

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025610.D
 Acq On : 23 Jul 2018 18:41
 Operator : MD/SY
 Sample : J4072-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 JJ1T2

Quant Time: Jul 24 09:11:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 24 02:07:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	318031	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	295573	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151669	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	62946	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.34%
7) Chloroethane-d5	1.68	69	57140	38.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.30%
11) 1,1-Dichloroethene-d2	2.27	63	108420	28.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.36%#
21) 2-Butanone-d5	4.18	46	154589	110.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.29%
24) Chloroform-d	4.65	84	172413	42.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.26%
26) 1,2-Dichloroethane-d4	5.31	65	120067	44.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.78%
32) Benzene-d6	5.35	84	326802	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
36) 1,2-Dichloropropane-d6	6.34	67	110710	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.57	98	316405	43.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.04%
43) trans-1,3-Dichloropropene-	7.85	79	51741	41.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.94%
47) 2-Hexanone-d5	8.31	63	117118	114.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160149	46.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.76%
64) 1,2-Dichlorobenzene-d4	11.86	152	139179	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%

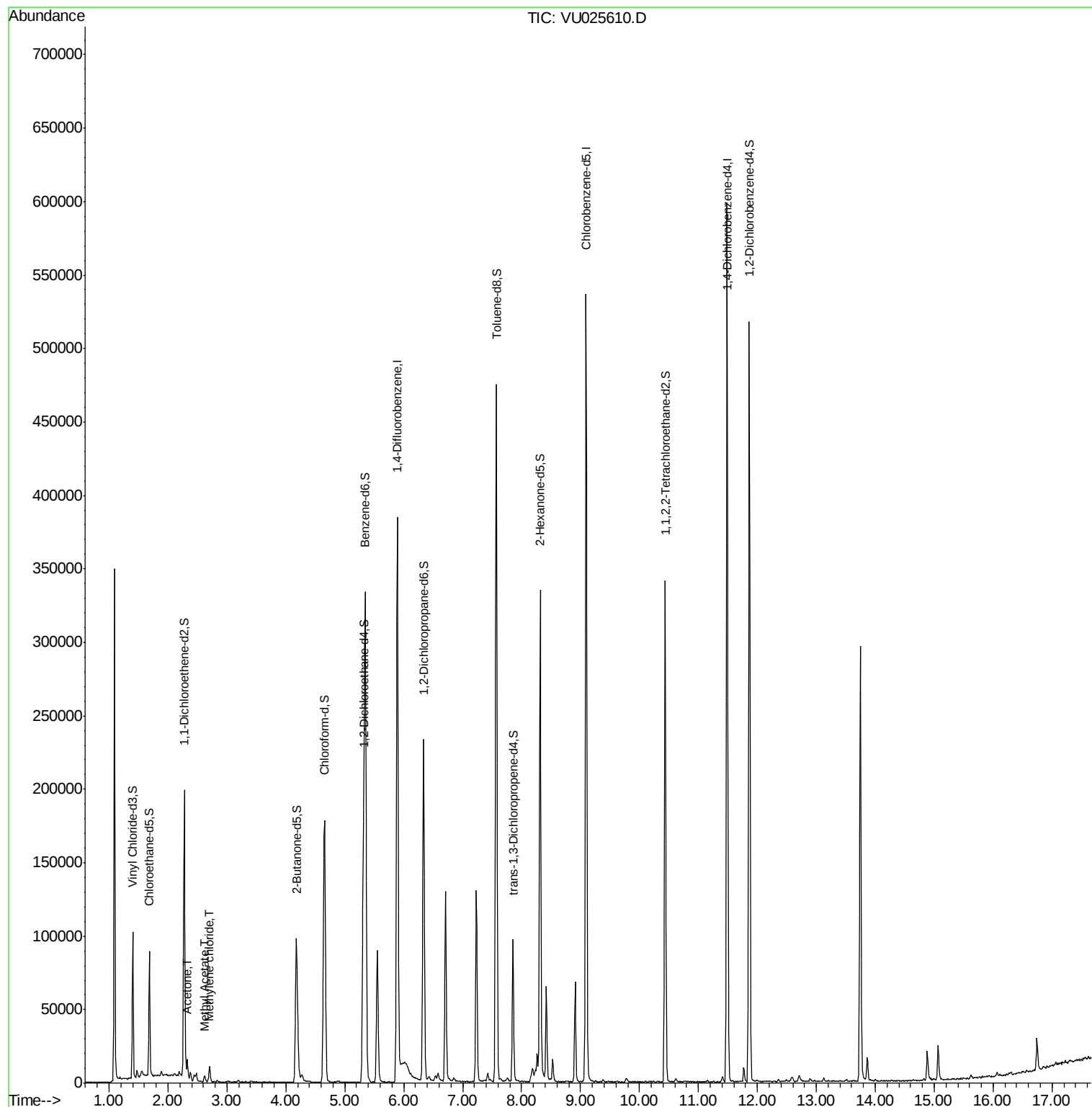
Target Compounds						Ovalue
13) Acetone	2.32	43	14617	8.88	ug/L	100
15) Methyl Acetate	2.62	43	4967	2.18	ug/L	98
16) Methylene chloride	2.70	84	4448	1.99	ug/L	92

