

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031610.D
 Acq On : 30 Apr 2019 01:13
 Operator : JC/SP
 Sample : K2592-20DL 250X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X87DL

Quant Time: Apr 30 05:24:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 04:50:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	619708	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	597992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	213411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	323971	62.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	124.92%
7) Chloroethane-d5	1.68	69	245371	61.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.44%
11) 1,1-Dichloroethene-d2	2.27	63	456221	44.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.34%
21) 2-Butanone-d5	4.19	46	525037	111.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.73%
24) Chloroform-d	4.64	84	503756	53.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.06%
26) 1,2-Dichloroethane-d4	5.31	65	348544	56.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.32%
32) Benzene-d6	5.34	84	984617	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.24%
36) 1,2-Dichloropropane-d6	6.32	67	352909	54.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.26%
41) Toluene-d8	7.56	98	818894	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.85	79	131064	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.31	63	288364	103.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	431252	49.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	240374	53.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.12%

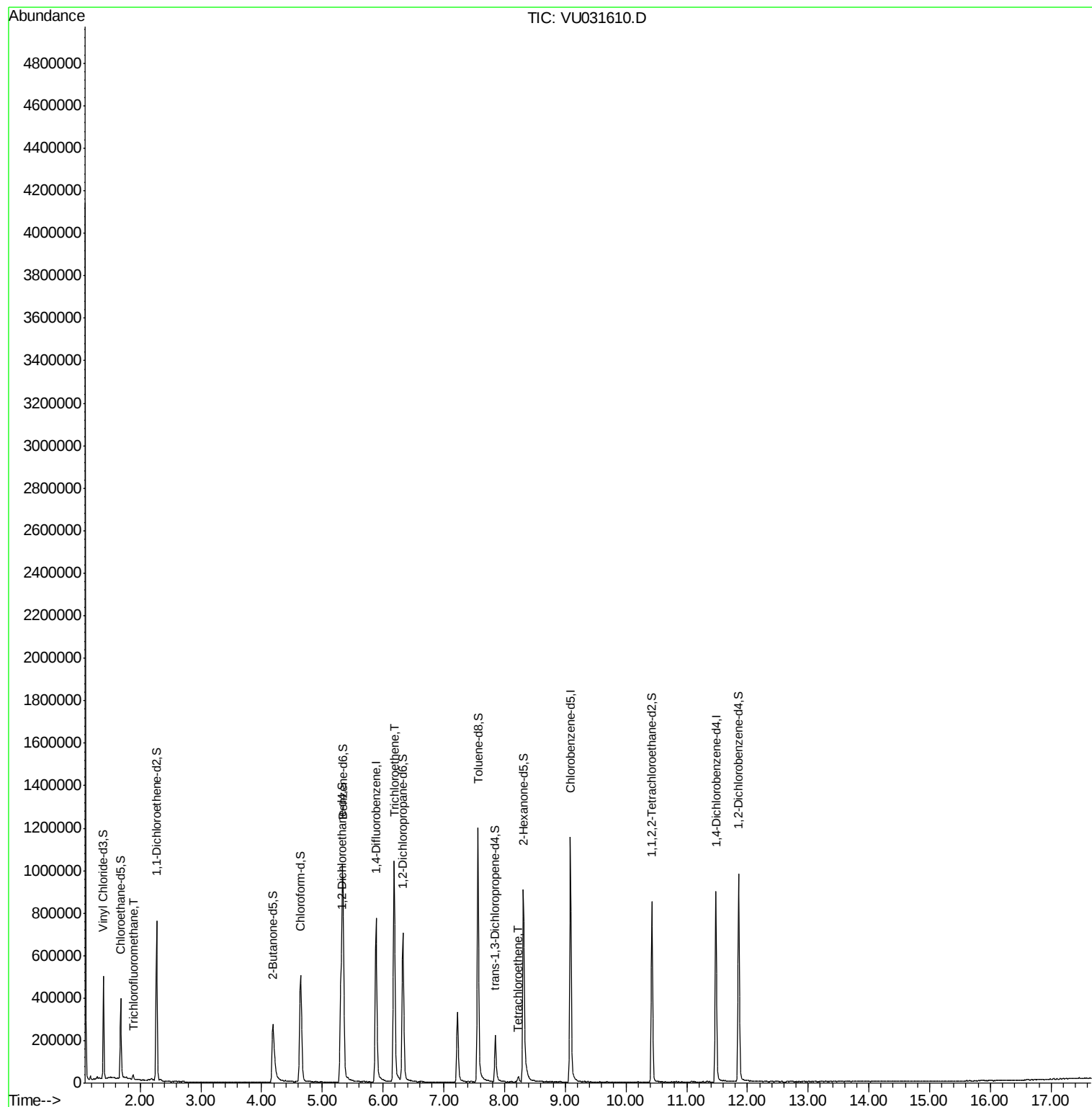
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.88	101	5123	0.583 ug/L	94
34) Trichloroethene	6.18	95	384369	72.122 ug/L	95
46) Tetrachloroethene	8.23	164	6027	1.659 ug/L	90

