

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031741.D
 Acq On : 03 May 2019 11:48
 Operator : JC/SP
 Sample : K2661-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B35

Quant Time: May 04 04:17:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 04 02:35:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	865762	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	803776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	321170	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	370370	51.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.24%
7) Chloroethane-d5	1.68	69	285634	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.02%
11) 1,1-Dichloroethene-d2	2.27	63	521283	36.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.26%
21) 2-Butanone-d5	4.19	46	663889	101.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.13%
24) Chloroform-d	4.64	84	580763	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	5.31	65	397091	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
32) Benzene-d6	5.34	84	1215856	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
36) 1,2-Dichloropropane-d6	6.32	67	428345	49.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.66%
41) Toluene-d8	7.56	98	1038421	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.85	79	173133	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.90%
47) 2-Hexanone-d5	8.31	63	408869	108.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	534120	45.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	327555	48.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

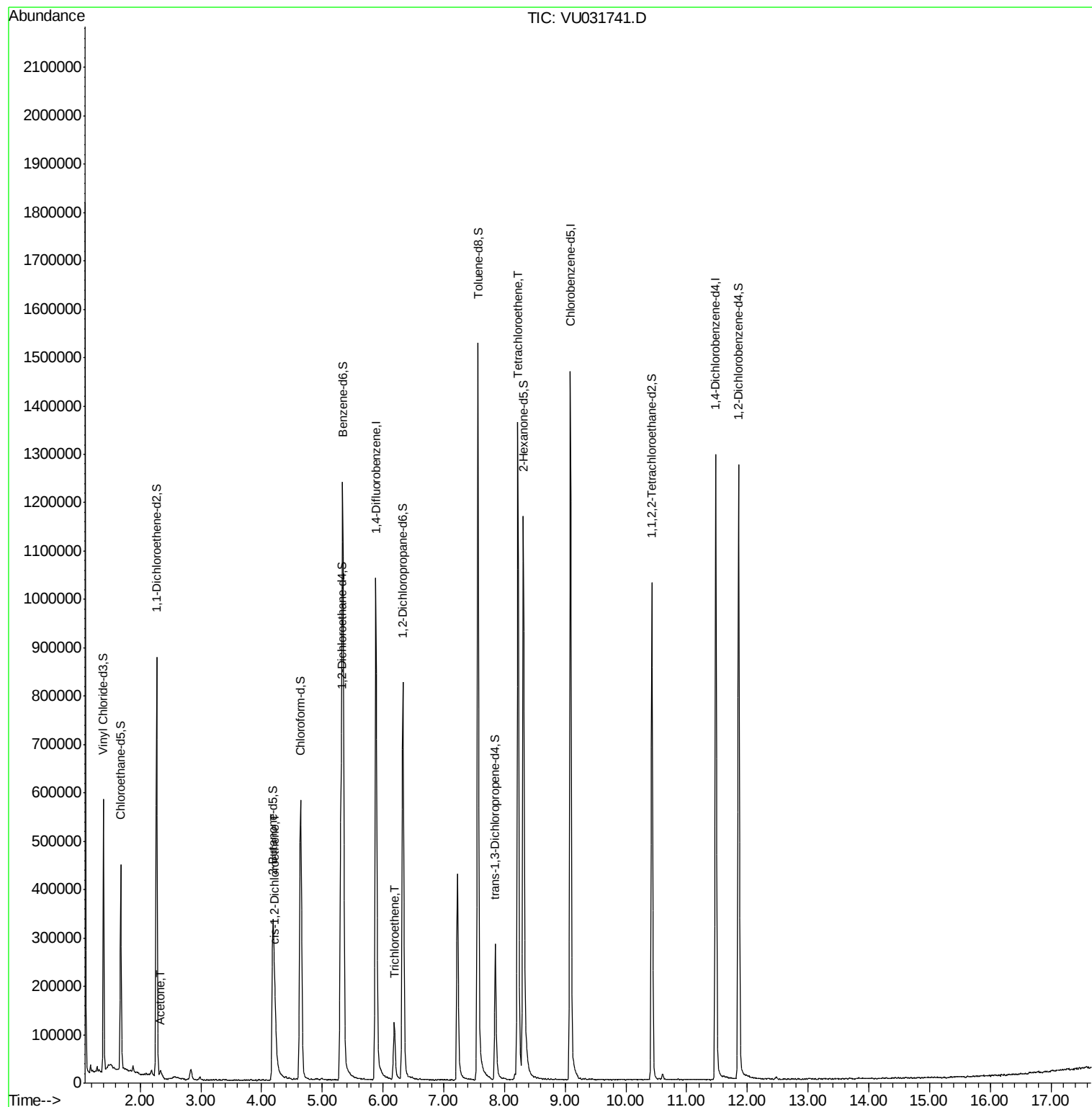
					Ovalue
13) Acetone	2.34	43	13030	1.762 ug/L	75
20) cis-1,2-Dichloroethene	4.23	96	19215	2.545 ug/L	96
34) Trichloroethene	6.19	95	42290	5.904 ug/L	93
46) Tetrachloroethene	8.22	164	298860	61.197 ug/L	96

