

Data File : VU035657.D
Acq On : 06 Nov 2019 18:58
Operator : JC/SP
Sample : K5697-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AA5

Quant Time: Nov 07 04:52:27 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	605817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	588389	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	174028	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	170506	34.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.70%
7) Chloroethane-d5	1.94	69	160374	41.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.08%
11) 1,1-Dichloroethene-d2	2.60	63	223174	29.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.66%#
21) 2-Butanone-d5	4.69	46	278025	97.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.27%
24) Chloroform-d	5.11	84	344047	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
26) 1,2-Dichloroethane-d4	5.75	65	217228	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
32) Benzene-d6	5.77	84	721296	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.74	67	235193	47.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.58%
41) Toluene-d8	7.93	98	641256	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	8.21	79	104853	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.54%
47) 2-Hexanone-d5	8.68	63	165631	86.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.89%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	332019	46.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.88%
64) 1,2-Dichlorobenzene-d4	12.22	152	174400	49.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.38%

Target Compounds

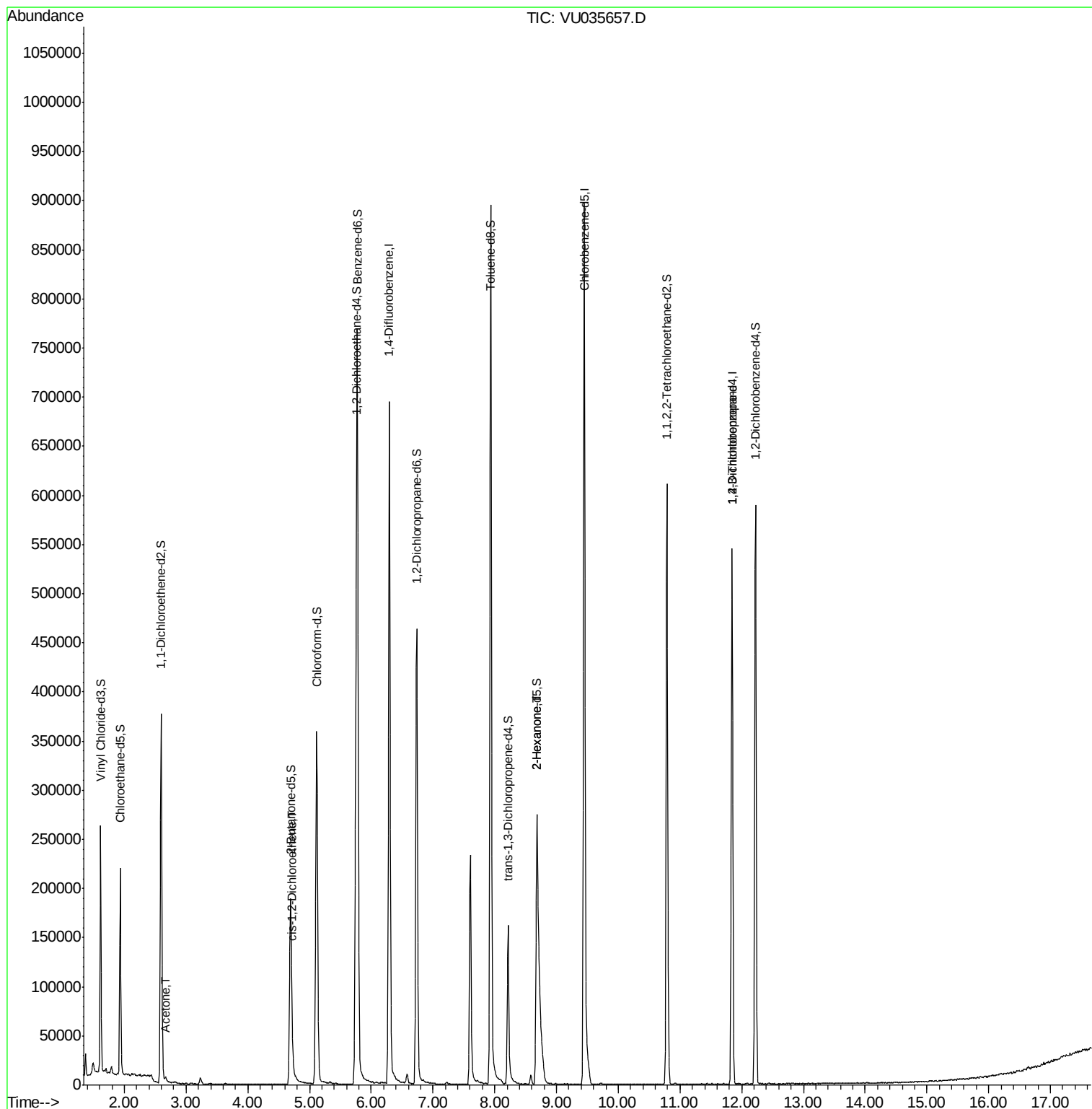
					Qvalue
13) Acetone	2.67	43	4524	1.799 ug/L	93
20) cis-1,2-Dichloroethene	4.72	96	5309	1.208 ug/L	95
48) 2-Hexanone	8.69	43	13320	2.765 ug/L #	63
59) 1,2,3-Trichloropropane	11.84	75	17620	3.052 ug/L	93

