

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
 Data File : VU031750.D
 Acq On : 03 May 2019 15:17
 Operator : JC/SP
 Sample : K2690-25
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5169

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 11:43:18 AM

Quant Time: May 04 06:13:35 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	816323	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	766274	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	317598	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.98%
7) Chloroethane-d5	1.68	69	256426	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.27	63	455231	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	4.19	46	618708	99.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.95%
24) Chloroform-d	4.64	84	530931	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.86%
26) 1,2-Dichloroethane-d4	5.31	65	372447	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.34	84	1095574	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.32	67	381182	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.10%
41) Toluene-d8	7.56	98	905504	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%
43) trans-1,3-Dichloropropene-	7.85	79	155158	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.31	63	372341	103.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	498040	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	299776	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%

Target Compounds

					Ovalue
13) Acetone	2.34	43	152757	21.908 ug/L	99
16) Methylene chloride	2.70	84	19686	2.619 ug/L	95
22) 2-Butanone	4.30	43	39515m	5.115 ug/L	
46) Tetrachloroethene	8.23	164	2648	0.569 ug/L	88

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

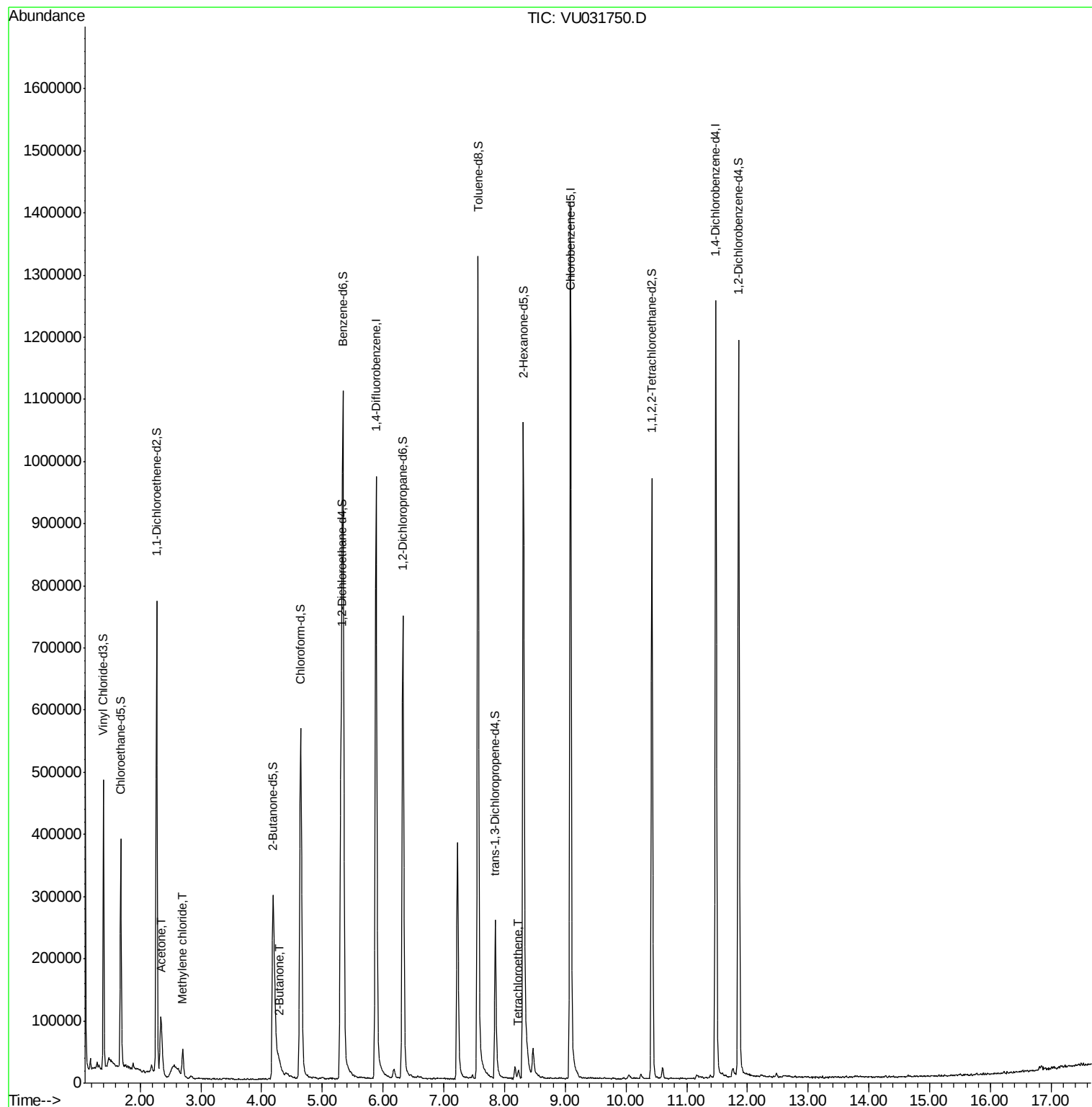
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050319\
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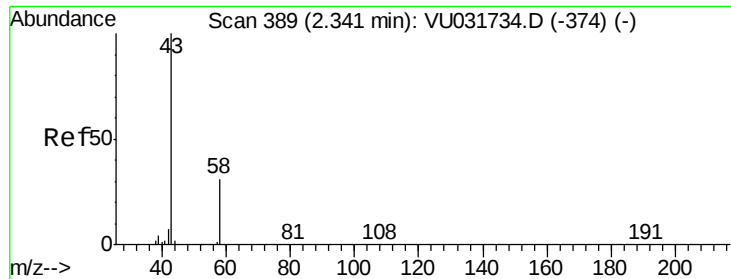
Instrument :
MSVOA_U
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Quant Time: May 04 06:13:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration





