

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011320\
 Data File : VU036442.D
 Acq On : 13 Jan 2020 17:48
 Operator : JC/MD
 Sample : L1090-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOP5

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 4:01:46 PM

Quant Time: Jan 14 16:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 14 16:20:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	558186	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	524881	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	188113	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102893	23.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.32%#
7) Chloroethane-d5	1.93	69	106226	28.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.90%#
11) 1,1-Dichloroethene-d2	2.59	63	174095m	23.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.00%#
21) 2-Butanone-d5	4.68	46	243920	75.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.31%
24) Chloroform-d	5.11	84	265949	35.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.06%
26) 1,2-Dichloroethane-d4	5.74	65	183038	36.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.72%
32) Benzene-d6	5.77	84	523165	35.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	71.60%
36) 1,2-Dichloropropane-d6	6.73	67	176879	36.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.18%
41) Toluene-d8	7.93	98	481337	34.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.62%#
43) trans-1,3-Dichloropropene-	8.21	79	90330	33.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.94%
47) 2-Hexanone-d5	8.67	63	172952	68.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.43%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	263993	35.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	71.04%
64) 1,2-Dichlorobenzene-d4	12.22	152	145122	36.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.56%#

Target Compounds

					Ovalue
13) Acetone	2.66	43	34831	10.368 ug/L	99
22) 2-Butanone	4.76	43	13271	3.344 ug/L	96
25) Chloroform	5.13	83	16718	2.245 ug/L	83
46) Tetrachloroethene	8.58	164	74890	26.185 ug/L	95

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

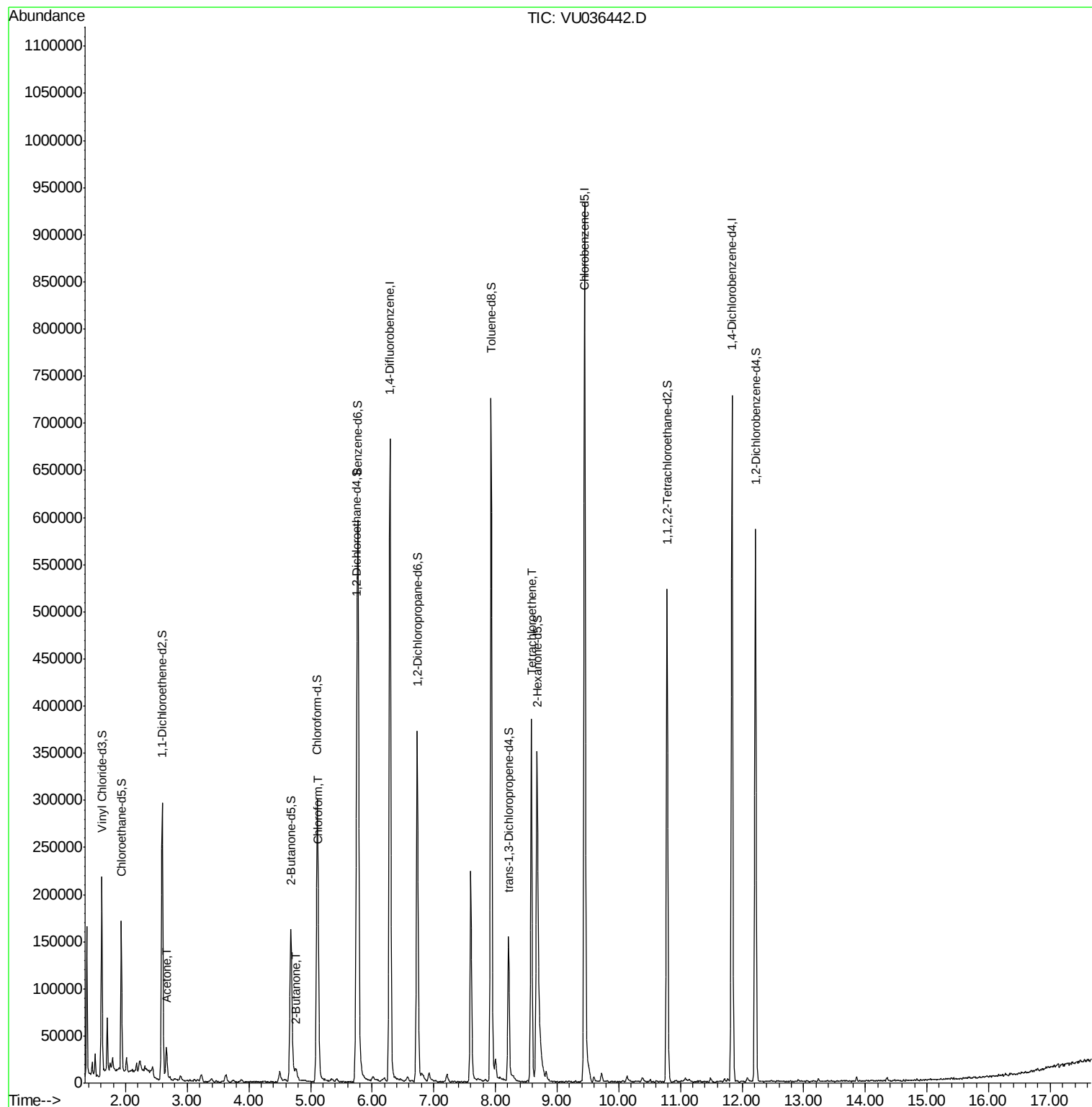
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011320\
Data File : VU036442.D
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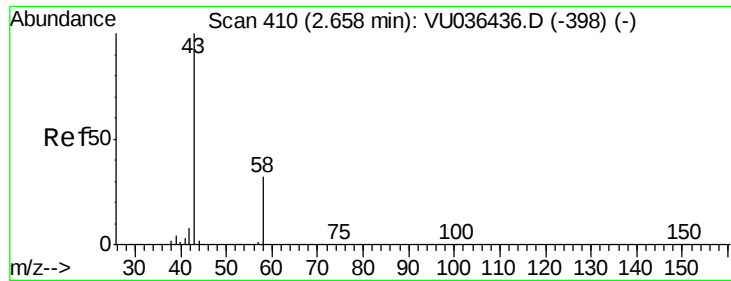
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 14 16:20:30 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.368 ug/L

