

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025599.D
 Acq On : 23 Jul 2018 14:01
 Operator : MD/SY
 Sample : VLEB#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB#03

Quant Time: Jul 24 02:19:23 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	329920	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311193	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	155960	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69143	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.42%
7) Chloroethane-d5	1.68	69	62600	40.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.58%
11) 1,1-Dichloroethene-d2	2.27	63	114624	29.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.46%#
21) 2-Butanone-d5	4.18	46	159989	110.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.03%
24) Chloroform-d	4.65	84	184623	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	126319	45.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.06%
32) Benzene-d6	5.35	84	351629	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.12%
36) 1,2-Dichloropropane-d6	6.34	67	115757	45.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.02%
41) Toluene-d8	7.57	98	334208	43.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.32%
43) trans-1,3-Dichloropropene-	7.85	79	60638	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.32%
47) 2-Hexanone-d5	8.31	63	121560	112.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.89%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	168746	46.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	146360	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

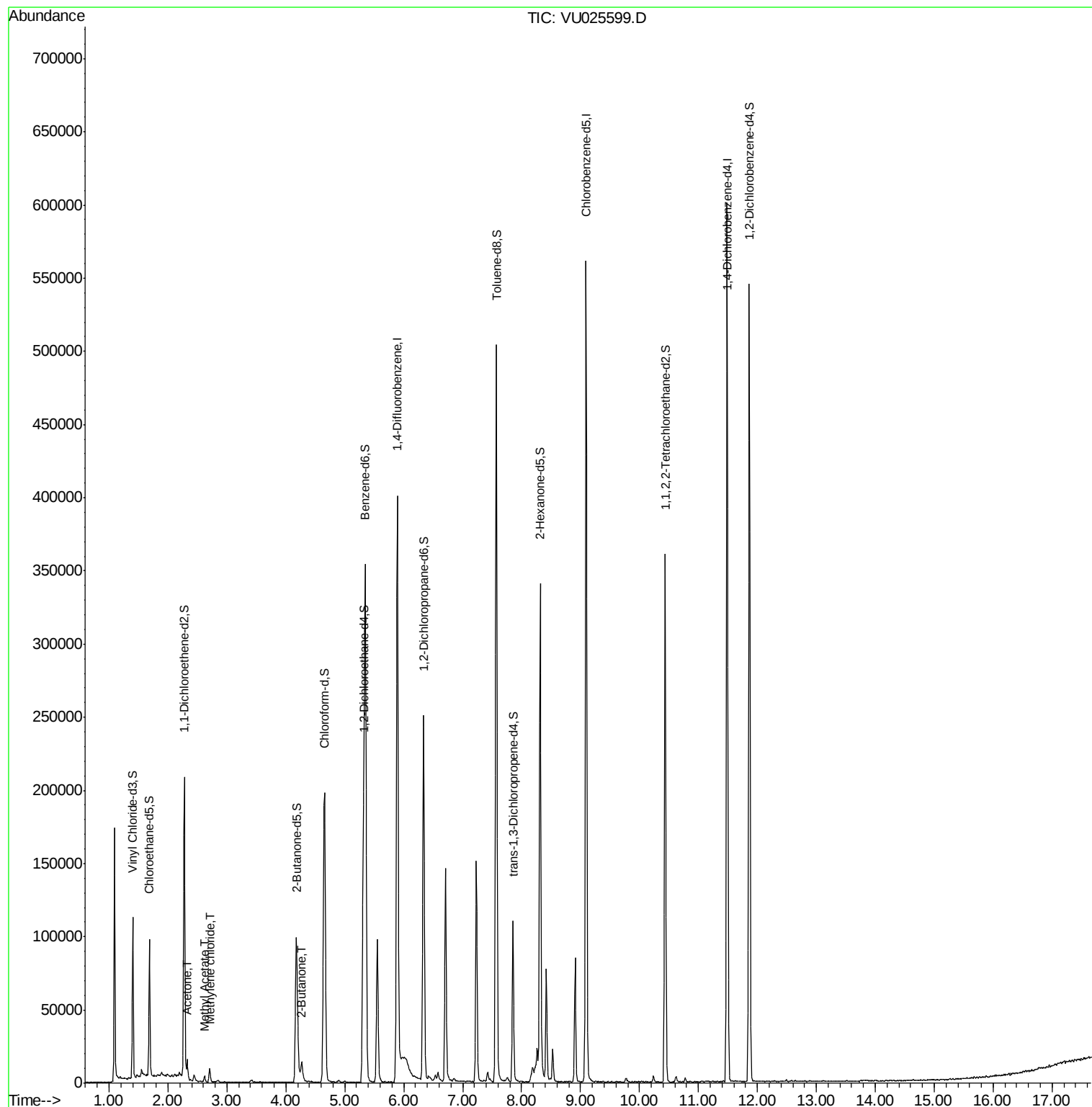
					Ovalue
13) Acetone	2.32	43	12204	7.15	ug/L 97
15) Methyl Acetate	2.62	43	4484	1.90	ug/L 92
16) Methylene chloride	2.71	84	4404	1.90	ug/L 93
22) 2-Butanone	4.27	43	18125	9.54	ug/L 99

