

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031586.D
 Acq On : 29 Apr 2019 15:09
 Operator : JC/SP
 Sample : K2586-19DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X65DL

Manual Integrations
 APPROVED

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 4/30/2019 12:07:21 PM

Quant Time: Apr 30 03:55:27 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	662052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	639936	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243920	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	288307	52.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.06%
7) Chloroethane-d5	1.68	69	232596	54.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.64%
11) 1,1-Dichloroethene-d2	2.27	63	431367m	39.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.18%
21) 2-Butanone-d5	4.18	46	576702	114.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.87%
24) Chloroform-d	4.64	84	525495	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
26) 1,2-Dichloroethane-d4	5.31	65	361201	54.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.96%
32) Benzene-d6	5.34	84	1030512	52.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.88%
36) 1,2-Dichloropropane-d6	6.32	67	359608	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.04%
41) Toluene-d8	7.56	98	845496	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	144499	48.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.38%
47) 2-Hexanone-d5	8.31	63	327310	109.38	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	476720	51.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.76%
64) 1,2-Dichlorobenzene-d4	11.85	152	264273	51.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.04%

Target Compounds					Ovalue
13) Acetone	2.34	43	9838	1.740 ug/L	99
34) Trichloroethene	6.18	95	401566	70.410 ug/L	95
46) Tetrachloroethene	8.23	164	3703	0.952 ug/L	83

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

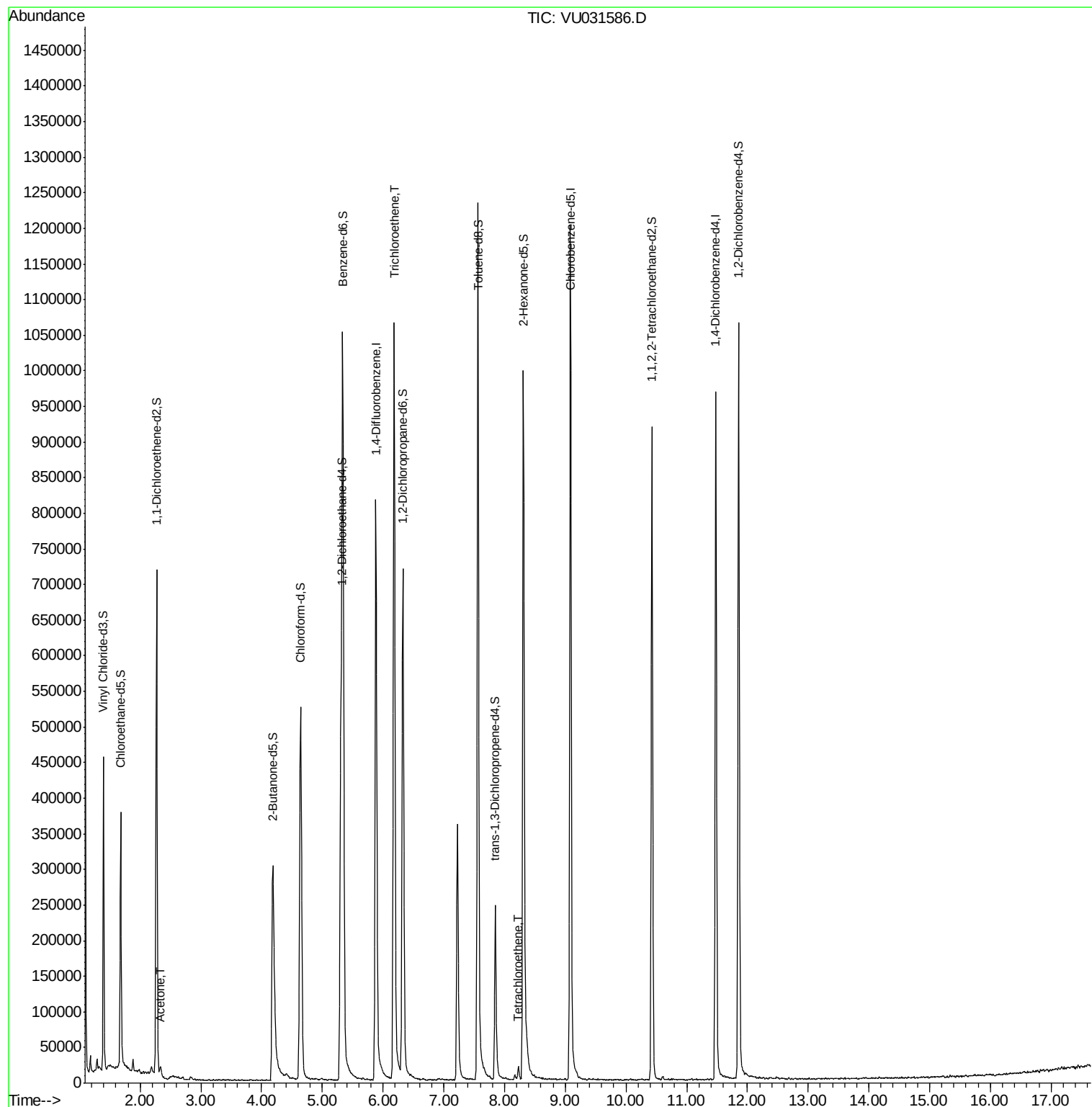
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042919\
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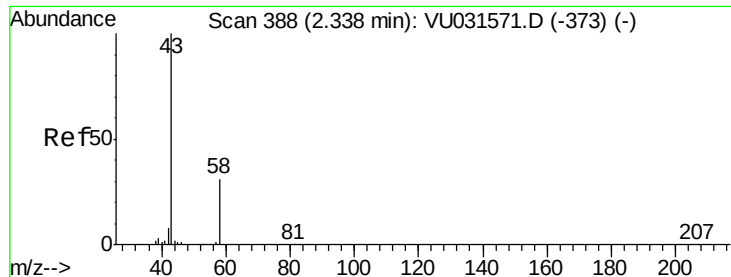
Instrument :
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QLast Update : Tue Apr 30 01:54:25 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.740 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

