

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042319\
 Data File : VU031426.D
 Acq On : 23 Apr 2019 10:34
 Operator : JC/SP
 Sample : K2477-03RE
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X52RE

Quant Time: Apr 24 06:46:59 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	615423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	569252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238836	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	216219	43.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.72%
7) Chloroethane-d5	1.68	69	178653	47.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.10%
11) 1,1-Dichloroethene-d2	2.27	63	306293	35.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.62%
21) 2-Butanone-d5	4.19	46	357053	95.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.77%
24) Chloroform-d	4.64	84	353124	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
26) 1,2-Dichloroethane-d4	5.31	65	219647	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
32) Benzene-d6	5.34	84	736104	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.52%
36) 1,2-Dichloropropane-d6	6.32	67	242216	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.54%
41) Toluene-d8	7.56	98	650206	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	7.85	79	106121	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
47) 2-Hexanone-d5	8.31	63	244891	92.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.37%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	325929	45.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	228061	46.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.42%

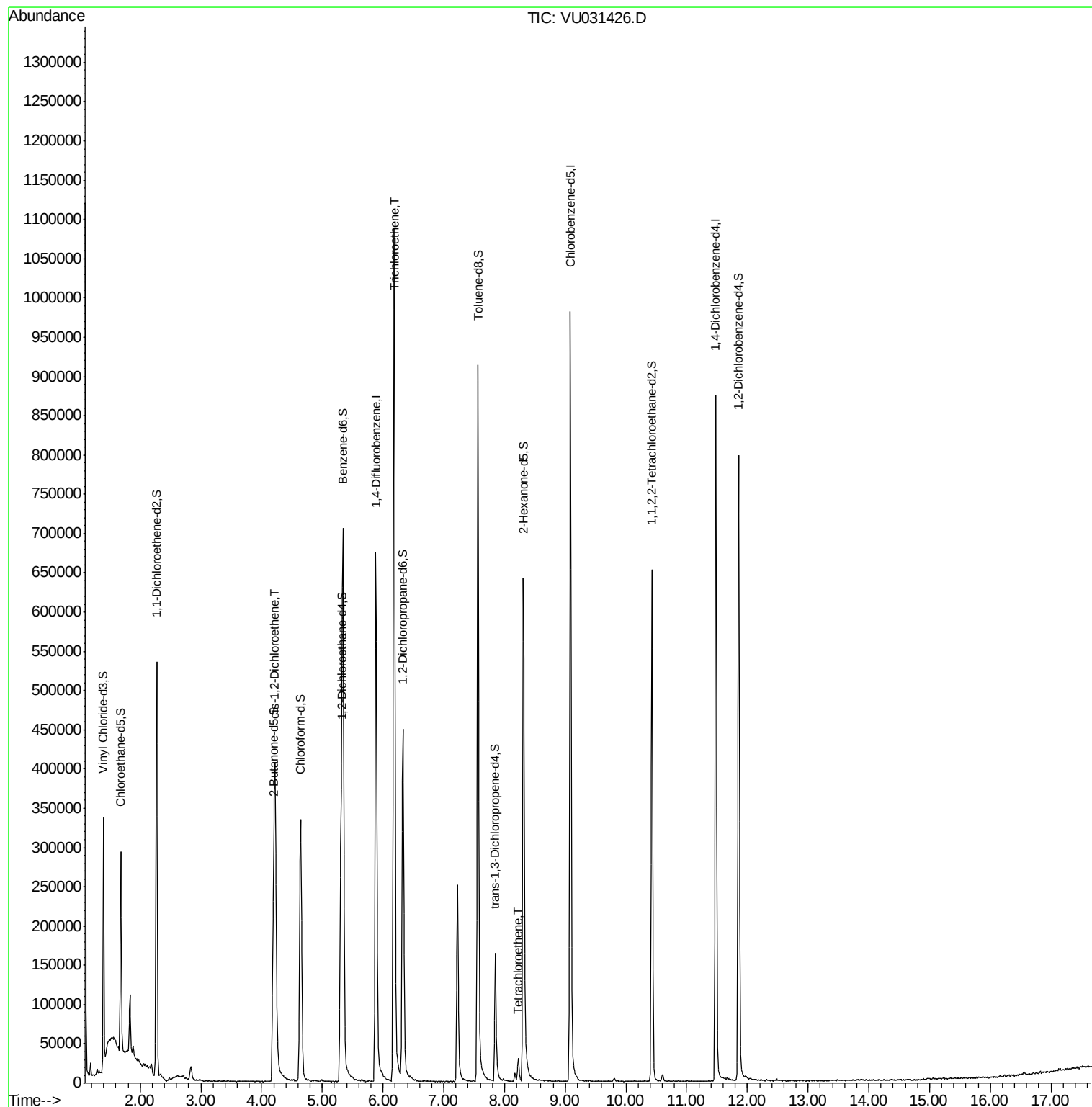
Target Compounds					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	180705	41.187 ug/L	97
34) Trichloroethene	6.18	95	403547	92.495 ug/L	98
46) Tetrachloroethene	8.22	164	8073	2.609 ug/L	94

