

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110619\
 Data File : VU035646.D
 Acq On : 06 Nov 2019 14:48
 Operator : JC/SP
 Sample : K5716-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE892

Quant Time: Nov 07 06:11:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 07 04:46:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	627304	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	606370	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	180383	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	169659	33.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.98%
7) Chloroethane-d5	1.93	69	160151	39.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.16%
11) 1,1-Dichloroethene-d2	2.60	63	229337	29.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.22%#
21) 2-Butanone-d5	4.69	46	278050	93.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.95%
24) Chloroform-d	5.11	84	353493	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.75	65	225551	47.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.12%
32) Benzene-d6	5.77	84	741217	46.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.78%
36) 1,2-Dichloropropane-d6	6.74	67	247211	48.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.46%
41) Toluene-d8	7.93	98	671847	45.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.12%
43) trans-1,3-Dichloropropene-	8.21	79	104849	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.82%
47) 2-Hexanone-d5	8.68	63	176236	89.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.71%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	337439	46.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.58%
64) 1,2-Dichlorobenzene-d4	12.22	152	185028	50.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.72%

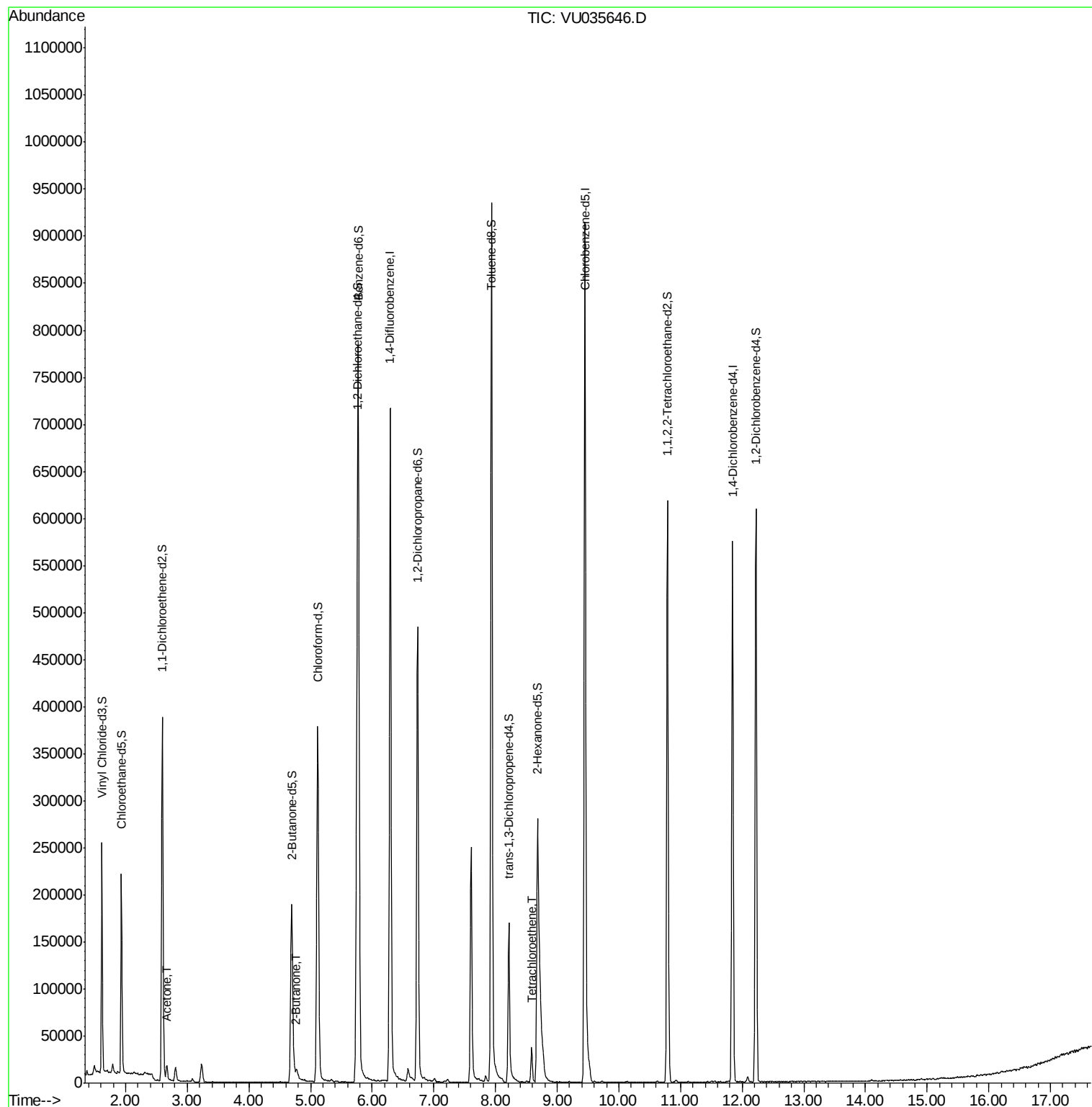
Target Compounds					Qvalue
13) Acetone	2.67	43	16893	6.488 ug/L	91
22) 2-Butanone	4.77	43	9783	2.846 ug/L	80
46) Tetrachloroethene	8.58	164	9185	2.535 ug/L	99