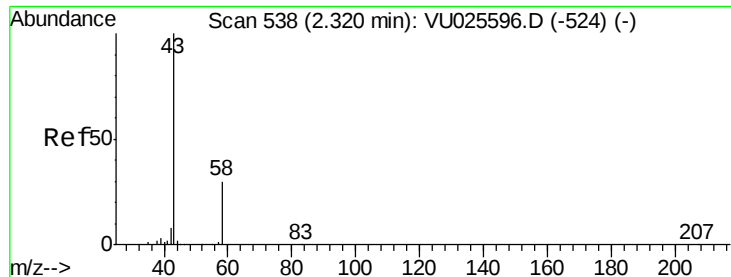
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.88 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

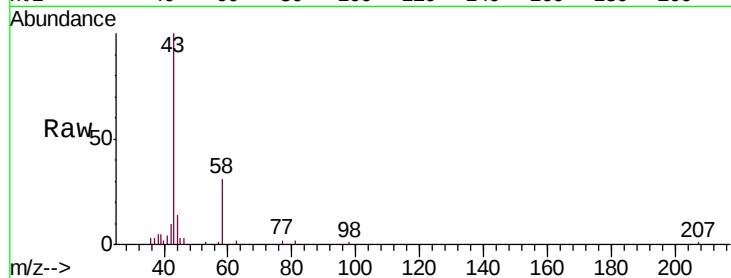
JJ1T2

Tot Ion: 43 Resp: 14617

Ion Ratio Lower Upper

43 100

58 30.4 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

8000

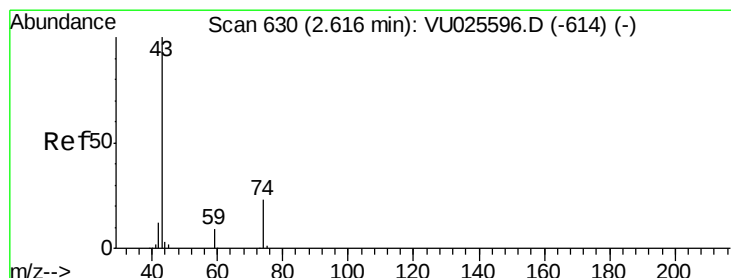
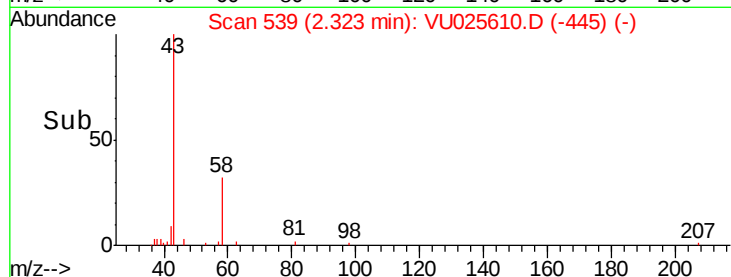
6000

4000

2000

0

Time--> 2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 2.18 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU025610.D

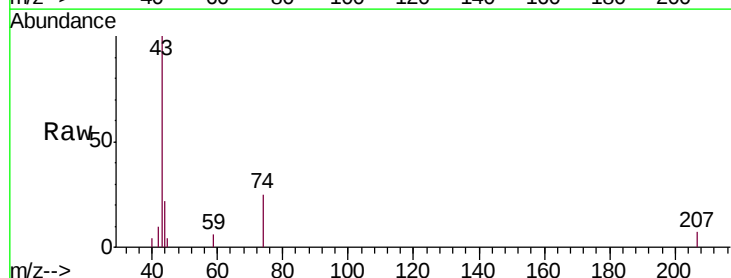
Acq: 23 Jul 2018 18:41

Tgt Ion: 43 Resp: 4967

Ion Ratio Lower Upper

43 100

74 23.7 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

3000

2500

2000

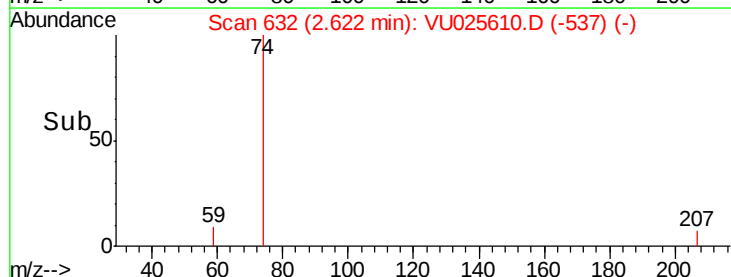
1500

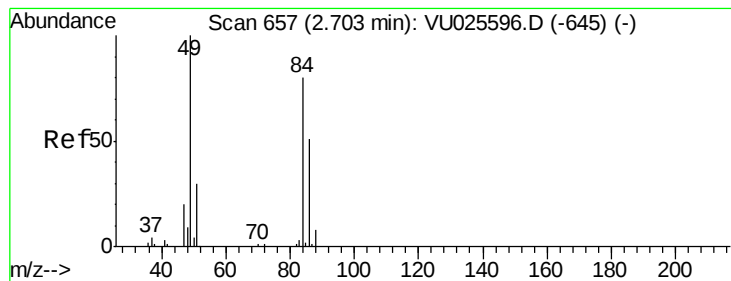
1000

500

0

Time--> 2.60 2.65





#16

Methylene chloride

Concen: 1.99 ug/L

RT: 2.70 min Scan# 657

Delta R.T. -0.00 min

Lab File: VU025610.D

Acq: 23 Jul 2018 18:41

Instrument :

MSVOA_U

ClientSampleId :

JJ1T2

Tot Ion: 84 Resp: 4448

Ion Ratio Lower Upper

84 100

86 59.5 45.6 84.6

49 133.5 87.0 161.6