#13

Acetone

Concen: 21.908 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

Instrument :

MSVOA_U

ClientSampled :

A5169

Tot Ion: 43 Resp: 152757

Ion Ratio Lower Upper

43 100

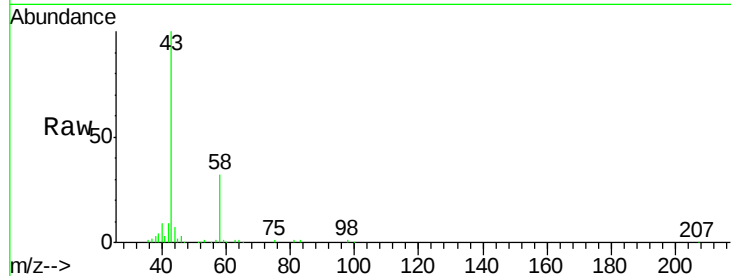
58 31.4 0.0 64.4

Manual Integrations

APPROVED

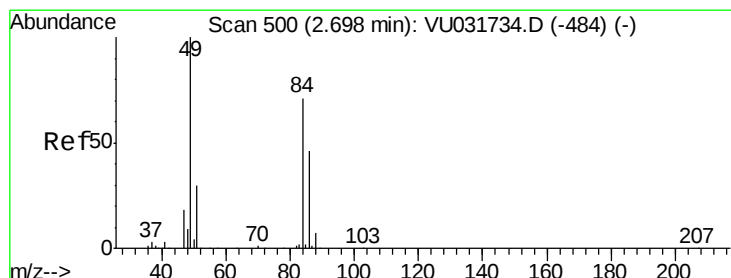
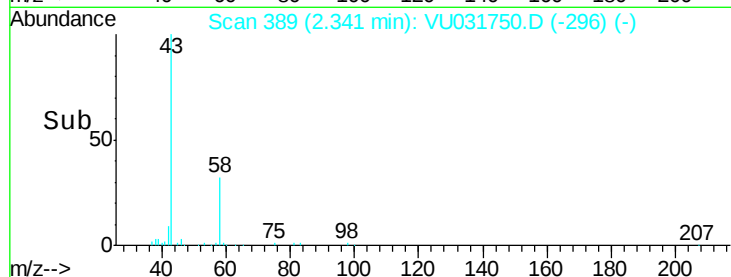
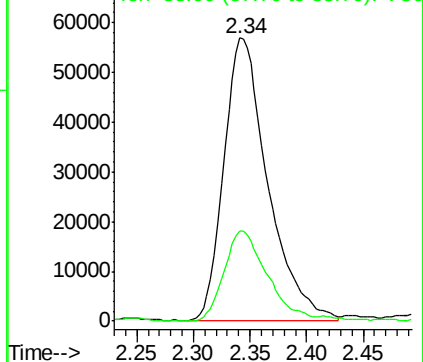
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5/6/2019 11:43:18 AM



