

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031747.D
 Acq On : 03 May 2019 14:07
 Operator : JC/SP
 Sample : K2661-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B29

Quant Time: May 04 06:04:40 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	833808	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	805635	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	317976	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	362421	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.88%
7) Chloroethane-d5	1.68	69	284971	52.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.68%
11) 1,1-Dichloroethene-d2	2.27	63	521681	37.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.08%
21) 2-Butanone-d5	4.19	46	662105	104.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.64	84	580456	45.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.84%
26) 1,2-Dichloroethane-d4	5.31	65	396218	47.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.90%
32) Benzene-d6	5.34	84	1215054	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
36) 1,2-Dichloropropane-d6	6.33	67	420554	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.64%
41) Toluene-d8	7.56	98	1033264	47.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.90%
43) trans-1,3-Dichloropropene-	7.85	79	173941	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.12%
47) 2-Hexanone-d5	8.31	63	412803	109.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	527322	45.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	324410	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

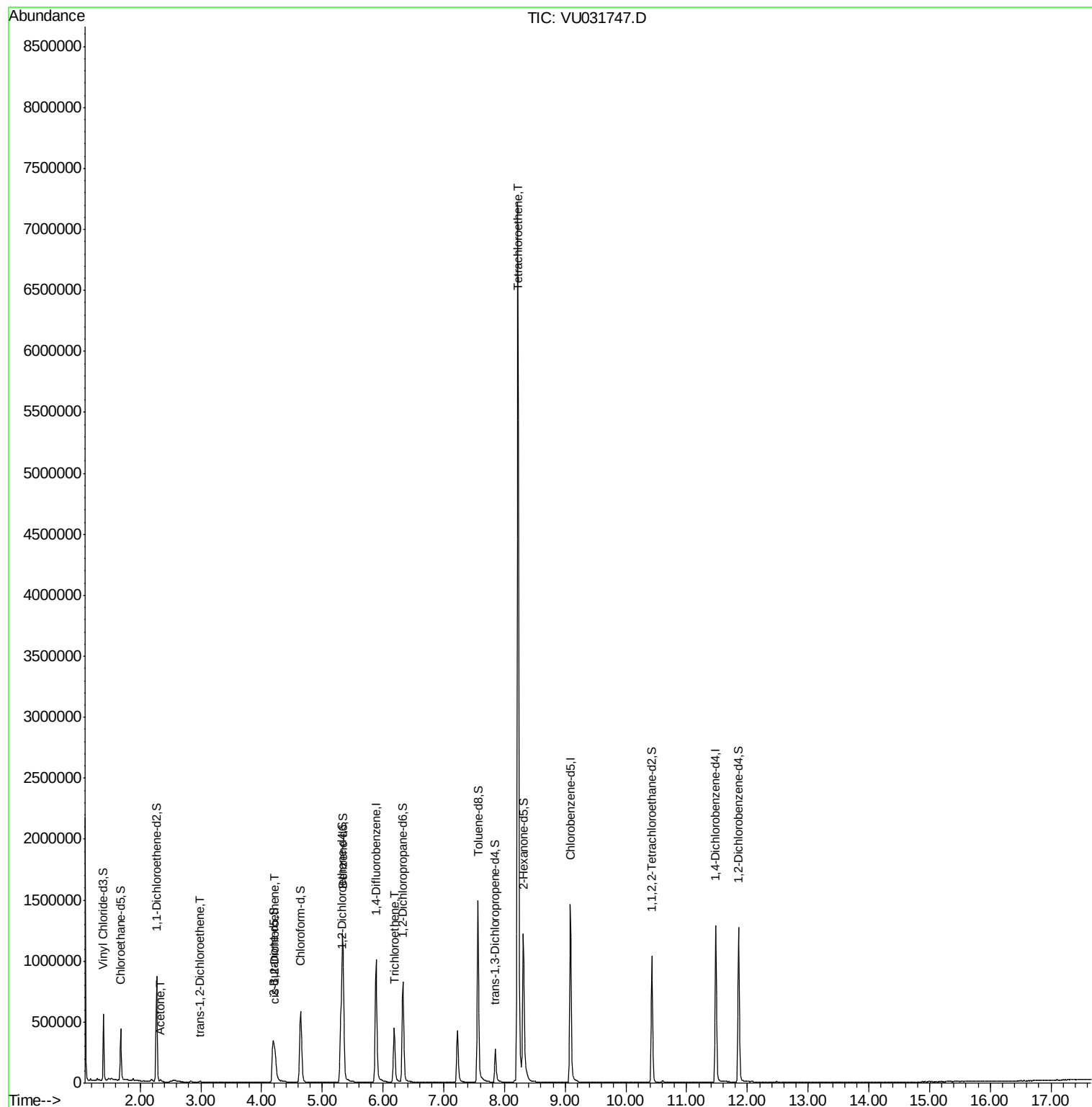
					Ovalue
13) Acetone	2.34	43	13188	1.852 ug/L	94
17) trans-1,2-Dichloroethene	2.98	96	3030	0.447 ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	71633	9.851 ug/L	95
34) Trichloroethene	6.18	95	165687	23.076 ug/L	97
46) Tetrachloroethene	8.22	164	1557435	318.179 ug/L	97

