

Data File : VU035650.D
Acq On : 06 Nov 2019 16:18
Operator : JC/SP
Sample : K5716-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BE894

Quant Time: Nov 07 04:51:34 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	605549	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	597776	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	172429	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	147818	30.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	60.44%
7) Chloroethane-d5	1.93	69	142330	36.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.88%
11) 1,1-Dichloroethene-d2	2.60	63	199801	26.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.54%#
21) 2-Butanone-d5	4.69	46	262890	92.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.02%
24) Chloroform-d	5.11	84	327460	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.70%
26) 1,2-Dichloroethane-d4	5.75	65	205063	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
32) Benzene-d6	5.77	84	661525	42.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.90%
36) 1,2-Dichloropropane-d6	6.74	67	224676	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.92%
41) Toluene-d8	7.93	98	581563	39.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.14%#
43) trans-1,3-Dichloropropene-	8.22	79	97614	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
47) 2-Hexanone-d5	8.68	63	167364	86.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.42%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	320929	44.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.32%
64) 1,2-Dichlorobenzene-d4	12.22	152	164628	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%

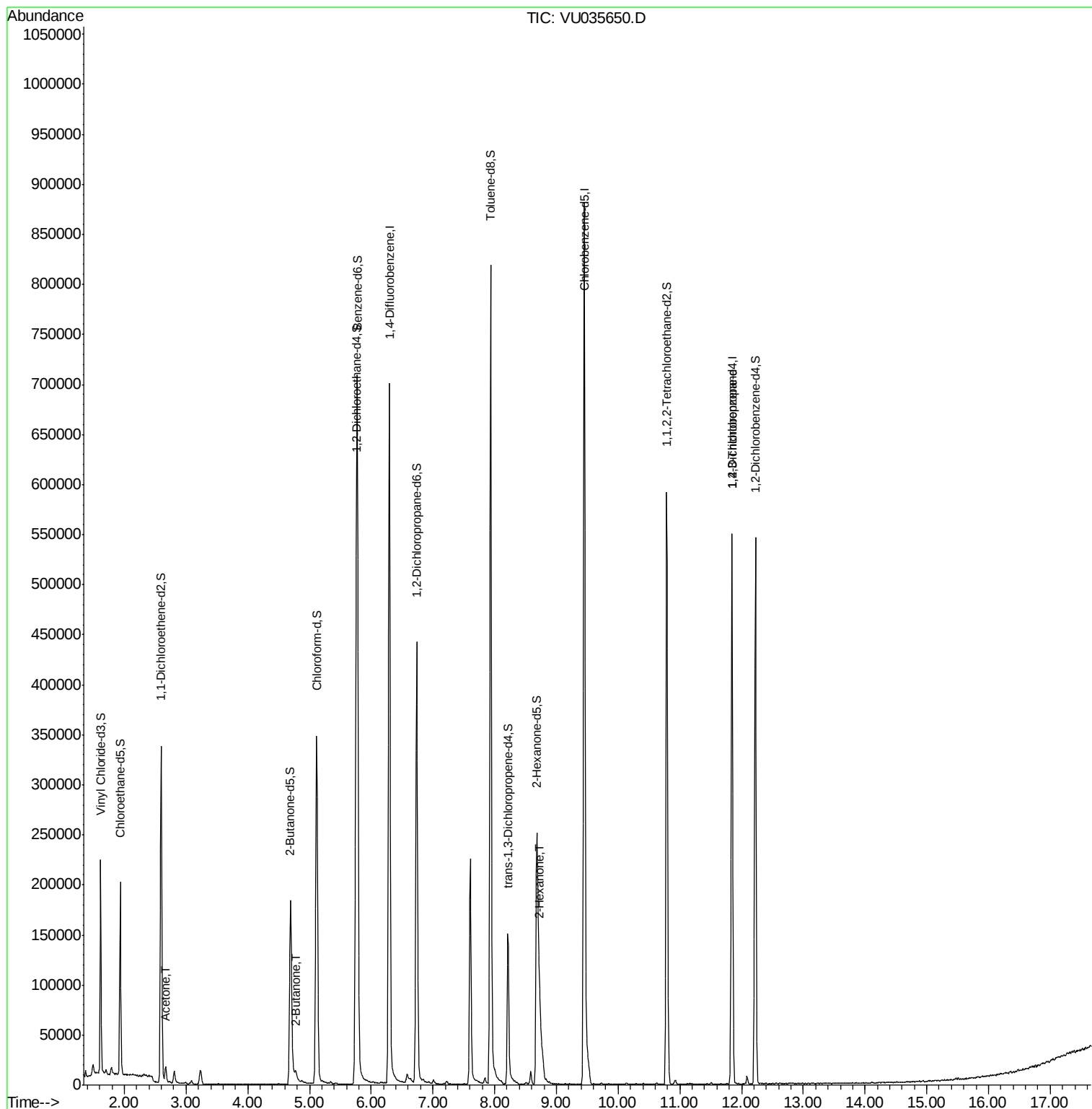
Target Compounds					Qvalue
13) Acetone	2.67	43	16651	6.625 ug/L	98
22) 2-Butanone	4.77	43	11232	3.385 ug/L #	70
48) 2-Hexanone	8.73	43	18135	3.705 ug/L #	52
59) 1,2,3-Trichloropropane	11.84	75	18305	3.120 ug/L	96