C0X65DL

Tot Ion: 43 Resp: 9838

Ion Ratio Lower Upper

43 100

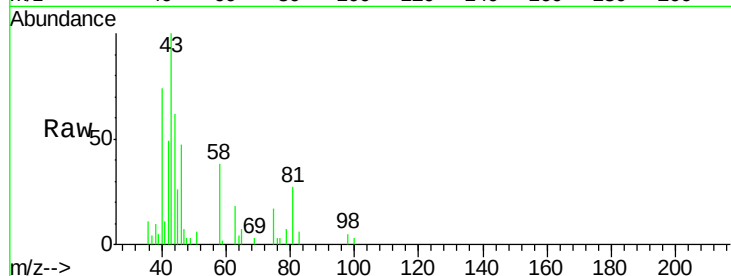
58 31.5 0.0 64.4

Manual Integrations

APPROVED

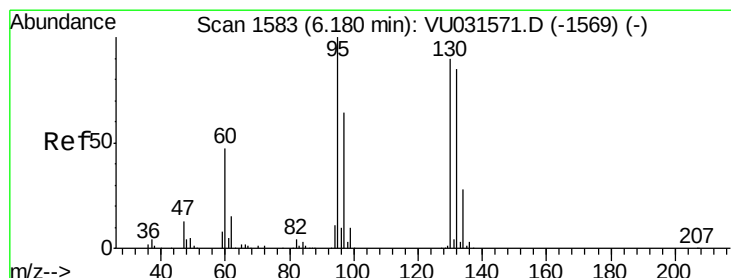
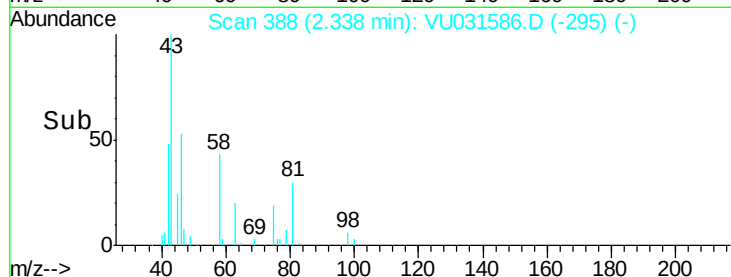
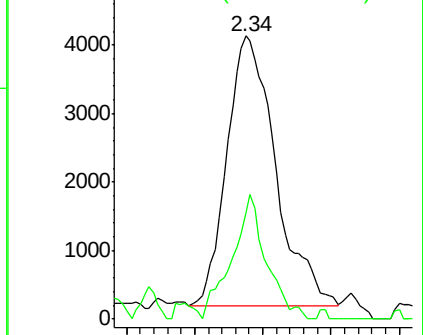
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Abundance Ion 43.00 (42.70 to 43.70): VU031571.D (-373) (-)