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#16

Methylene chloride

Concen: 2.619 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

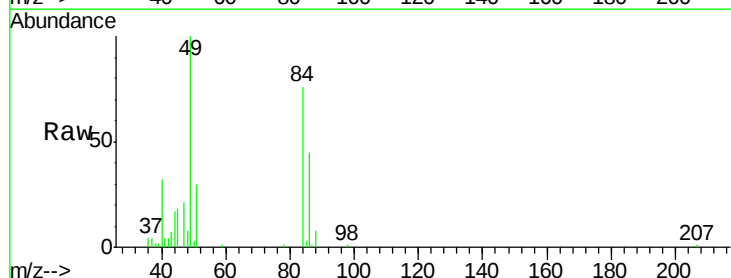
Tgt Ion: 84 Resp: 19686

Ion Ratio Lower Upper

84 100

86 59.0 44.7 83.1

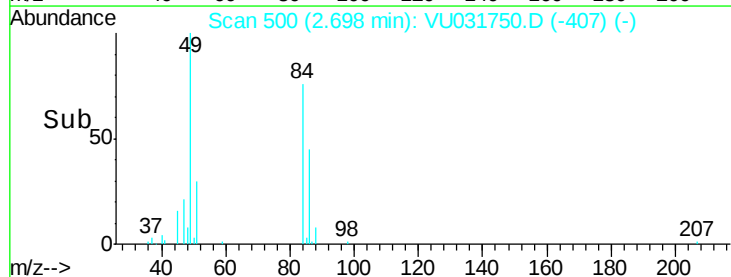
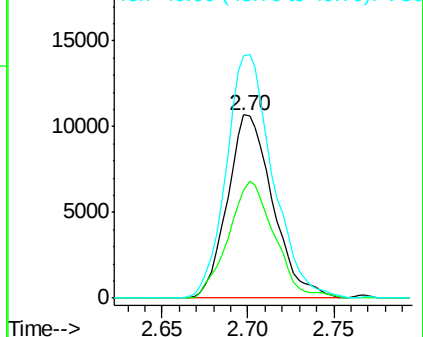
49 132.0 96.5 179.3

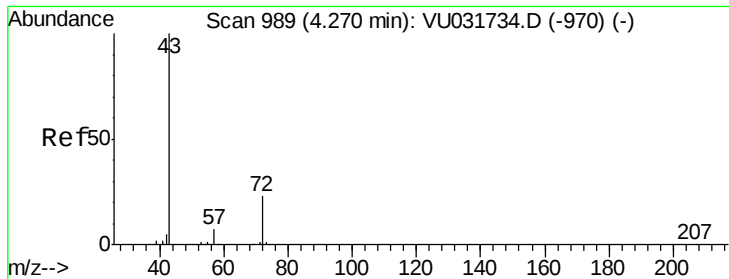


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#22

2-Butanone

Concen: 5.115 ug/L m

RT: 4.30 min Scan# 998

Delta R.T. 0.03 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 43 Resp: 39515

Ion Ratio Lower Upper

43 100

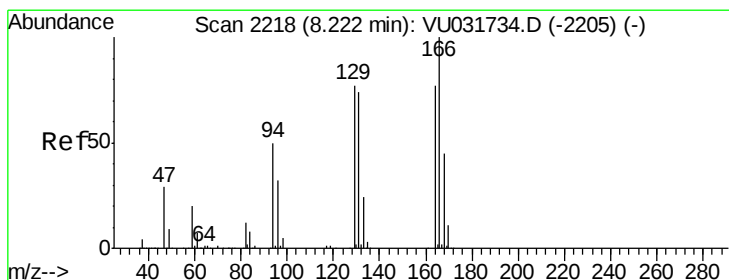
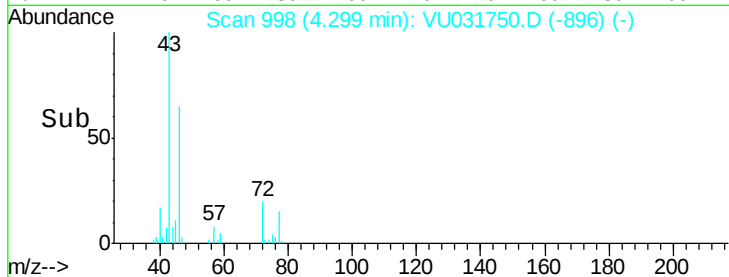
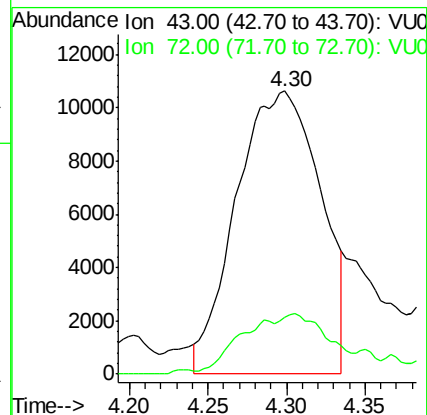
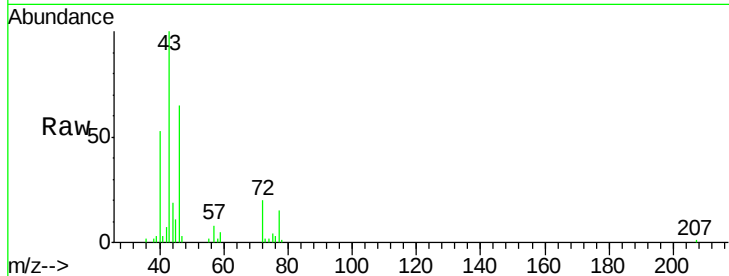
72 8.3 11.4 34.2#

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#46

Tetrachloroethene

Concen: 0.569 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

Tgt Ion: 164 Resp: 2648

Ion Ratio Lower Upper

164 100

129 85.6 71.5 132.9

131 94.1 69.0 128.2

166 118.0 93.7 173.9

