

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031737.D
 Acq On : 03 May 2019 10:15
 Operator : JC/SP
 Sample : K2661-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B32

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:42:39 AM

Quant Time: May 04 04:07:14 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	893978	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	838705	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	349156	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	373657	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.88%
7) Chloroethane-d5	1.68	69	286070	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.96%
11) 1,1-Dichloroethene-d2	2.27	63	533883	35.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.66%
21) 2-Butanone-d5	4.19	46	637313	94.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.01%
24) Chloroform-d	4.64	84	580845	42.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.78%
26) 1,2-Dichloroethane-d4	5.31	65	394944	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
32) Benzene-d6	5.34	84	1243552	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.56%
36) 1,2-Dichloropropane-d6	6.32	67	425059	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.82%
41) Toluene-d8	7.56	98	1046070	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.85	79	176822	45.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.92%
47) 2-Hexanone-d5	8.31	63	404283	103.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	536132	44.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.18%
64) 1,2-Dichlorobenzene-d4	11.85	152	340671	46.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.78%

Target Compounds

					Ovalue
13) Acetone	2.34	43	14132m	1.851 ug/L	
34) Trichloroethene	6.19	95	4814	0.644 ug/L	85
46) Tetrachloroethene	8.23	164	5150m	1.011 ug/L	

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

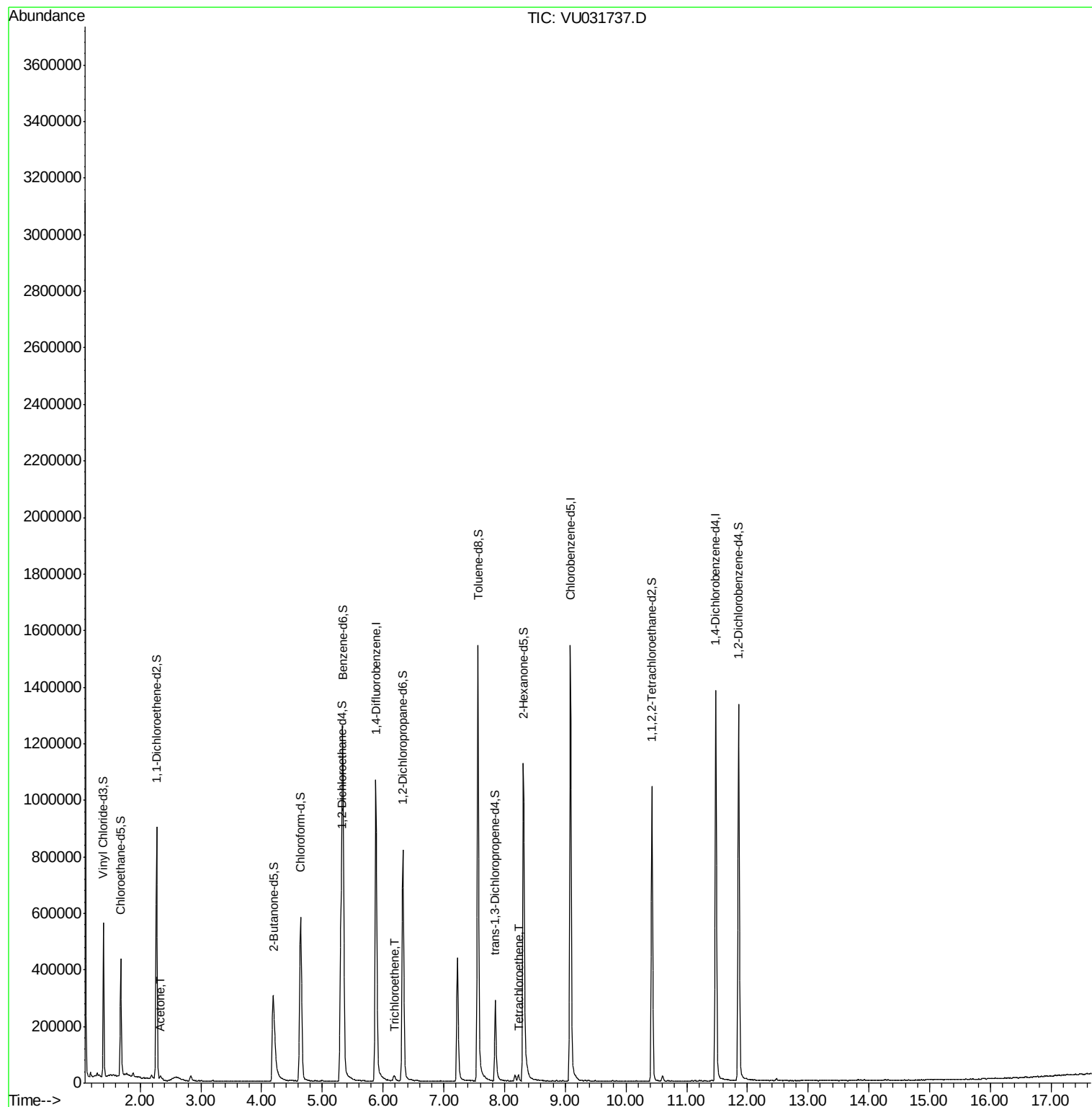
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
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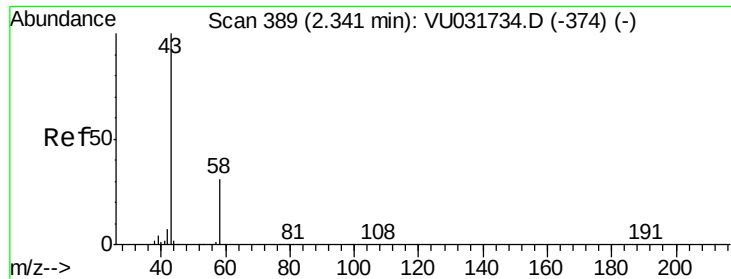
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Response via : Initial Calibration