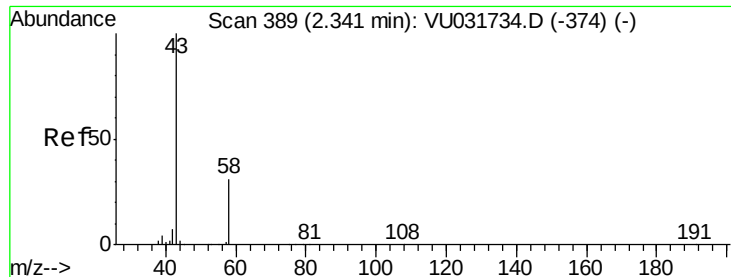
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.852 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031747.D

Acq: 03 May 2019 14:07

Instrument :

MSVOA_U

ClientSampleId :

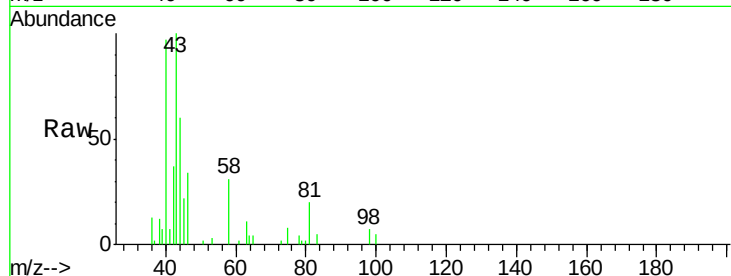
C0B29

Tot Ion: 43 Resp: 13188

Ion Ratio Lower Upper

43 100

58 28.7 0.0 64.4

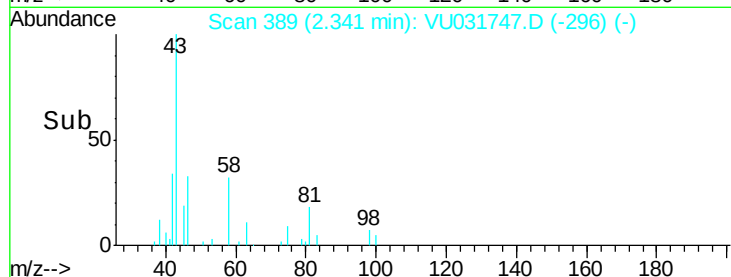


Abundance Ion 43.00 (42.70 to 43.70): VU031747.D (-296) (-)

Ion 58.00 (57.70 to 58.70): VU031747.D (-296) (-)