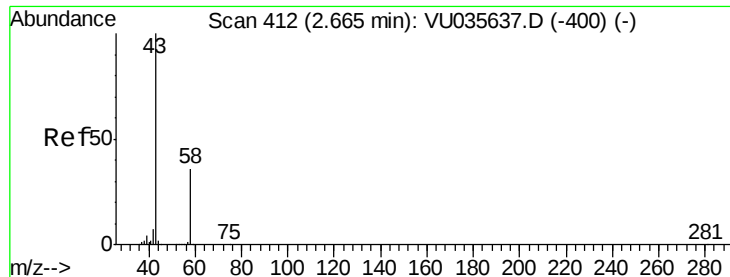
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.799 ug/L

RT: 2.67 min Scan# 413

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

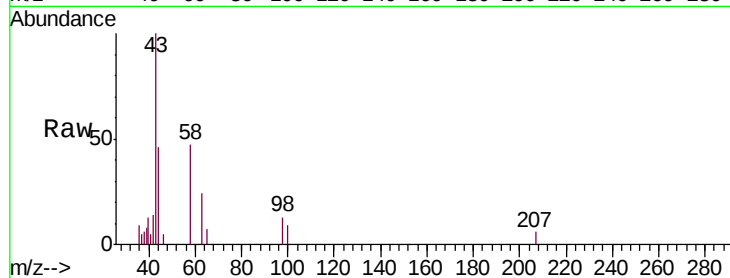
H0AA5

Tgt Ion: 43 Resp: 4524

Ion Ratio Lower Upper

43 100

58 38.9 0.0 70.0

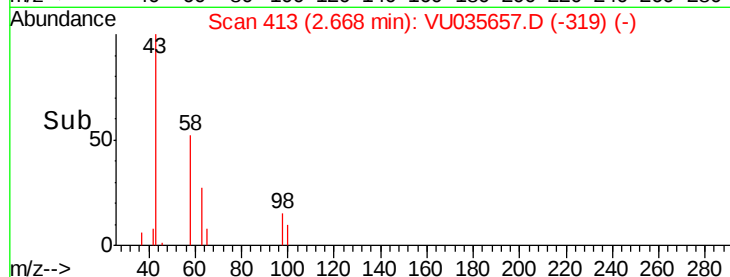


Abundance Ion 43.00 (42.70 to 43.70): VU035637.D (-400) (-)

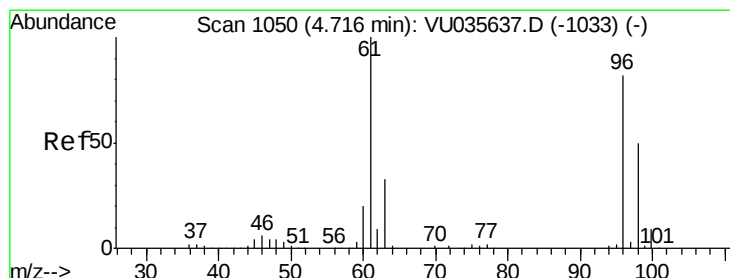
Ion 58.00 (57.70 to 58.70): VU035637.D (-400) (-)

2.67

2.65 2.70



Time-->



#20

cis-1,2-Dichloroethene

Concen: 1.208 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

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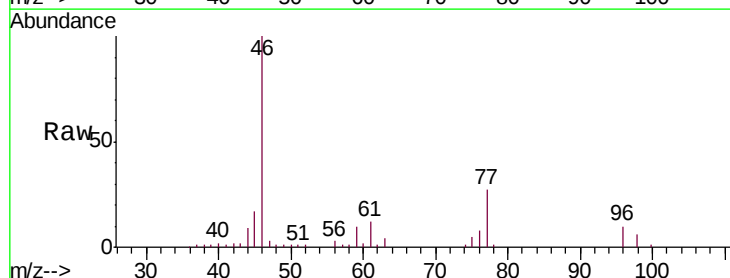
Tgt Ion: 96 Resp: 5309