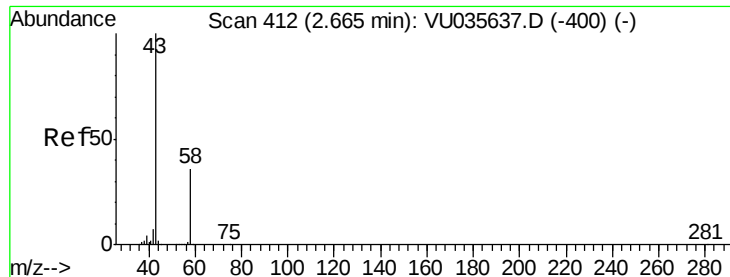
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.488 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

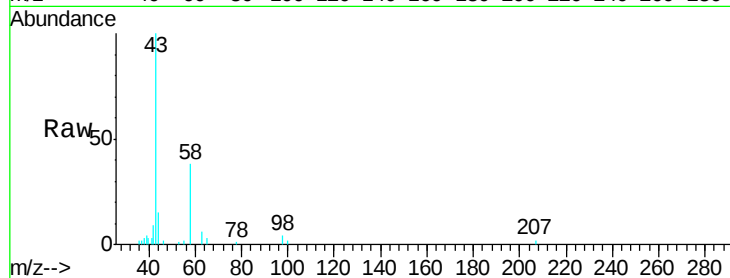
BE892

Tgt Ion: 43 Resp: 16893

Ion Ratio Lower Upper

43 100

58 40.0 0.0 70.0



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-400) (-)

Ion 58.00 (57.70 to 58.70): VU035637.D (-400) (-)

2.67

10000

8000

6000

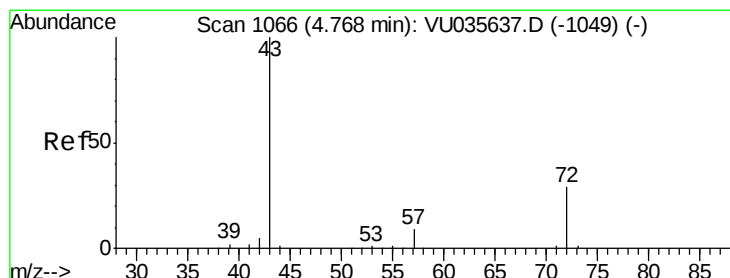
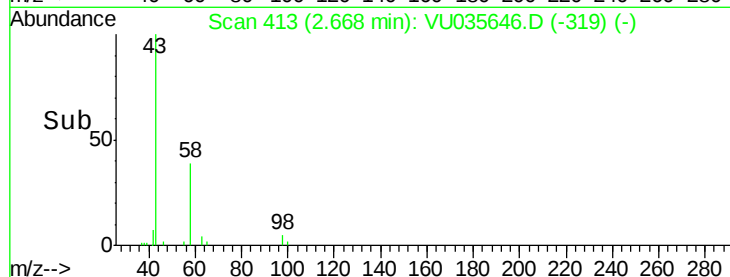
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#22