RT: 2.66 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU036442.D

Acq: 13 Jan 2020 17:48

Instrument :

MSVOA_U

ClientSampleId :

ETOP5

Tot Ion: 43 Resp: 34831

Ion Ratio Lower Upper

43 100

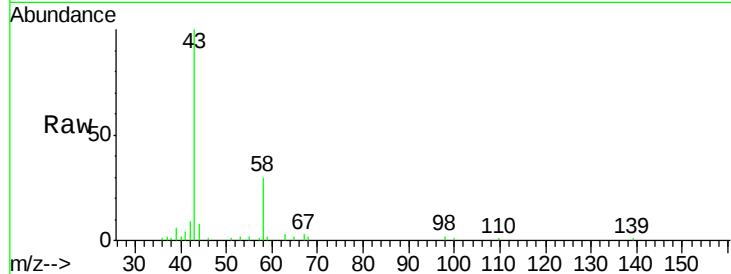
58 32.4 0.0 66.2

Manual Integrations

APPROVED

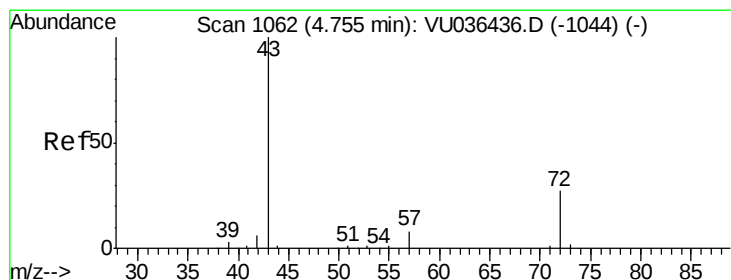
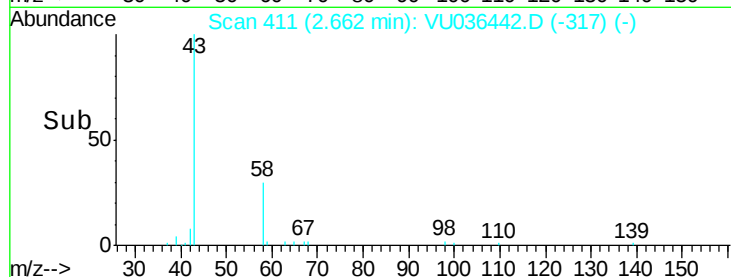
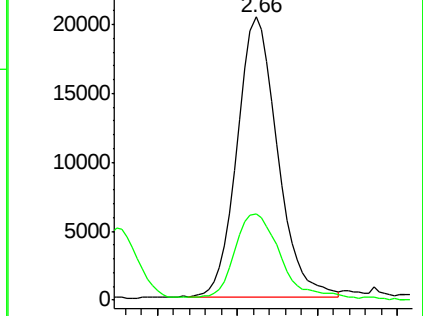
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#22

2-Butanone

Concen: 3.344 ug/L

RT: 4.76 min Scan# 1064

Delta R.T. 0.01 min

Lab File: VU036442.D

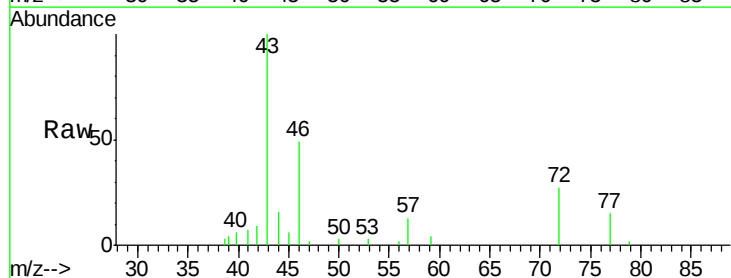
Acq: 13 Jan 2020 17:48

Tgt Ion: 43 Resp: 13271

Ion Ratio Lower Upper

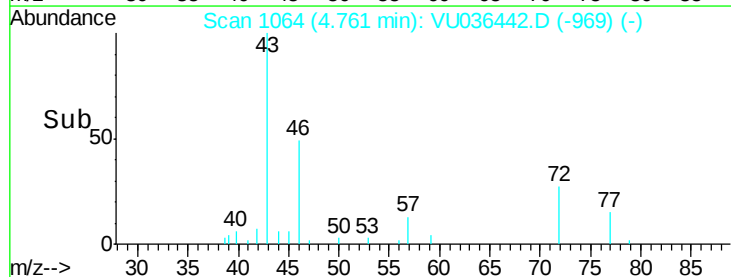
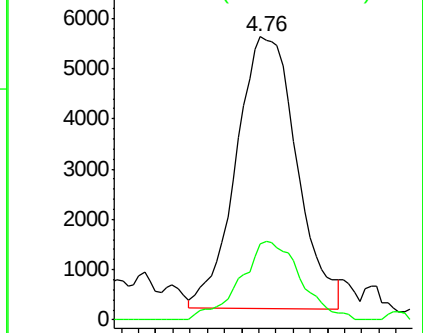
43 100

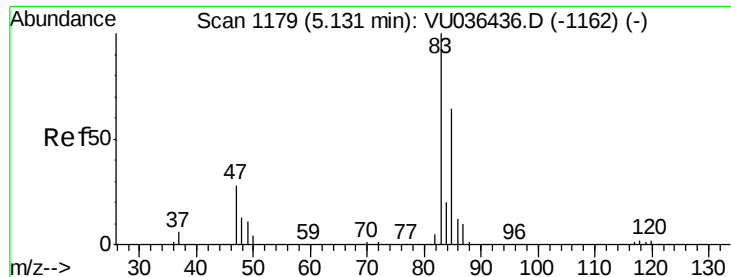
72 28.7 13.4 40.1



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0





#25

Chloroform

Concen: 2.245 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036442.D

Acq: 13 Jan 2020 17:48

Instrument :