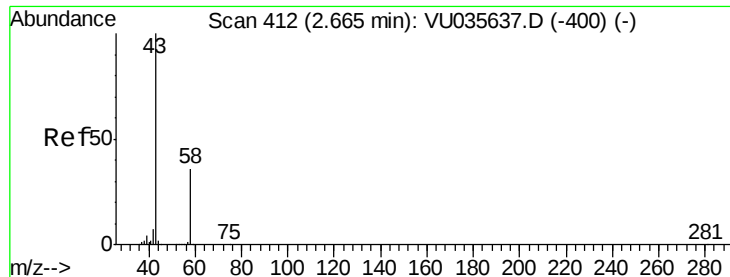
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.625 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

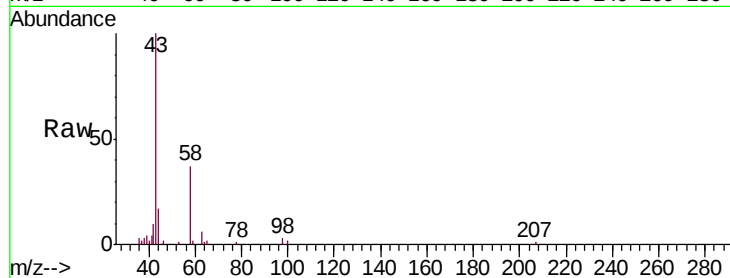
BE894

Tgt Ion: 43 Resp: 16651

Ion Ratio Lower Upper

43 100

58 36.1 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

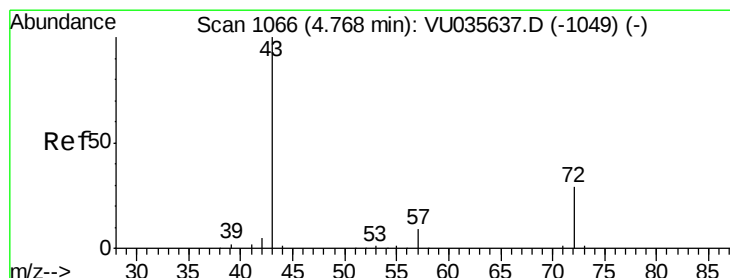
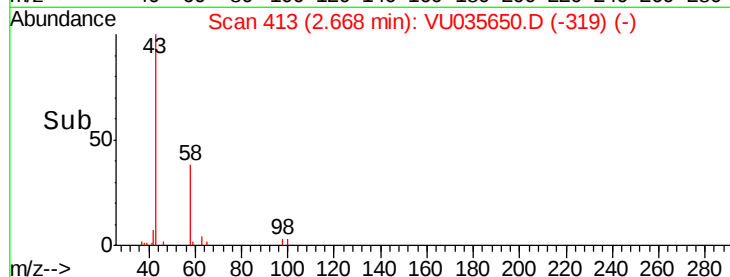
4000

2000

0

Time-->

2.60 2.65 2.70



#22

2-Butanone

Concen: 3.385 ug/L

RT: 4.77 min Scan# 1068

Delta R.T. 0.01 min

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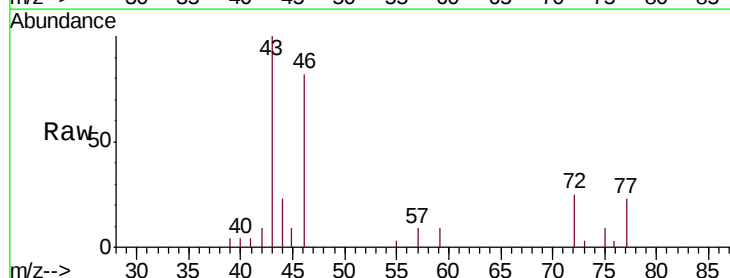
Acq: 06 Nov 2019 16:18