2-Butanone

Concen: 2.846 ug/L

RT: 4.77 min Scan# 1067

Delta R.T. 0.00 min

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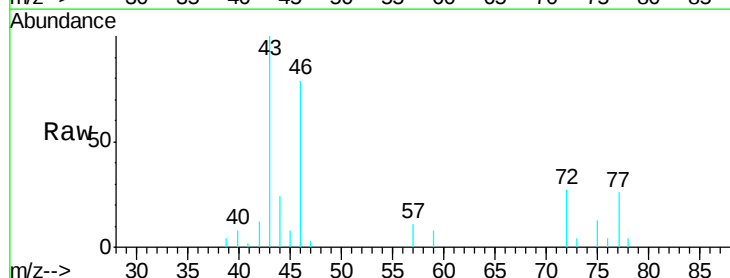
Acq: 06 Nov 2019 14:48

Tgt Ion: 43 Resp: 9783

Ion Ratio Lower Upper

43 100

72 16.7 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-1049) (-)

Ion 72.00 (71.70 to 72.70): VU035637.D (-1049) (-)

4.77

5000

4000

3000

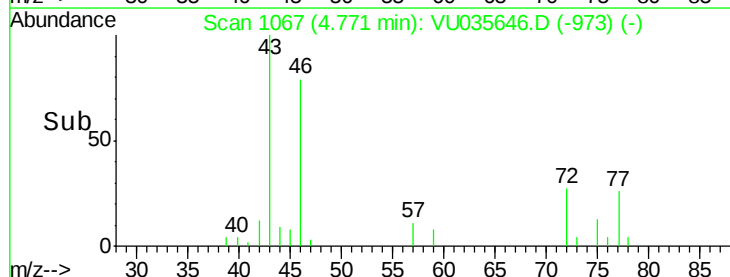
2000

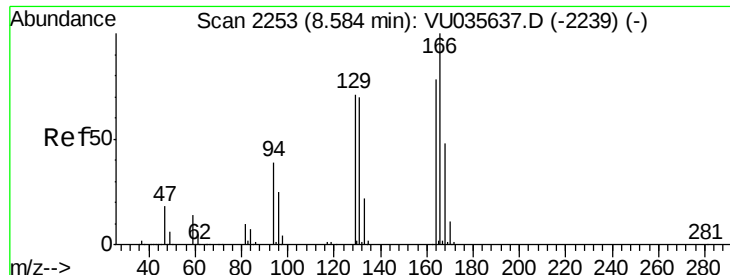
1000

0

Time-->

4.70 4.75 4.80 4.85





#46

Tetrachloroethene

Concen: 2.535 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VU035646.D

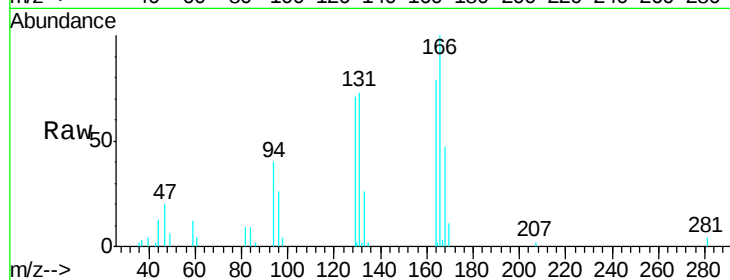
Acq: 06 Nov 2019 14:48

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Tgt Ion:164 Resp: 9185

Ion Ratio Lower Upper

164 100

129 89.5 64.1 119.1

131 91.7 63.1 117.1

166 126.1 88.5 164.3

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