MSVOA_U

ClientSampleId :

ETOP5

Tot Ion: 83 Resp: 16718

Ion Ratio Lower Upper

83 100

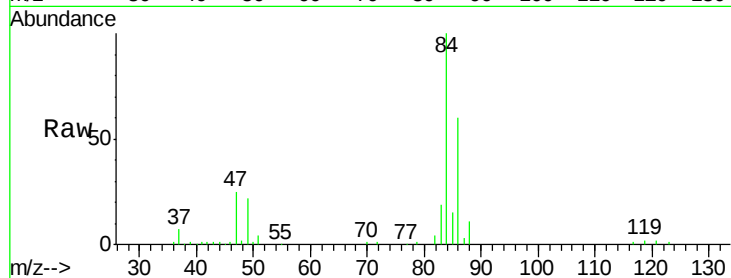
85 76.0 43.9 81.5

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Abundance Ion 83.00 (82.70 to 83.70): VU036442.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU036442.D (-1086) (-)

8000

6000

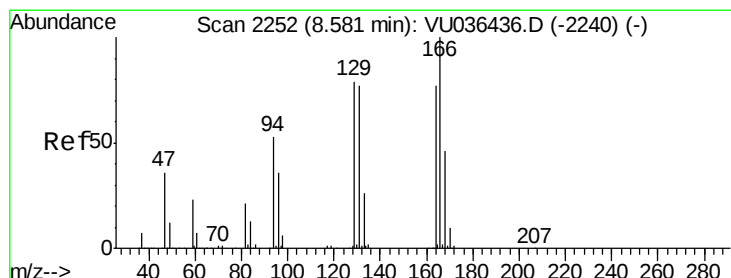
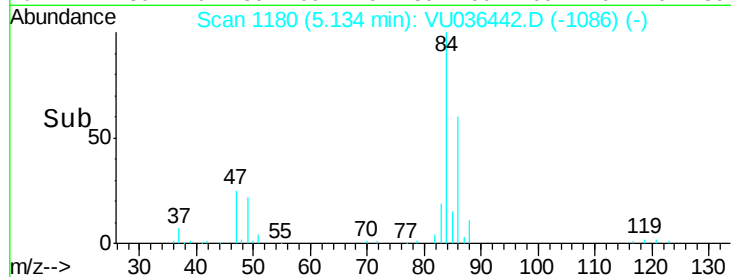
4000

2000

0

5.05 5.10 5.15 5.20

Time-->



#46

Tetrachloroethene

Concen: 26.185 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036442.D

Acq: 13 Jan 2020 17:48

Tgt Ion:164 Resp: 74890

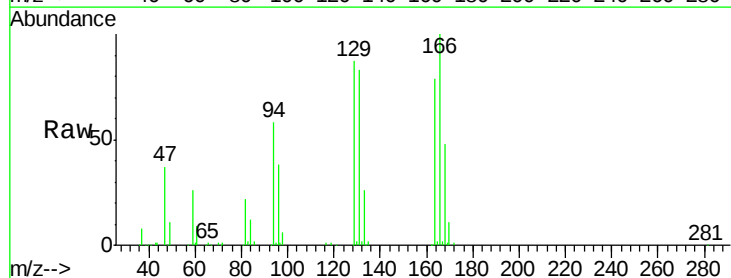
Ion Ratio Lower Upper

164 100

129 110.2 70.0 130.0

131 104.8 70.1 130.1

166 126.8 87.2 161.9



Abundance Ion 164.00 (163.70 to 164.70): VU036442.D (-2159) (-)

Ion 129.00 (128.70 to 129.70): VU036442.D (-2159) (-)

Ion 131.00 (130.70 to 131.70): VU036442.D (-2159) (-)

Ion 166.00 (165.70 to 166.70): VU036442.D (-2159) (-)

80000

60000

40000

20000

0

8.55 8.60 8.65

Time-->