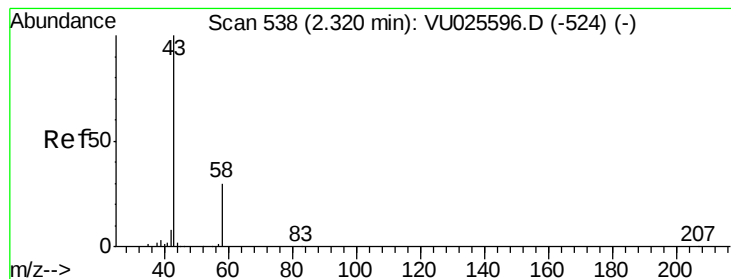
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.15 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Acq: 23 Jul 2018 14:01

Instrument :

MSVOA_U

ClientSampleId :

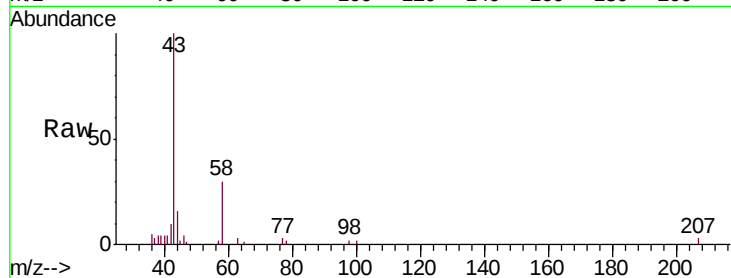
VLEB#03

Tot Ion: 43 Resp: 12204

Ion Ratio Lower Upper

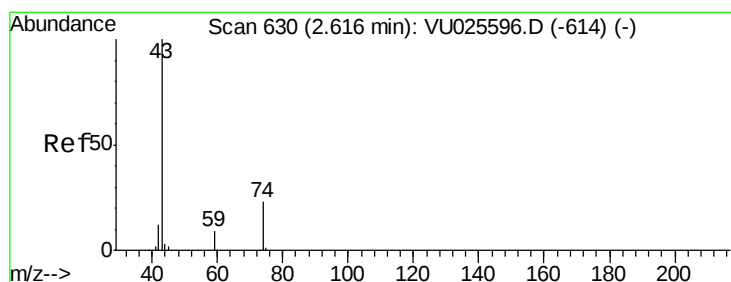
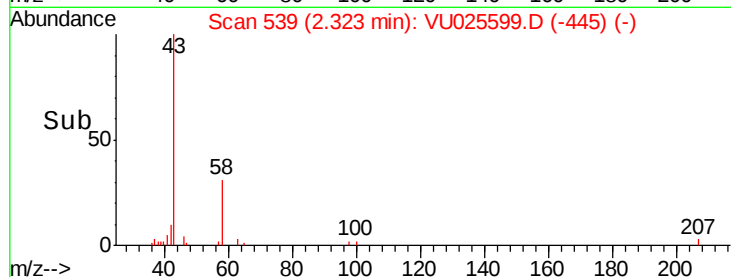
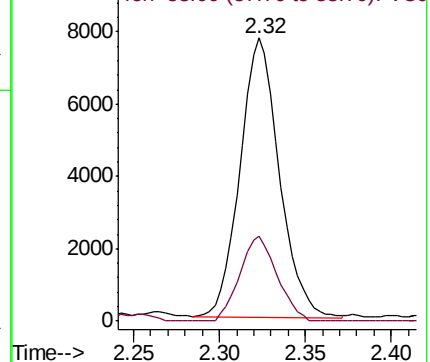
43 100

