

Data File : VU035656.D
Acq On : 06 Nov 2019 18:35
Operator : JC/SP
Sample : K5697-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA4

Quant Time: Nov 07 04:52:21 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	615910	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	598601	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	174652	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	170715	34.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.64%
7) Chloroethane-d5	1.93	69	160297	40.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.70%
11) 1,1-Dichloroethene-d2	2.60	63	224377	29.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.00%#
21) 2-Butanone-d5	4.69	46	282327	97.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.16%
24) Chloroform-d	5.11	84	346891	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
26) 1,2-Dichloroethane-d4	5.75	65	220600	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
32) Benzene-d6	5.77	84	718440	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
36) 1,2-Dichloropropane-d6	6.74	67	240483	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.93	98	643978	43.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.52%
43) trans-1,3-Dichloropropene-	8.21	79	103572	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.68	63	172979	89.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.19%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	333372	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	12.22	152	178481	50.67	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.34%

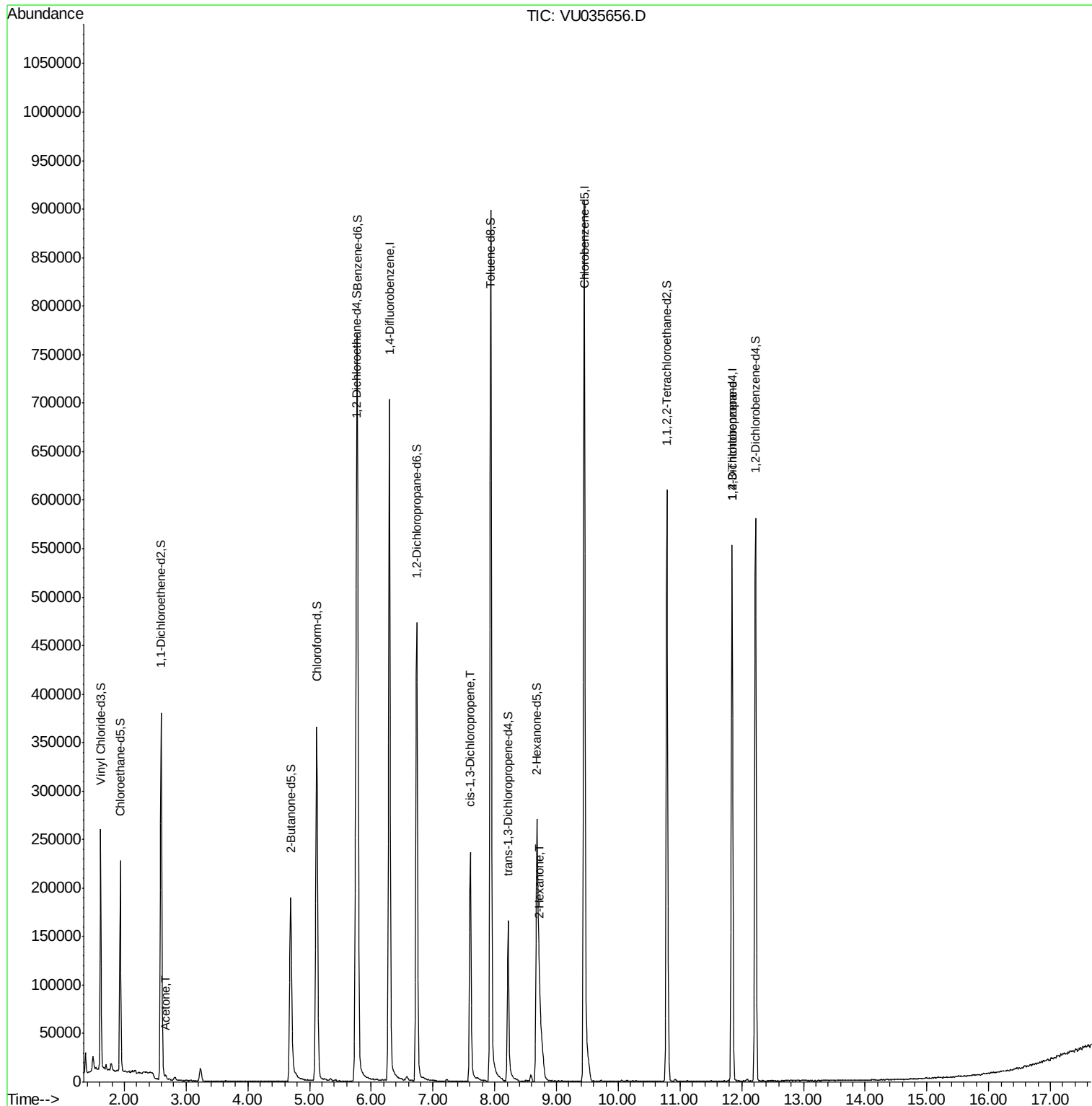
Target Compounds					Qvalue
13) Acetone	2.67	43	4345	1.700 ug/L	99
39) cis-1,3-Dichloropropene	7.60	75	5501	0.821 ug/L #	31
48) 2-Hexanone	8.73	43	21832	4.454 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	18583	3.163 ug/L	92

