

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\
 Data File : VU025804.D
 Acq On : 02 Aug 2018 20:01
 Operator : MD/SY
 Sample : J4265-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB9

Quant Time: Aug 03 06:10:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:43:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	304139	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291672	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	146639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76439	44.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.04%
7) Chloroethane-d5	1.68	69	61794	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.30%
11) 1,1-Dichloroethene-d2	2.27	63	120348	33.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.58%
21) 2-Butanone-d5	4.18	46	135717	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.65	84	165587	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
26) 1,2-Dichloroethane-d4	5.31	65	115476	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
32) Benzene-d6	5.35	84	322288	43.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.16%
36) 1,2-Dichloropropane-d6	6.34	67	104612	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.80%
41) Toluene-d8	7.57	98	309391	43.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.26%
43) trans-1,3-Dichloropropene-	7.85	79	53241	43.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.48%
47) 2-Hexanone-d5	8.31	63	98408	97.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	143160	42.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	128873	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%

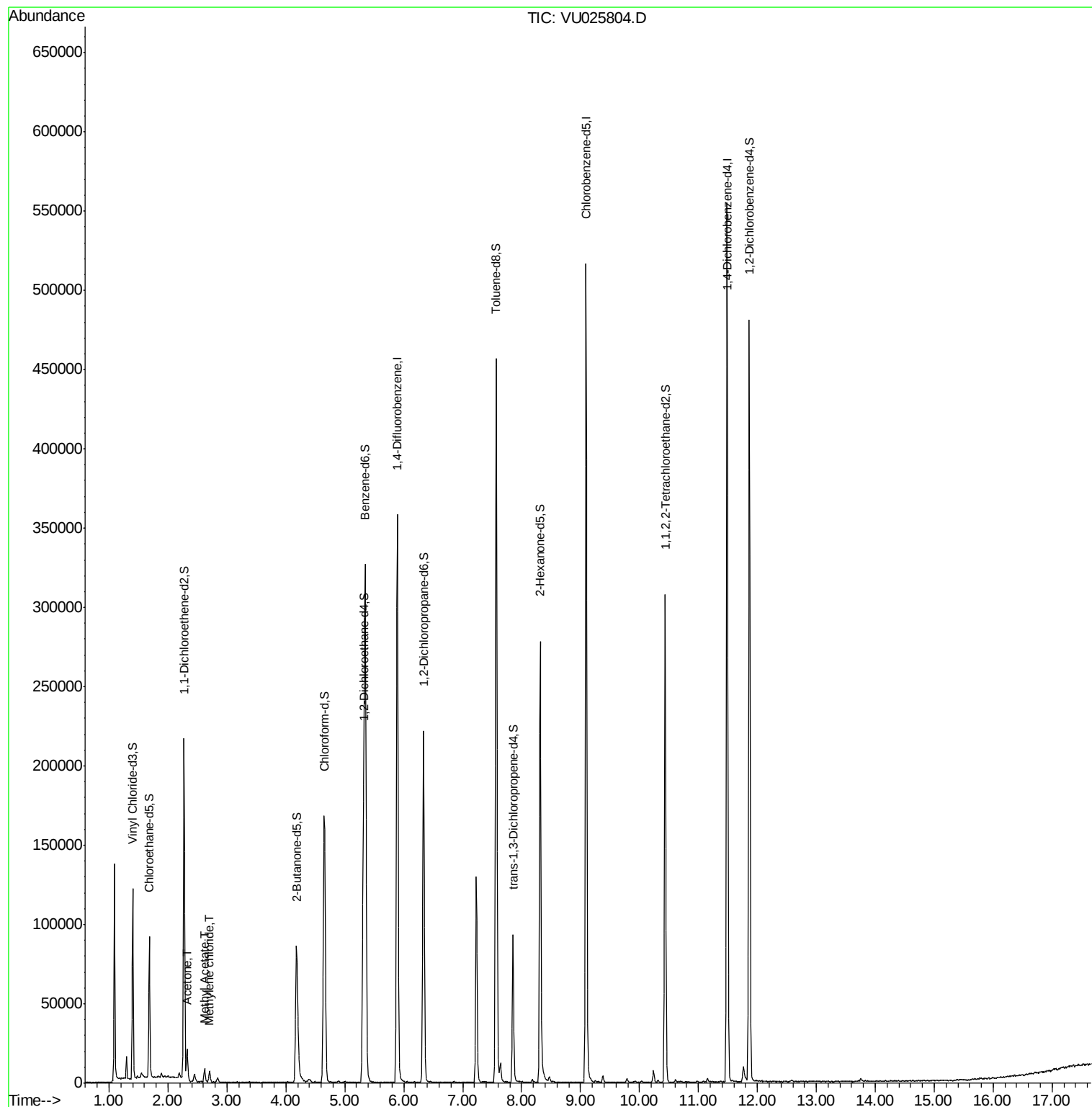
Target Compounds						Ovalue
13) Acetone	2.32	43	18622	11.84	ug/L	98
15) Methyl Acetate	2.62	43	9696	4.46	ug/L	100
16) Methylene chloride	2.71	84	3105	1.45	ug/L	95