#13

Acetone

Concen: 1.851 ug/L m

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031737.D

Acq: 03 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

C0B32

Tot Ion: 43 Resp: 14132

Ion Ratio Lower Upper

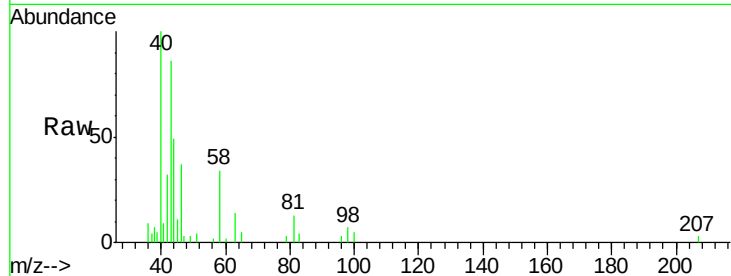
43 100

58 20.5 0.0 64.4

Manual Integrations
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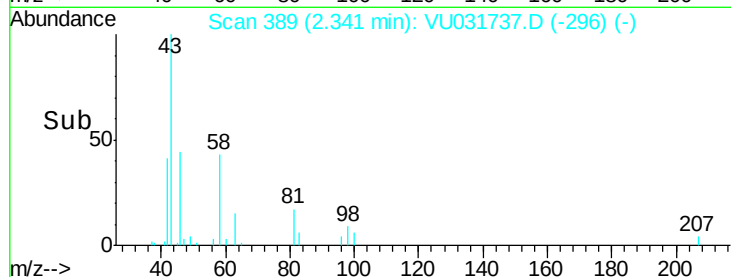


Abundance Ion 43.00 (42.70 to 43.70): VU031737.D (-296) (-)

Ion 58.00 (57.70 to 58.70): VU031737.D (-296) (-)

2.34

Time-->



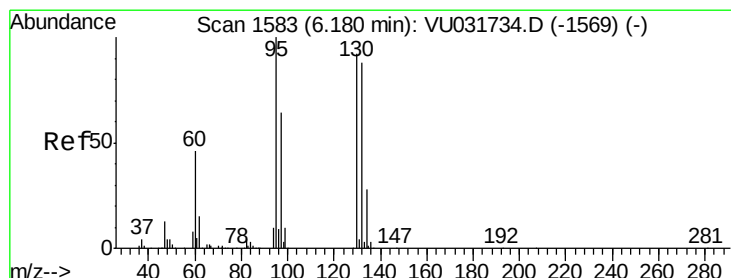
Abundance

Ion 43.00 (42.70 to 43.70): VU031737.D (-296) (-)