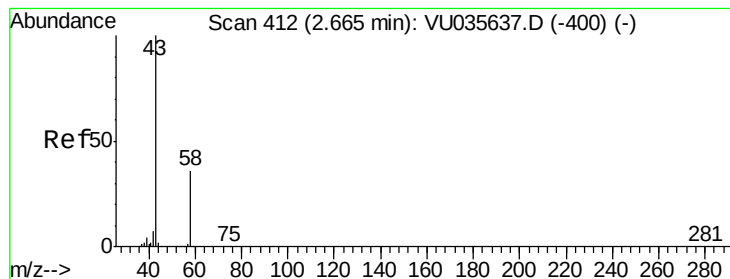
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.700 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

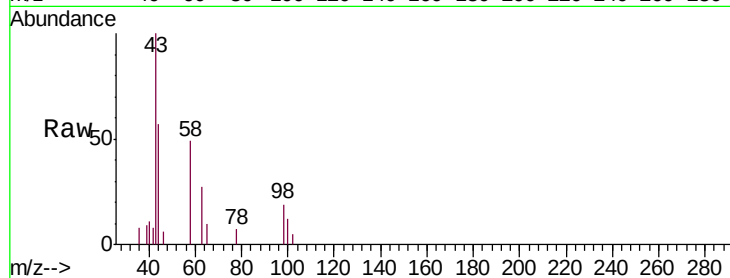
H0AA4

Tgt Ion: 43 Resp: 4345

Ion Ratio Lower Upper

43 100

58 35.7 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

2000

1500

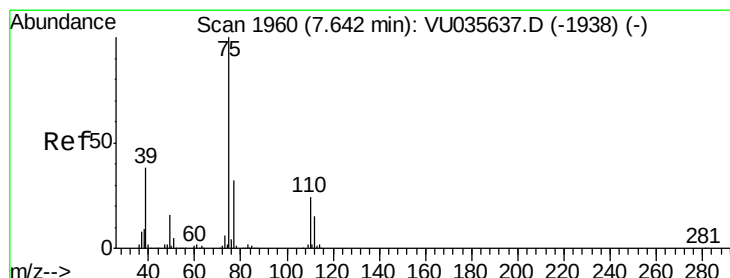
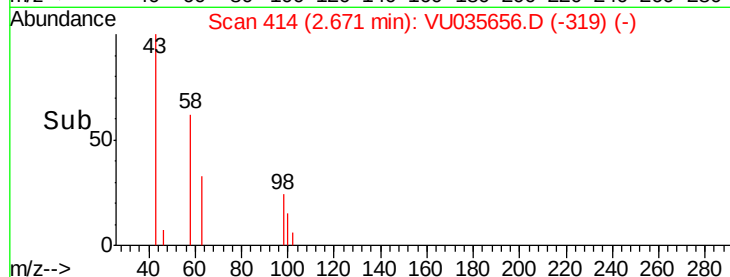
1000

500

0

2.65 2.70

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.821 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

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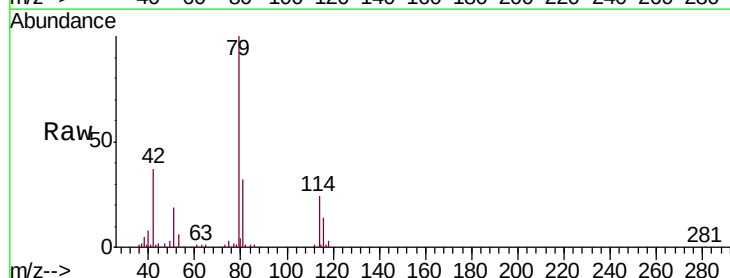
Acq: 06 Nov 2019 18:35

Tgt Ion: 75 Resp: 5501

Ion Ratio Lower Upper

75 100

77 70.3 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VU035637.D (-1938) (-)

Ion 77.00 (76.70 to 77.70): VU035637.D (-1938) (-)