Tgt Ion: 43 Resp: 11232

Ion Ratio Lower Upper

43 100

72 11.4 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

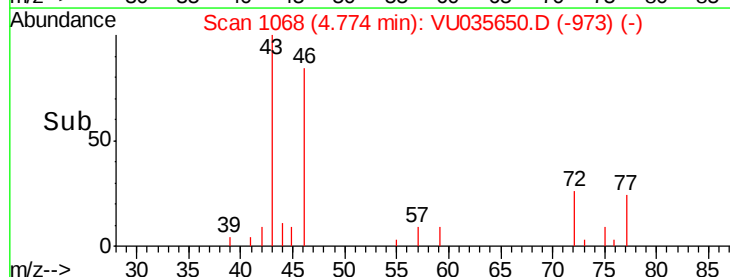
2000

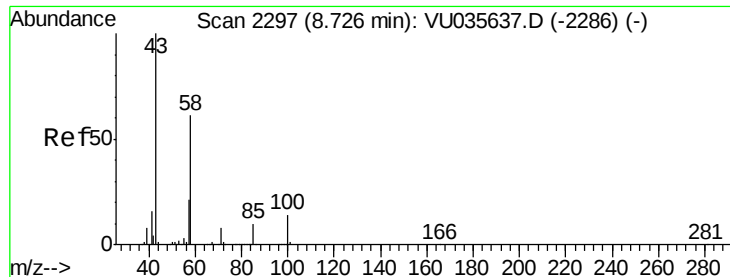
1000

0

Time-->

4.70 4.75 4.80 4.85

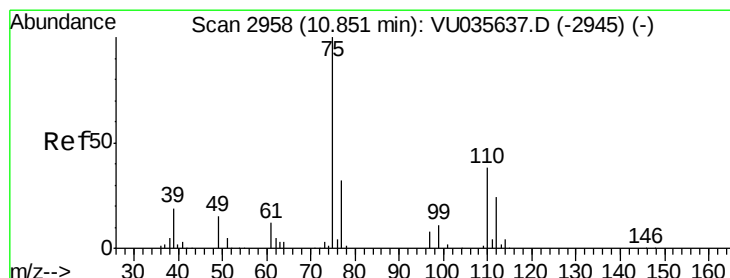
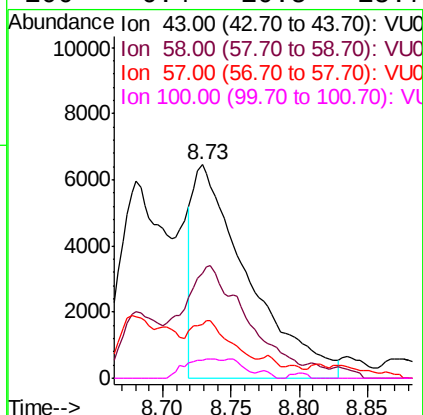
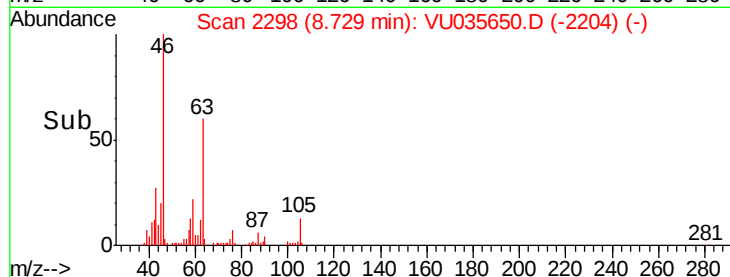
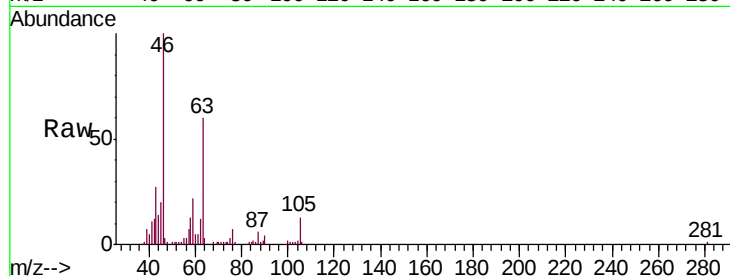




#48
2-Hexanone
Concen: 3.705 ug/L
RT: 8.73 min Scan# 2298
Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 18135
Ion Ratio Lower Upper
43 100
58 13.3 50.4 75.6#
57 11.6 17.4 26.0#
100 6.4 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 3.120 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035650.D
Acq: 06 Nov 2019 16:18

Tgt Ion: 75 Resp: 18305
Ion Ratio Lower Upper
75 100
77 34.5 25.7 38.5