Ion 58.00 (57.70 to 58.70): VU031737.D (-296) (-)

2.34

Time-->



#34

Trichloroethene

Concen: 0.644 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU031737.D

Acq: 03 May 2019 10:15

Tgt Ion: 95 Resp: 4814

Ion Ratio Lower Upper

95 100

97 48.0 44.8 83.2

132 73.9 63.1 117.1

130 85.8 66.5 123.5

Abundance Ion 95.00 (94.70 to 95.70): VU031737.D (-1490) (-)

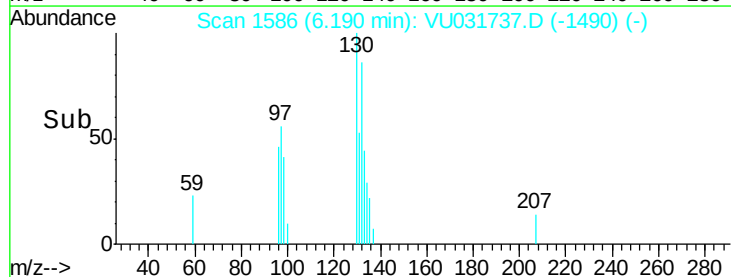
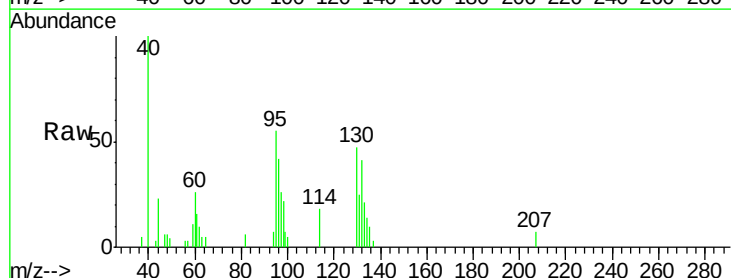
Ion 97.00 (96.70 to 97.70): VU031737.D (-1490) (-)

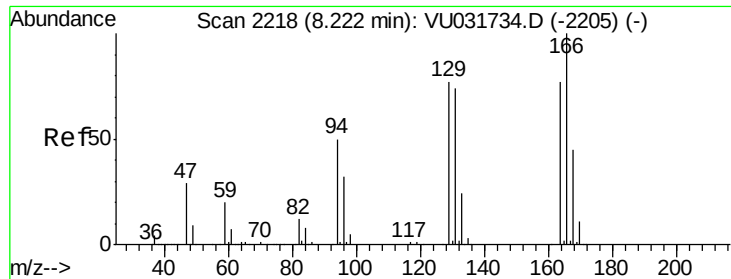
Ion 132.00 (131.70 to 132.70): VU031737.D (-1490) (-)

Ion 130.00 (129.70 to 130.70): VU031737.D (-1490) (-)

6.19

Time-->





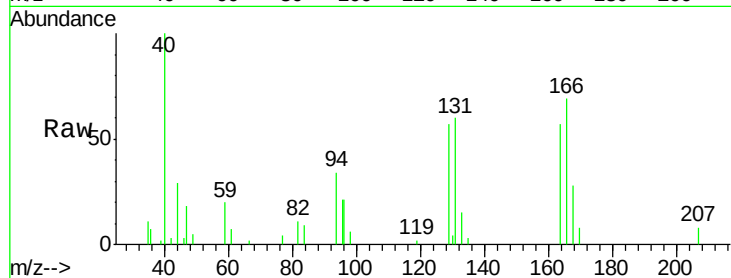
#46
Tetrachloroethene
Concen: 1.011 ug/L m
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU031737.D
Acq: 03 May 2019 10:15

Instrument :
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Tot Ion	Ratio	Lower	Upper
164	100		
129	100.7	71.5	132.9
131	105.6	69.0	128.2
166	121.0	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