58 28.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 1.90 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025599.D

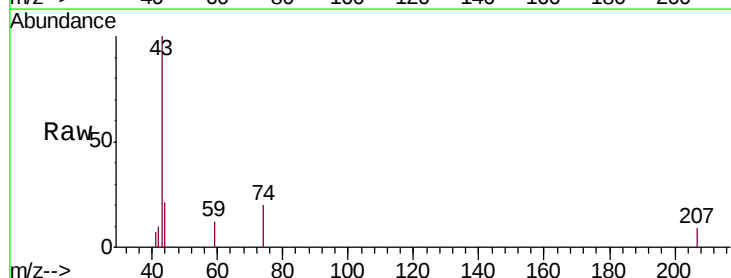
Acq: 23 Jul 2018 14:01

Tgt Ion: 43 Resp: 4484

Ion Ratio Lower Upper

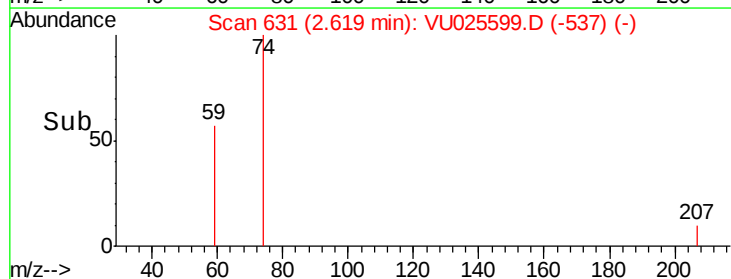
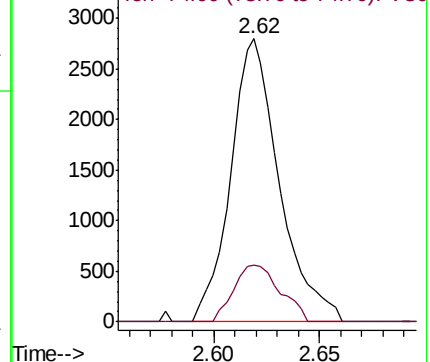
43 100

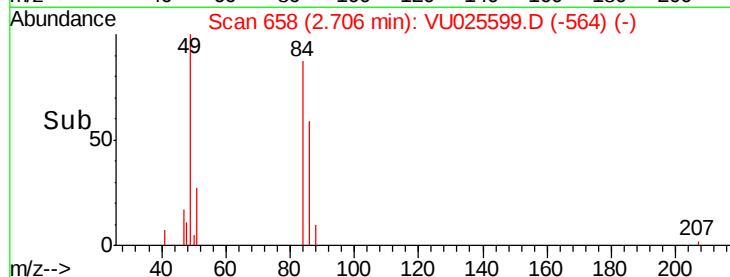
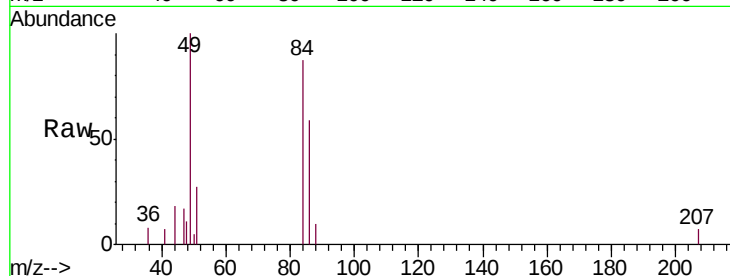
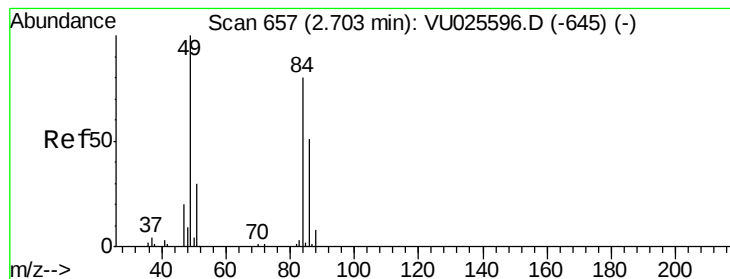
74 19.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#16