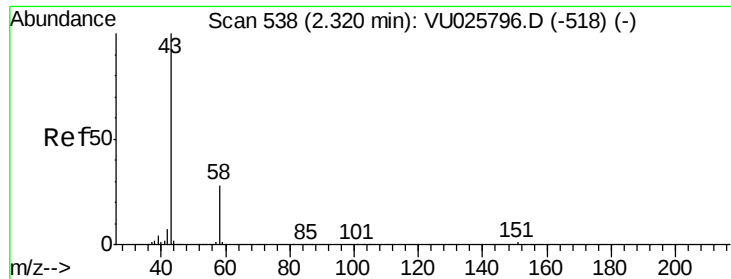
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.84 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025804.D

Acq: 02 Aug 2018 20:01

Instrument :

MSVOA_U

ClientSampleId :

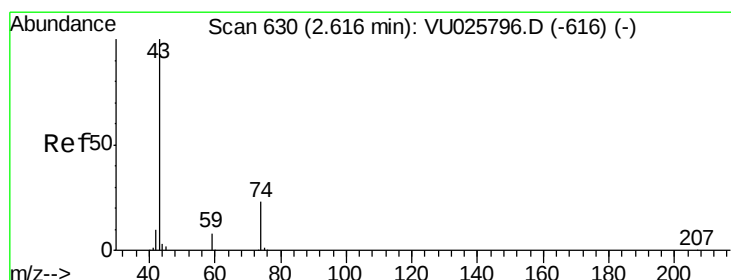
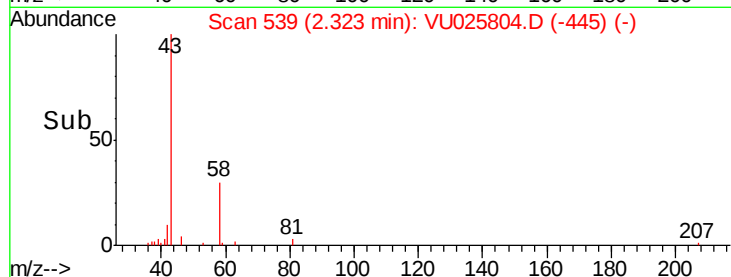
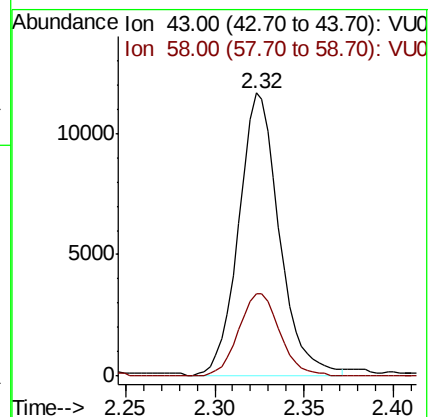
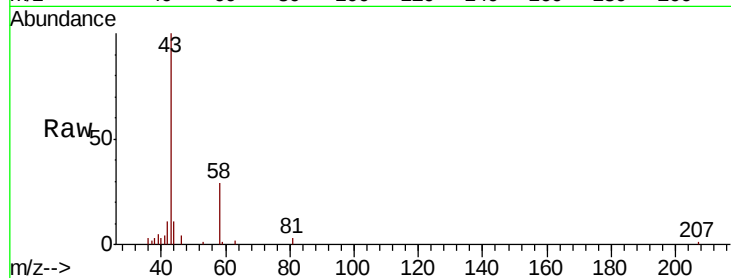
C0AB9

