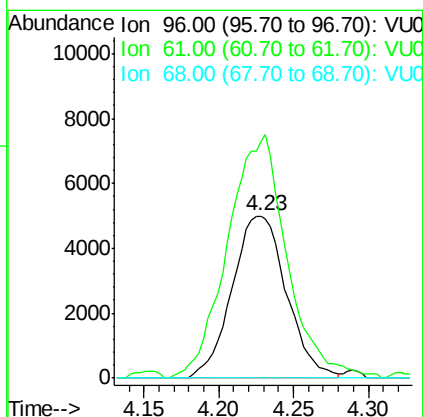
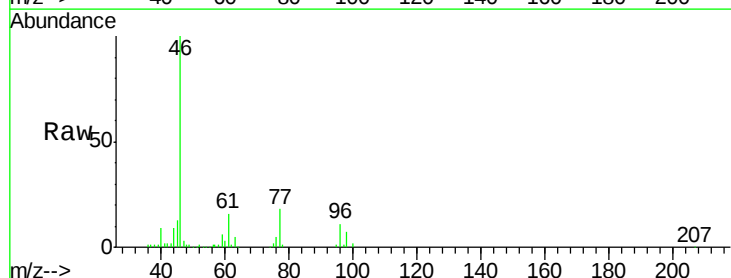
Tot Ion:101 Resp: 15366
 Ion Ratio Lower Upper
 101 100
 103 58.1 50.8 76.2

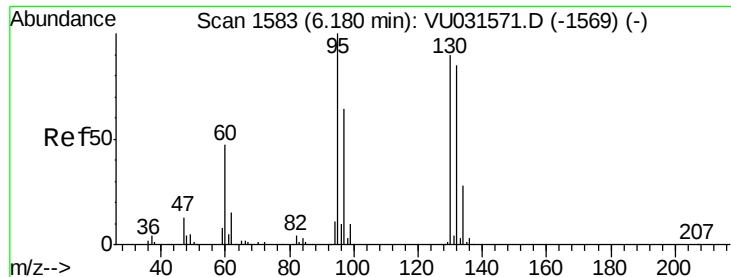


#20

cis-1,2-Dichloroethene
 Concen: 2.160 ug/L
 RT: 4.23 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VU031582.D
 Acq: 29 Apr 2019 13:36

Tgt Ion: 96 Resp: 12629
 Ion Ratio Lower Upper
 96 100
 61 145.9 99.5 184.7
 68 0.0 0.0 0.0

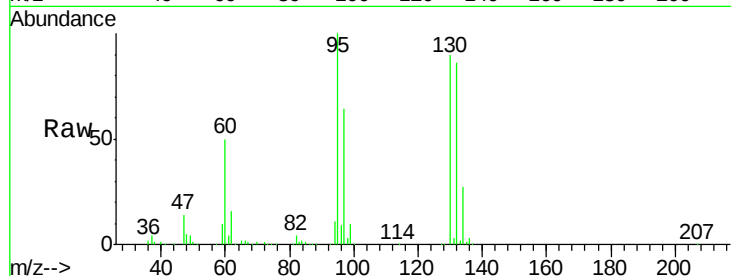




#34
 Trichloroethene
 Concen: 116.308 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031582.D
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Tot Ion:	95	Resp:	678645
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.8	83.2
132	85.8	63.1	117.1
130	89.8	66.5	123.5



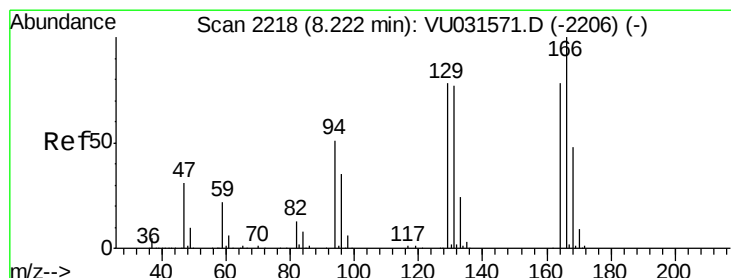
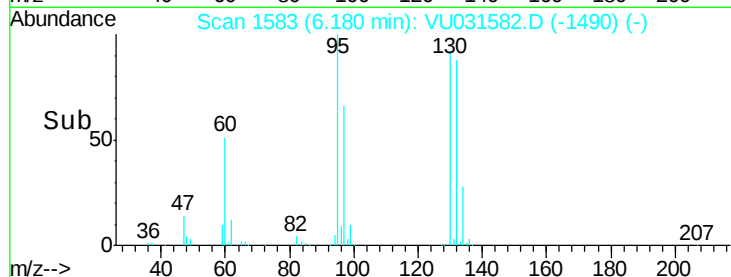
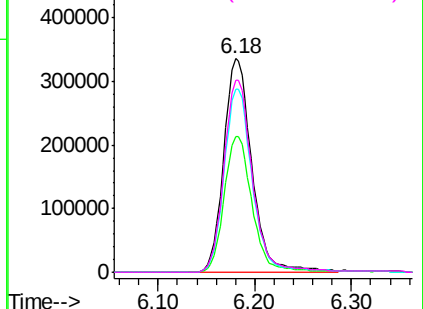
Abundance

Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031571.D (-1569) (-)

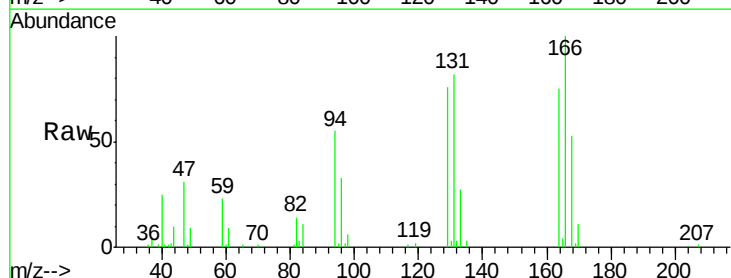
Ion 132.00 (131.70 to 132.70): VU031571.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031571.D (-1569) (-)



#46
 Tetrachloroethene
 Concen: 4.402 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031582.D
 Acq: 29 Apr 2019 13:36

Tgt Ion:	164	Resp:	17510
Ion	Ratio	Lower	Upper
164	100		
129	100.7	71.5	132.9
131	108.7	69.0	128.2
166	132.9	93.7	173.9



Abundance

Ion 164.00 (163.70 to 164.70): VU031571.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU031571.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU031571.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU031571.D (-2206) (-)