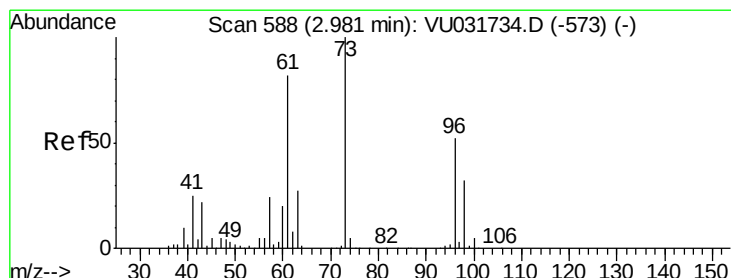
2.34

Time-->



2.34

Time-->



#17

trans-1,2-Dichloroethene

Concen: 0.447 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU031747.D

Acq: 03 May 2019 14:07

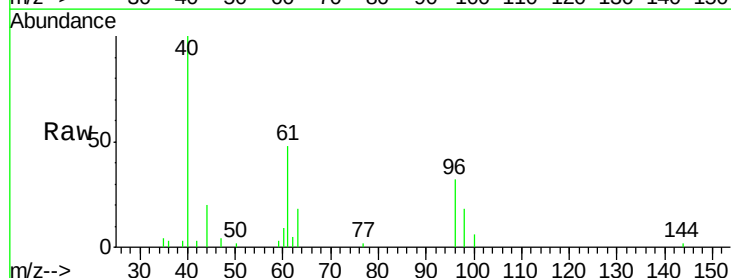
Tgt Ion: 96 Resp: 3030

Ion Ratio Lower Upper

96 100

61 150.3 114.5 212.7

98 56.9 45.4 84.2



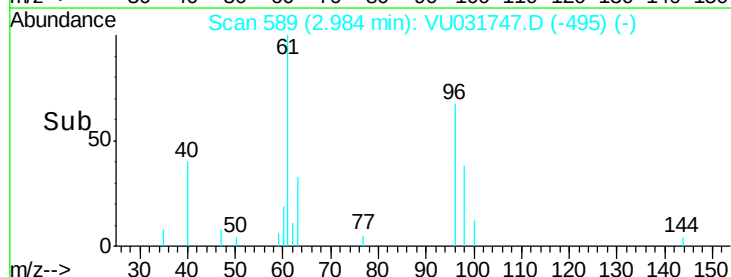
Abundance Ion 96.00 (95.70 to 96.70): VU031747.D (-495) (-)

Ion 61.00 (60.70 to 61.70): VU031747.D (-495) (-)

Ion 98.00 (97.70 to 98.70): VU031747.D (-495) (-)

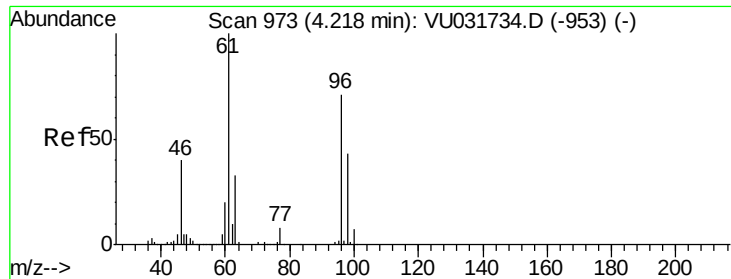
2.98

Time-->



2.98

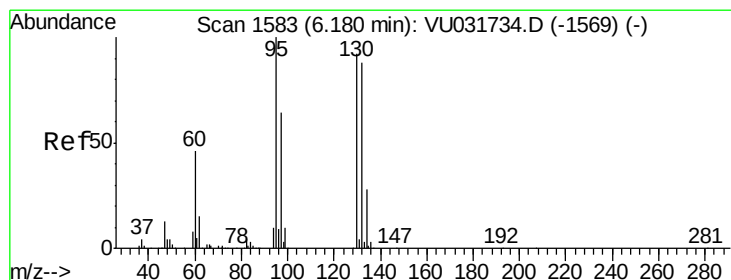
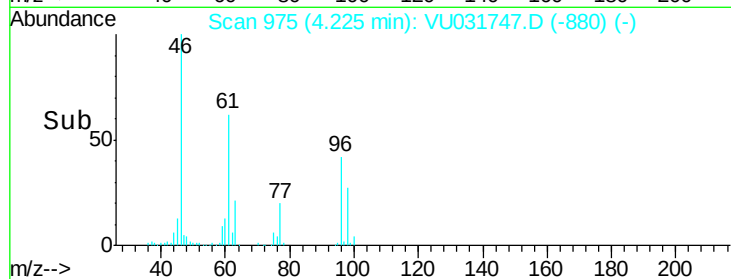
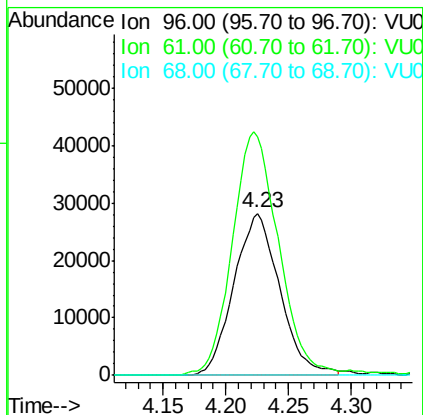
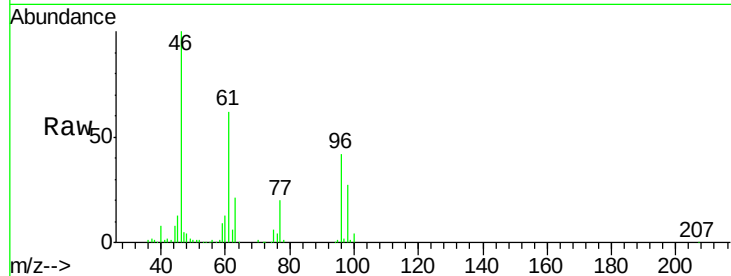
Time-->