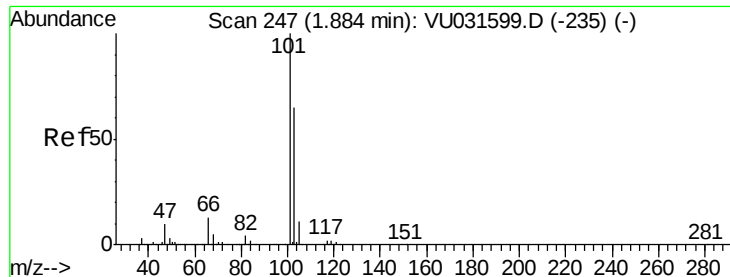
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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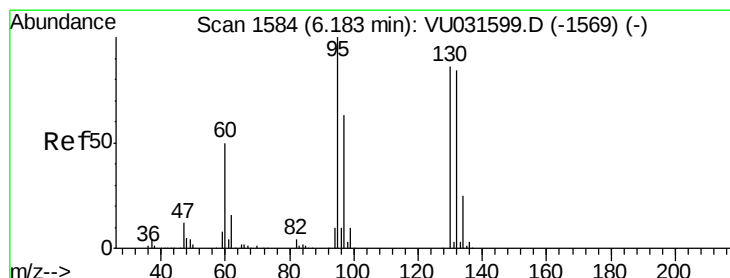
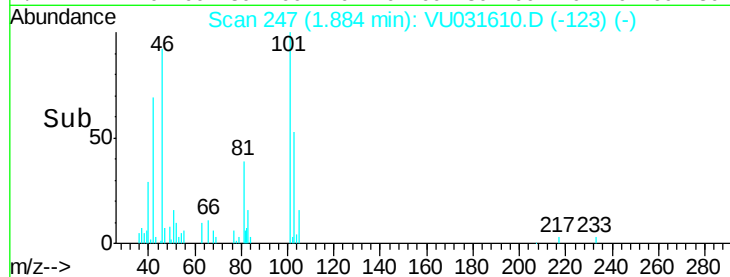
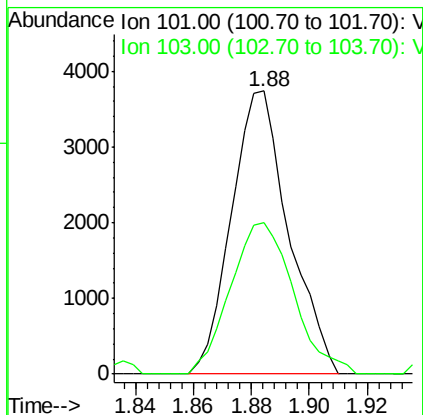
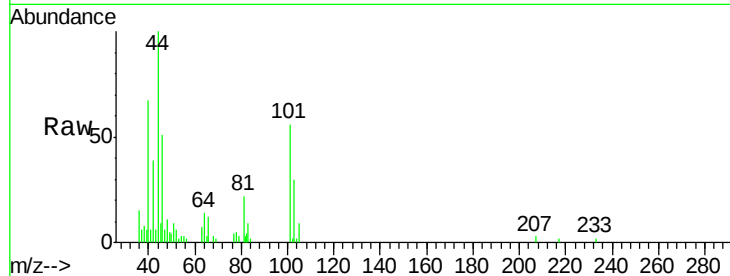


#9

Trichlorofluoromethane
 Concen: 0.583 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU031610.D
 Acq: 30 Apr 2019 01:13