Ion 58.00 (57.70 to 58.70): VU031571.D (-373) (-)



#34

Trichloroethene

Concen: 70.410 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031586.D

Acq: 29 Apr 2019 15:09

Tgt Ion: 95 Resp: 401566

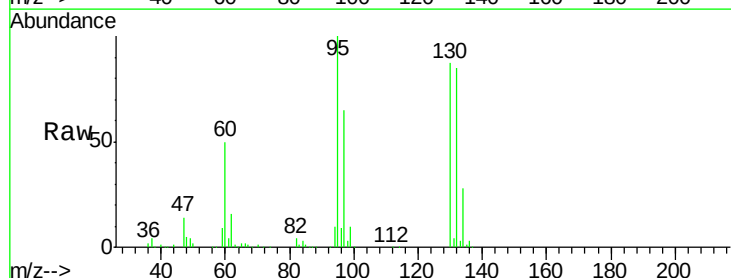
Ion Ratio Lower Upper

95 100

97 64.6 44.8 83.2

132 84.8 63.1 117.1

130 86.9 66.5 123.5

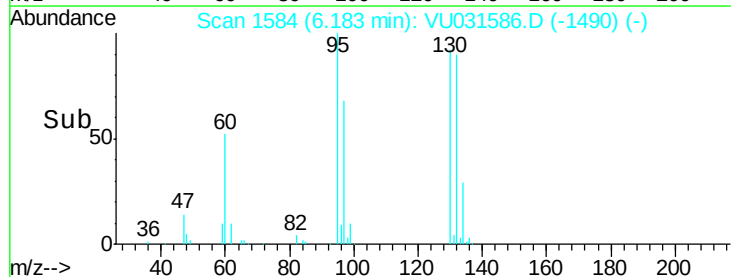
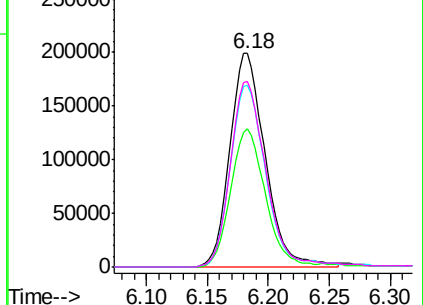


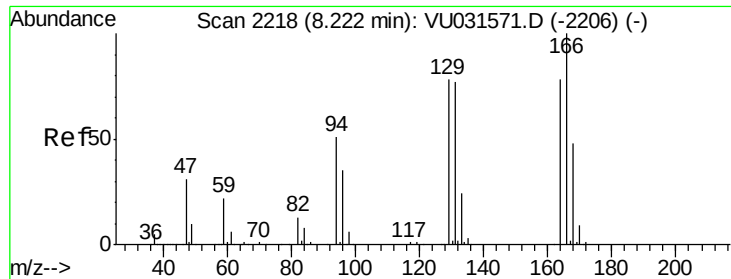
Abundance Ion 95.00 (94.70 to 95.70): VU031571.D (-1569) (-)

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) (-)





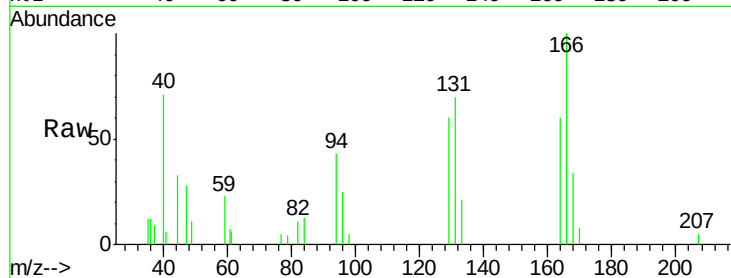
#46
 Tetrachloroethene
 Concen: 0.952 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: VU031586.D
 Acq: 29 Apr 2019 15:09

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Tot Ion	Ratio	Lower	Upper
164	100		
129	99.7	71.5	132.9
131	115.3	69.0	128.2
166	165.8	93.7	173.9

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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