#20
 cis-1,2-Dichloroethene
 Concen: 9.851 ug/L
 RT: 4.23 min Scan# 975
 Delta R.T. 0.01 min
 Lab File: VU031747.D
 Acq: 03 May 2019 14:07

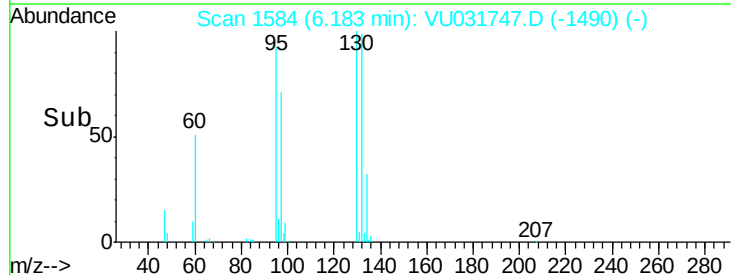
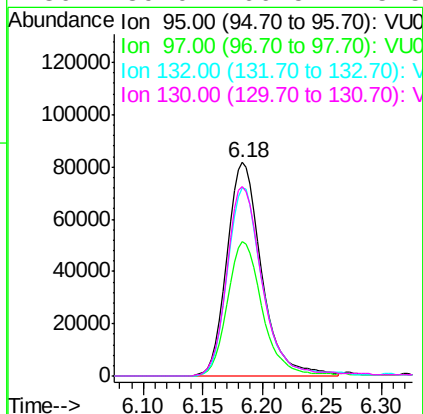
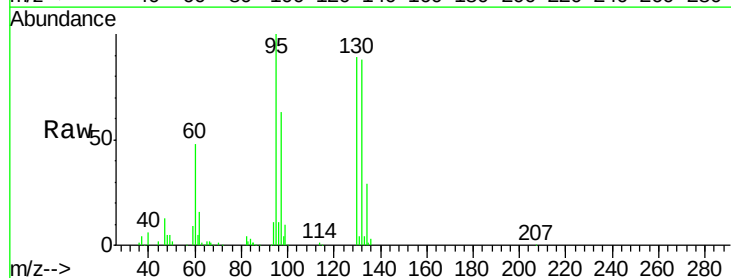
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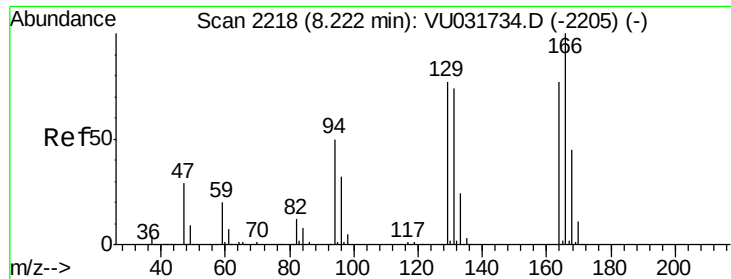
Tot Ion: 96 Resp: 71633
 Ion Ratio Lower Upper
 96 100
 61 147.8 99.5 184.7
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 23.076 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031747.D
 Acq: 03 May 2019 14:07

Tgt Ion: 95 Resp: 165687
 Ion Ratio Lower Upper
 95 100
 97 62.9 44.8 83.2
 132 88.3 63.1 117.1
 130 89.0 66.5 123.5





#46

Tetrachloroethene

Concen: 318.179 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031747.D

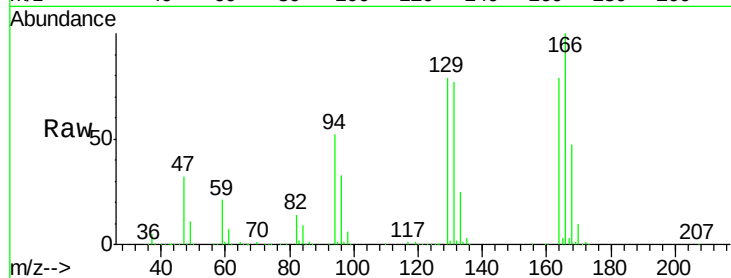
Acq: 03 May 2019 14:07

Instrument :

MSVOA_U

ClientSampleId :

C0B29



Tot Ion:164 Resp: 1557435

Ion Ratio Lower Upper

164 100

129 100.3 71.5 132.9

131 98.3 69.0 128.2

166 127.3 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