Methylene chloride

Concen: 1.90 ug/L

RT: 2.71 min Scan# 658

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

VLEB#03

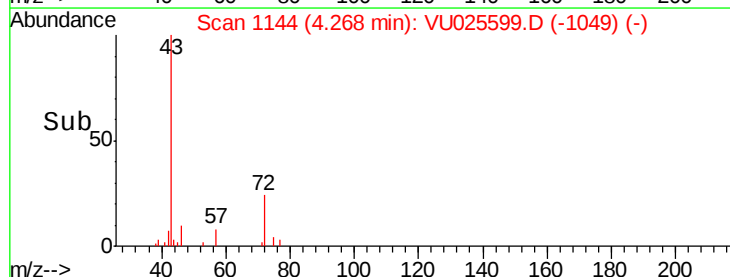
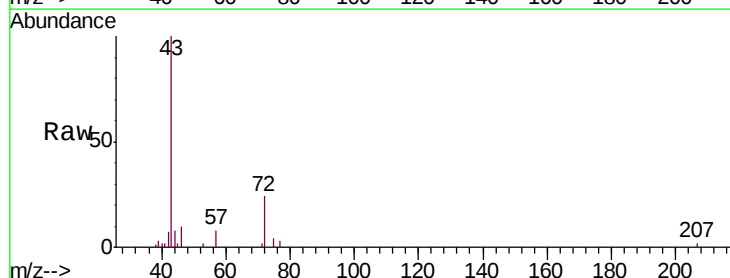
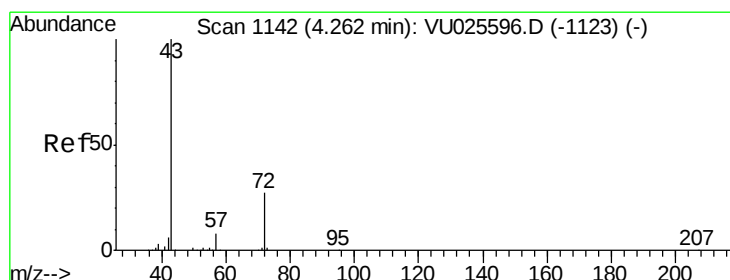
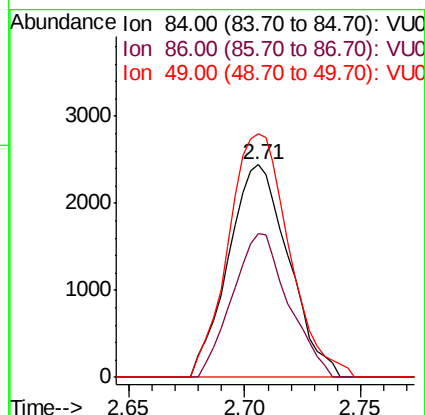
Tot Ion: 84 Resp: 4404

Ion Ratio Lower Upper

84 100

86 67.4 45.6 84.6

49 114.5 87.0 161.6



#22

2-Butanone

Concen: 9.54 ug/L

RT: 4.27 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VU025599.D

Acq: 23 Jul 2018 14:01

Tgt Ion: 43 Resp: 18125

Ion Ratio Lower Upper

43 100

72 27.8 13.6 40.8