7.60

3000

2500

2000

1500

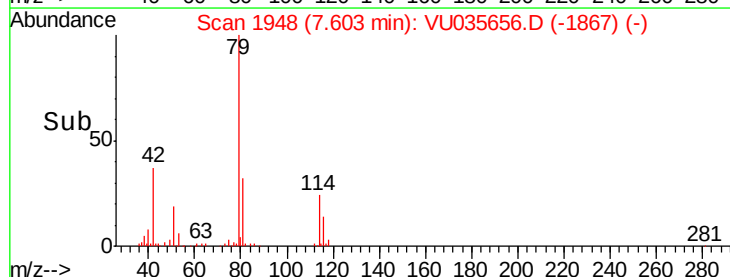
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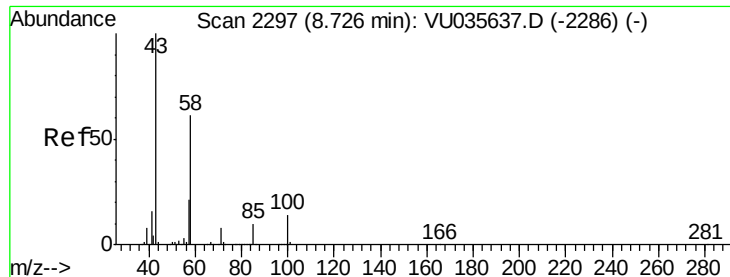
500

0

7.55 7.60 7.65

Time-->

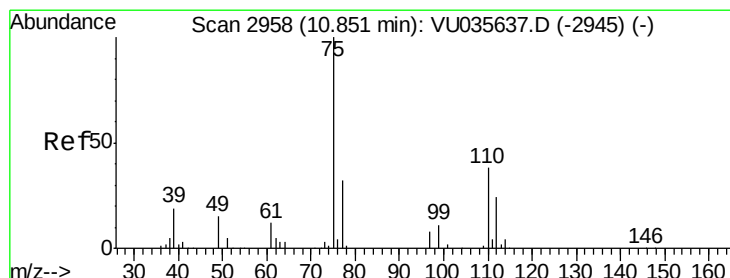
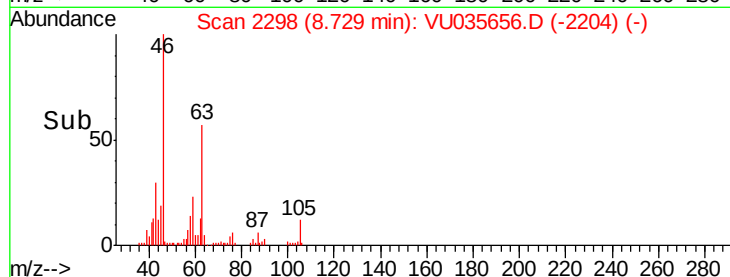
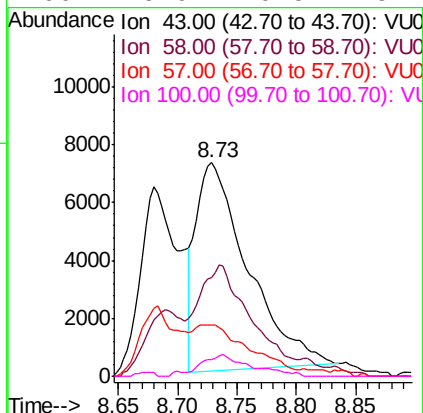
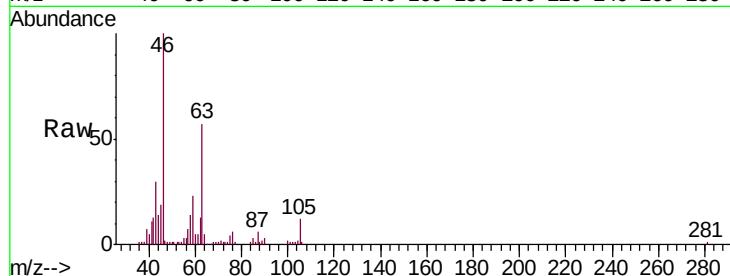




#48
 2-Hexanone
 Concen: 4.454 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. 0.00 min
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Tgt Ion: 43 Resp: 21832
 Ion Ratio Lower Upper
 43 100
 58 42.5 50.4 75.6#
 57 0.3 17.4 26.0#
 100 5.9 10.5 15.7#



#59
 1,2,3-Trichloropropane
 Concen: 3.163 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035656.D
 Acq: 06 Nov 2019 18:35

Tgt Ion: 75 Resp: 18583
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.7 38.5