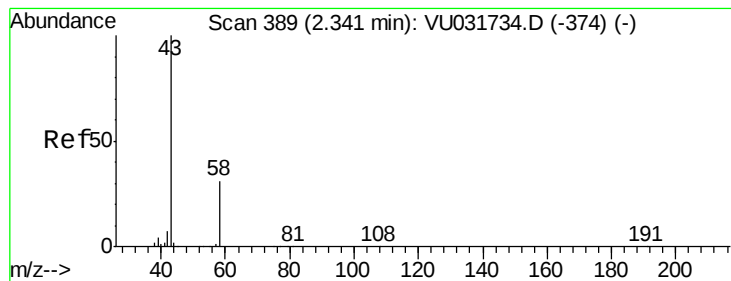
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.762 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

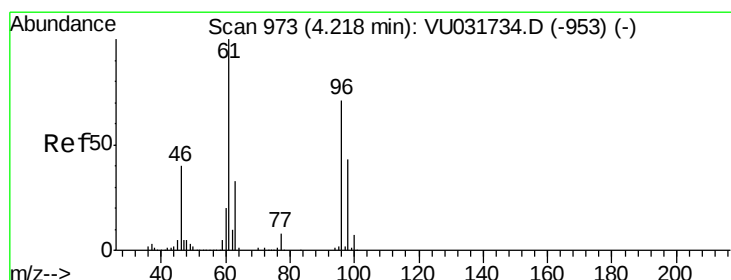
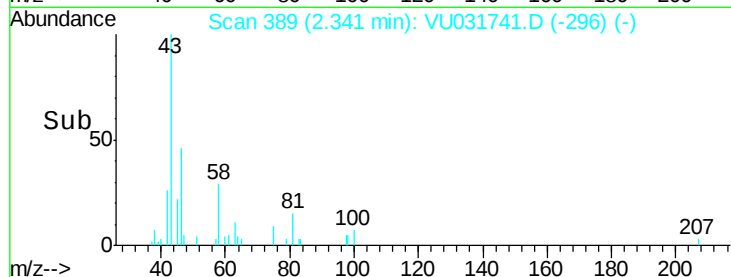
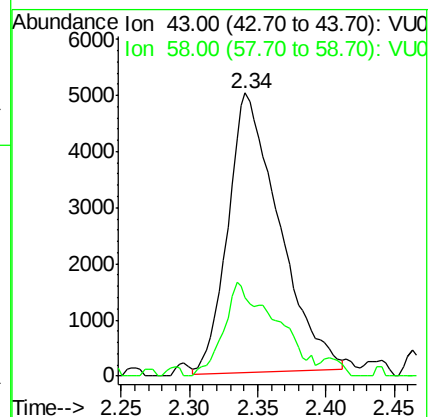
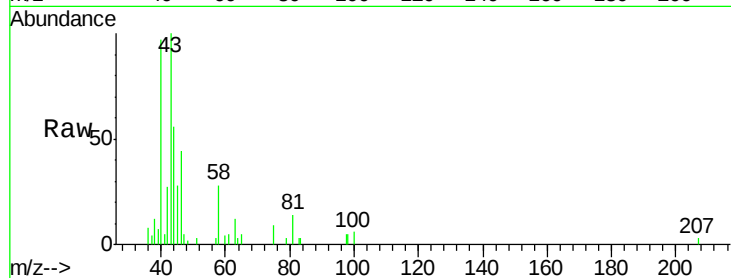
C0B35

Tot Ion: 43 Resp: 13030

Ion Ratio Lower Upper

43 100

58 18.2 0.0 64.4



#20

cis-1,2-Dichloroethene

Concen: 2.545 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

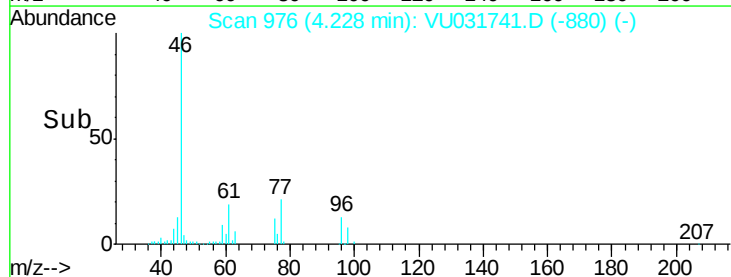
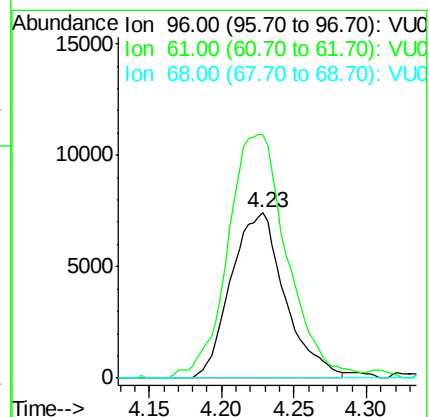
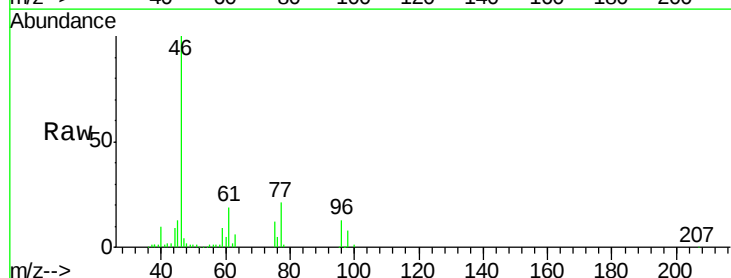
Tgt Ion: 96 Resp: 19215