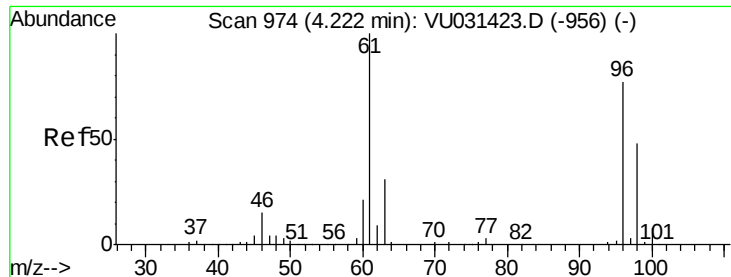
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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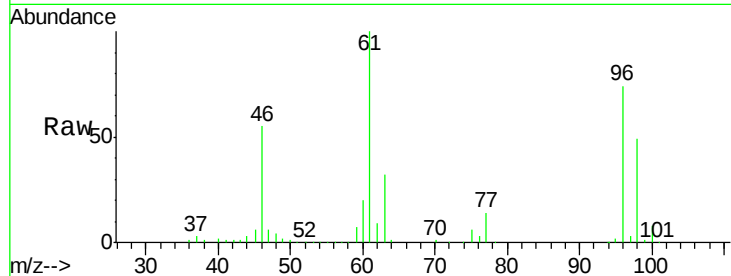


#20

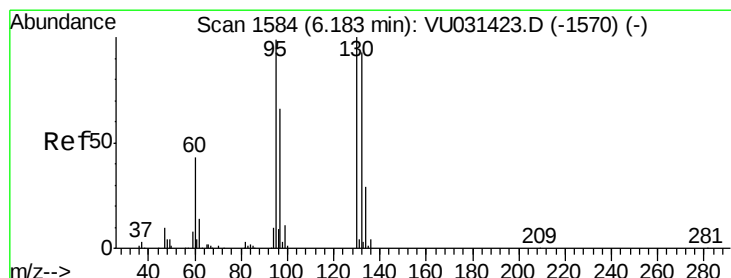
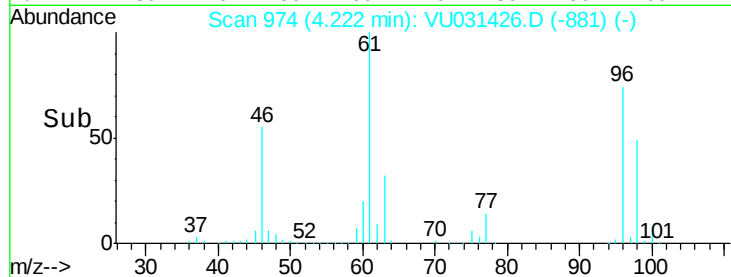
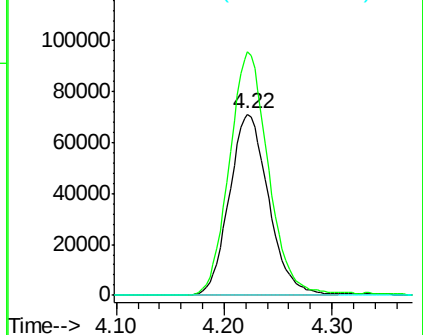
cis-1,2-Dichloroethene
Concen: 41.187 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU031426.D
Acq: 23 Apr 2019 10:34