Tot Ion: 43 Resp: 18622

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.2



#15

Methyl Acetate

Concen: 4.46 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

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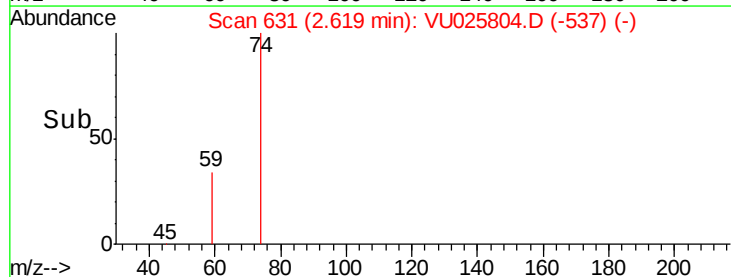
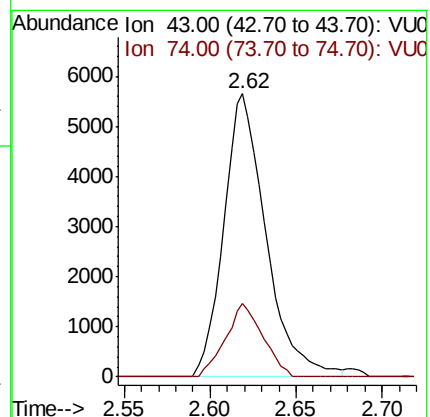
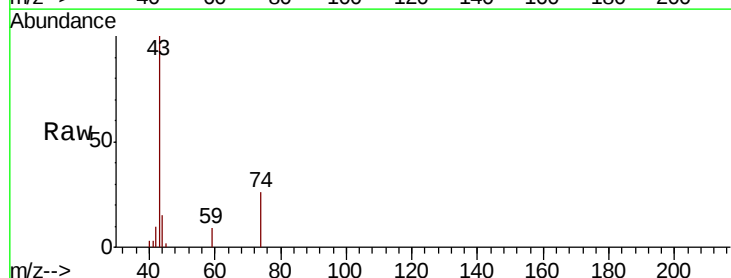
Acq: 02 Aug 2018 20:01

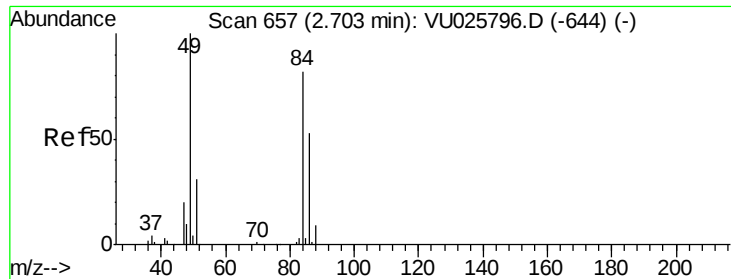
Tgt Ion: 43 Resp: 9696

Ion Ratio Lower Upper

43 100

74 22.8 18.3 27.5

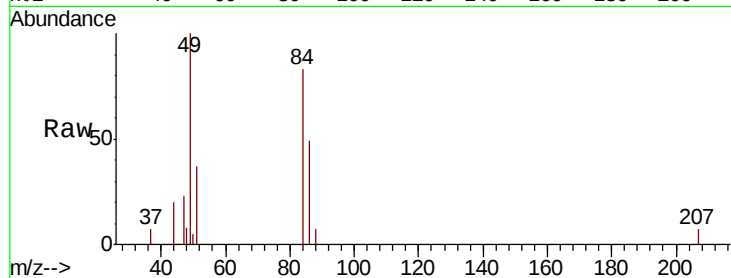




#16
 Methvlene chloride
 Concen: 1.45 ua/L
 RT: 2.71 min Scan# 658
 Delta R.T. 0.00 min
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 MSVOA_U
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 C0AB9

Tot Ion: 84 Resp: 3105
 Ion Ratio Lower Upper
 84 100
 86 59.2 45.6 84.6
 49 120.7 87.0 161.6



Abundance Ion 84.00 (83.70 to 84.70): VU0
 Ion 86.00 (85.70 to 86.70): VU0
 Ion 49.00 (48.70 to 49.70): VU0