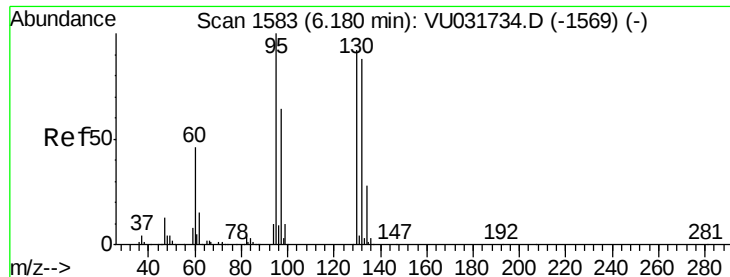
Ion Ratio Lower Upper

96 100

61 147.2 99.5 184.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 5.904 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

Instrument :

MSVOA_U

ClientSampleId :

C0B35

Tot Ion: 95 Resp: 42290

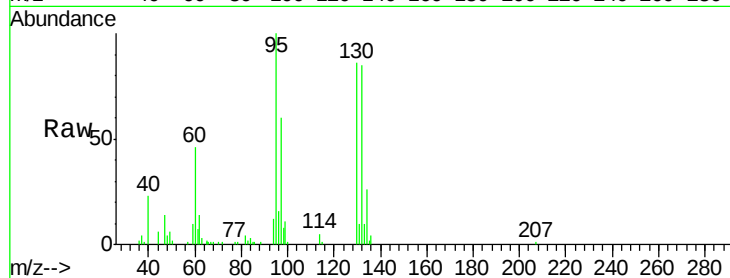
Ion Ratio Lower Upper

95 100

97 60.5 44.8 83.2

132 84.5 63.1 117.1

130 86.2 66.5 123.5

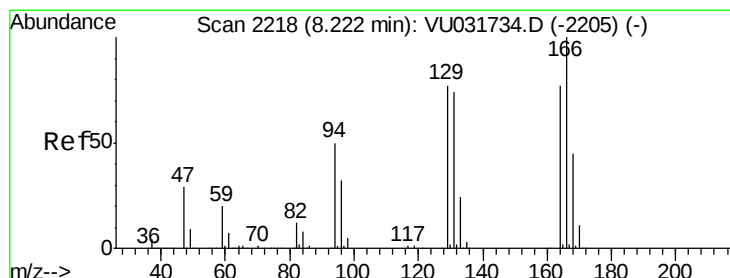
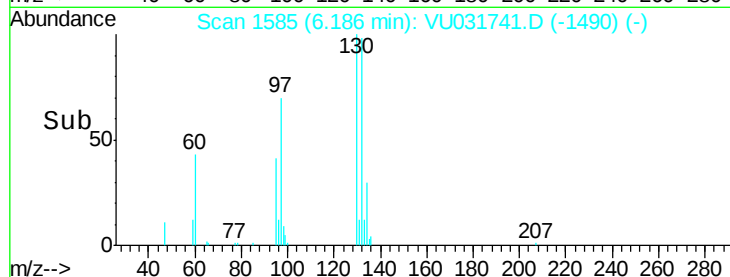
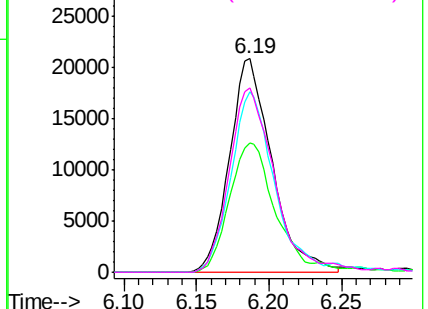


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 61.197 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031741.D

Acq: 03 May 2019 11:48

Tgt Ion: 164 Resp: 298860

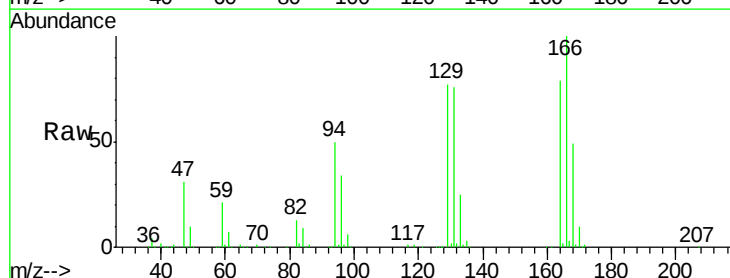
Ion Ratio Lower Upper

164 100

129 98.4 71.5 132.9

131 97.4 69.0 128.2

166 127.4 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