Instrument :
MSVOA_U
ClientSampleId :
C0X52RE

Tot Ion: 96 Resp: 180705
Ion Ratio Lower Upper
96 100
61 134.5 91.9 170.7
68 0.0 0.0 0.0



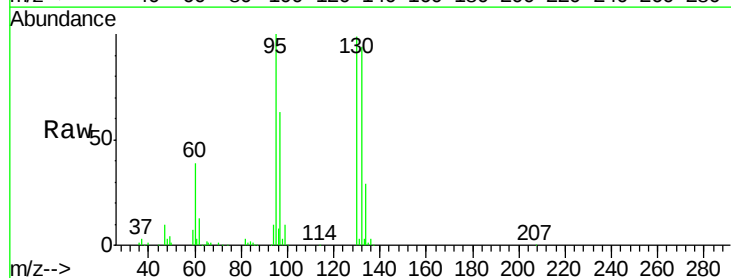
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



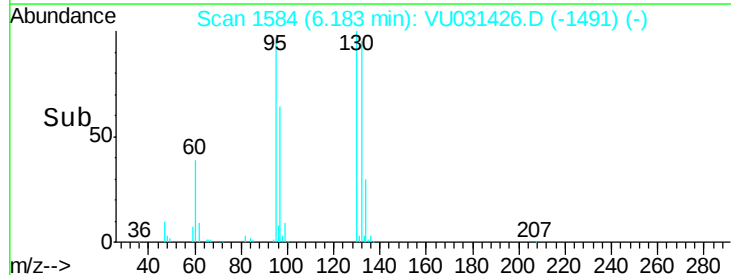
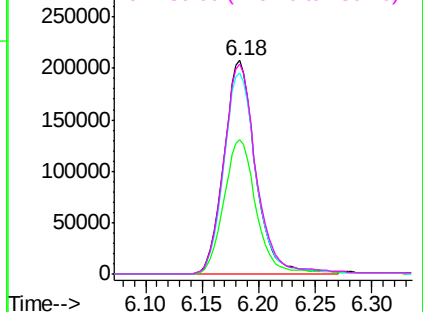
#34

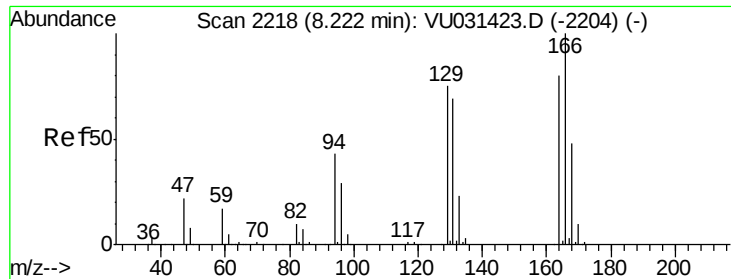
Trichloroethene
Concen: 92.495 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031426.D
Acq: 23 Apr 2019 10:34

Tgt Ion: 95 Resp: 403547
Ion Ratio Lower Upper
95 100
97 62.9 44.9 83.5
132 94.0 68.0 126.2
130 98.6 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: 2.609 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031426.D

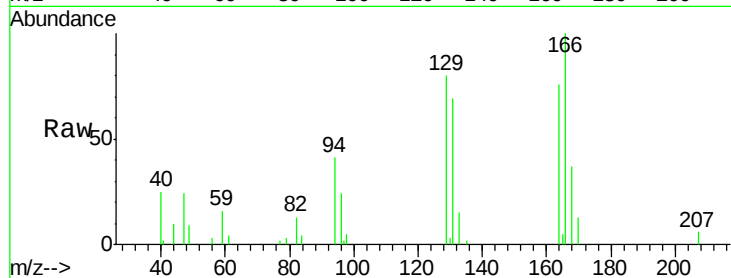
Acq: 23 Apr 2019 10:34

Instrument :

MSVOA_U

ClientSampleId :

C0X52RE



Tot Ion:164 Resp: 8073

Ion Ratio Lower Upper

164 100

129 104.4 65.2 121.0

131 89.8 61.4 114.0

166 131.2 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