Instrument :
 MSVOA_U
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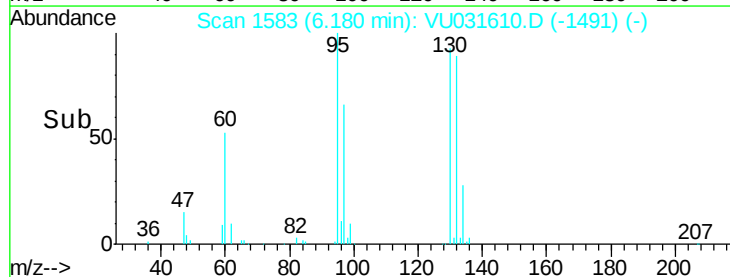
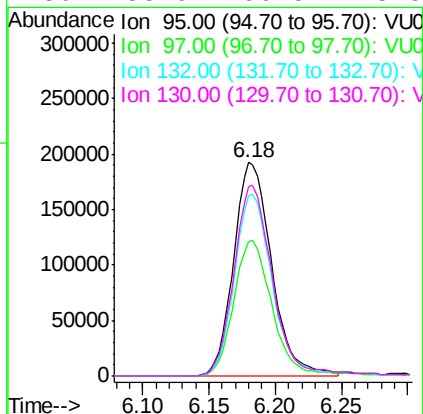
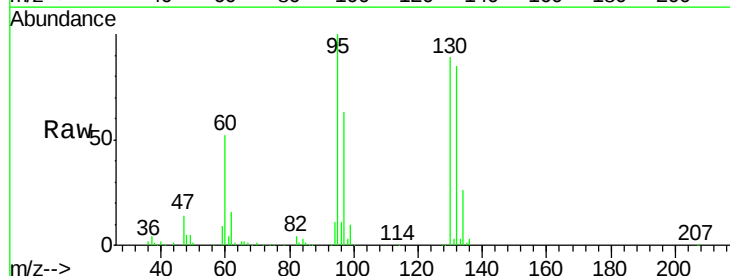
Tot Ion:101 Resp: 5123
 Ion Ratio Lower Upper
 101 100
 103 59.0 50.8 76.2

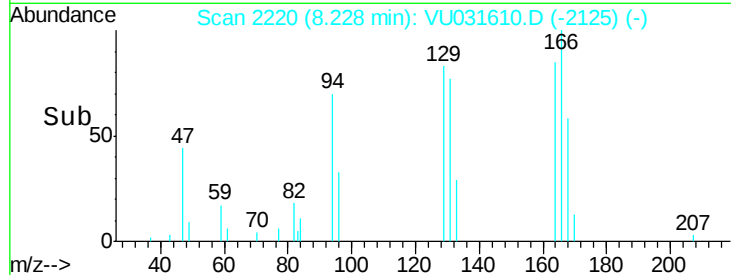
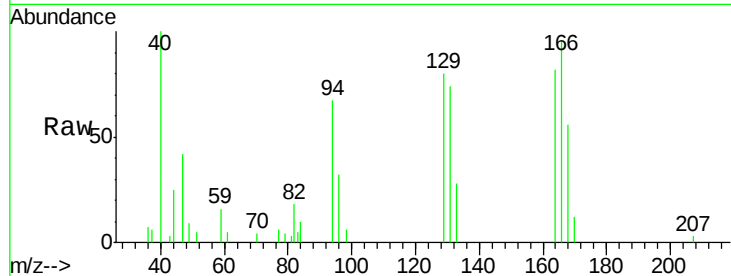
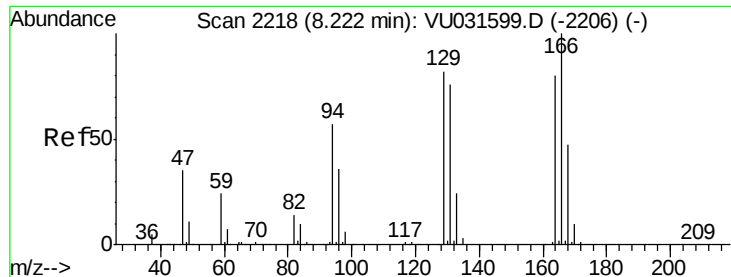


#34

Trichloroethene
 Concen: 72.122 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031610.D
 Acq: 30 Apr 2019 01:13

Tgt Ion: 95 Resp: 384369
 Ion Ratio Lower Upper
 95 100
 97 62.8 44.8 83.2
 132 84.8 63.1 117.1
 130 88.9 66.5 123.5





#46

Tetrachloroethene

Concen: 1.659 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031610.D

Acq: 30 Apr 2019 01:13

Instrument :

MSVOA_U

ClientSampleId :

C0X87DL

Tot Ion:164 Resp: 6027

Ion Ratio Lower Upper

164 100

129 97.5 71.5 132.9

131 90.1 69.0 128.2

166 117.1 93.7 173.9

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