Ion Ratio Lower Upper

96 100

61 123.3 90.6 168.3

68 0.0 0.0 0.0



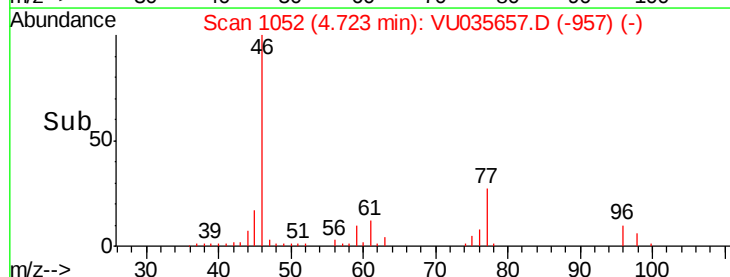
Abundance Ion 96.00 (95.70 to 96.70): VU035637.D (-1033) (-)

Ion 61.00 (60.70 to 61.70): VU035637.D (-1033) (-)

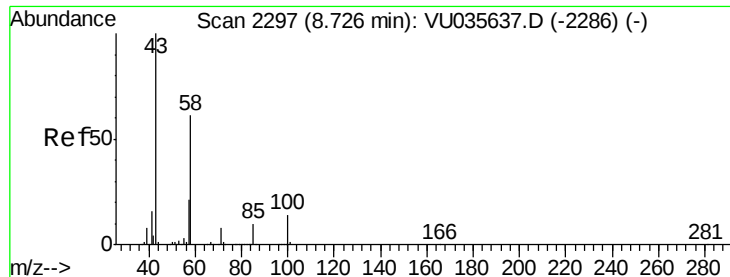
Ion 68.00 (67.70 to 68.70): VU035637.D (-1033) (-)

4.72

4.65 4.70 4.75 4.80



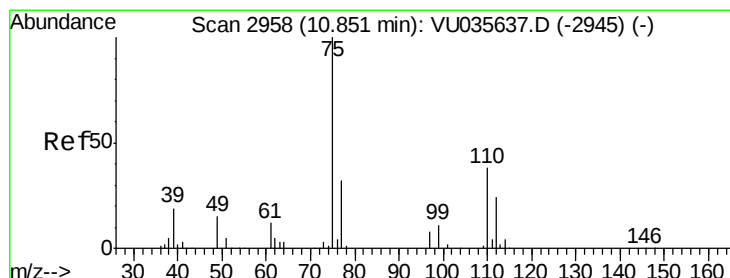
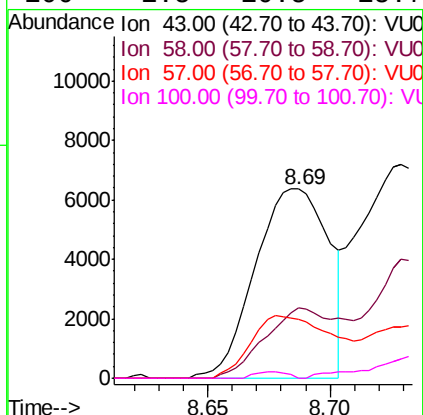
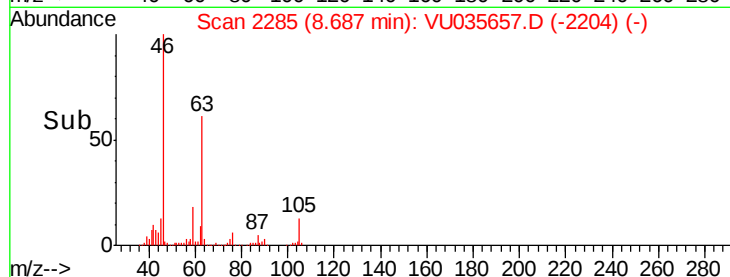
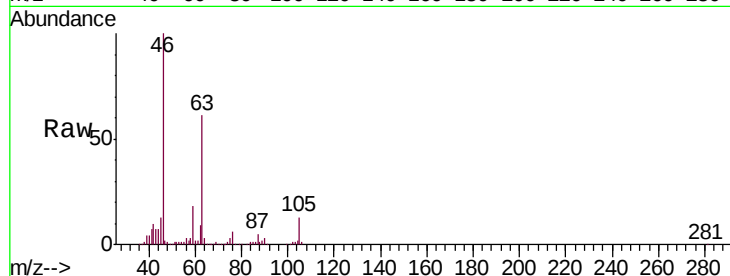
Time-->



#48
 2-Hexanone
 Concen: 2.765 ug/L
 RT: 8.69 min Scan# 2285
 Delta R.T. -0.04 min
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Tgt Ion: 43 Resp: 13320
 Ion Ratio Lower Upper
 43 100
 58 31.3 50.4 75.6#
 57 36.8 17.4 26.0#
 100 1.5 10.5 15.7#



#59
 1,2,3-Trichloropropane
 Concen: 3.052 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035657.D
 Acq: 06 Nov 2019 18:58

Tgt Ion: 75 Resp: 17620
 Ion Ratio Lower Upper
 75 100
 77 36.1 25.7 38.5

