

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025436.D
 Acq On : 16 Jul 2018 20:08
 Operator : MD/SY
 Sample : PB111022ZHE#04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111022ZHE#04

Quant Time: Jul 17 09:13:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	348523	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	311669	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140369	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	78436	41.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.70%
7) Chloroethane-d5	1.68	69	68155	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.58%
11) 1,1-Dichloroethene-d2	2.27	63	121155	29.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.84%#
21) 2-Butanone-d5	4.18	46	187931	99.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.25%
24) Chloroform-d	4.65	84	189515	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
26) 1,2-Dichloroethane-d4	5.31	65	134818	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.35	84	361756	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.34	67	120013	47.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.76%
41) Toluene-d8	7.57	98	342948	44.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.14%
43) trans-1,3-Dichloropropene-	7.85	79	53662	41.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.52%
47) 2-Hexanone-d5	8.31	63	144433	106.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.90%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	176437	45.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	135949	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%

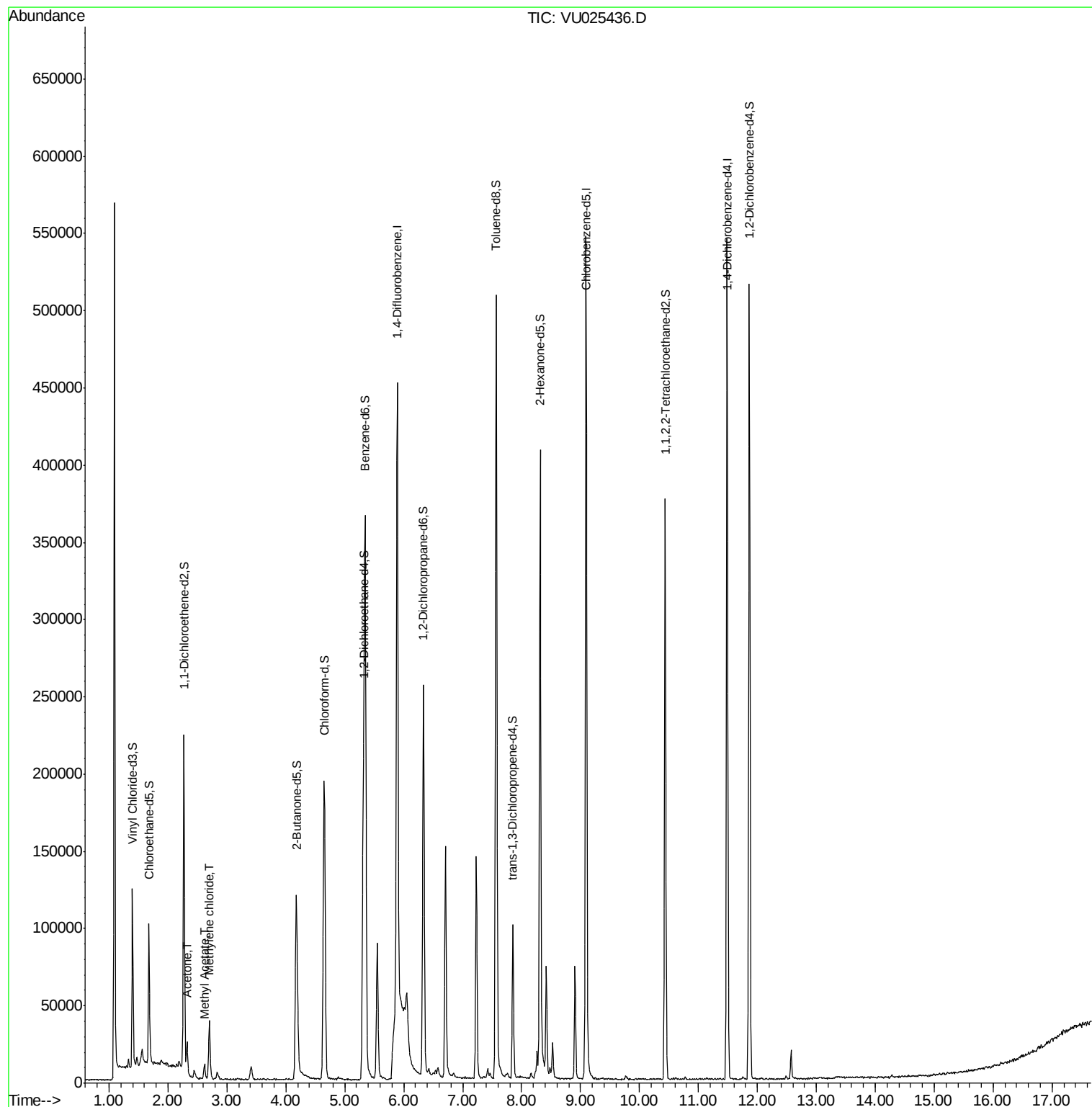
Target Compounds					Ovalue
13) Acetone	2.32	43	18765	9.41 ug/L	97
15) Methyl Acetate	2.62	43	10894	3.68 ug/L	99
16) Methylene chloride	2.70	84	17471	6.60 ug/L	90

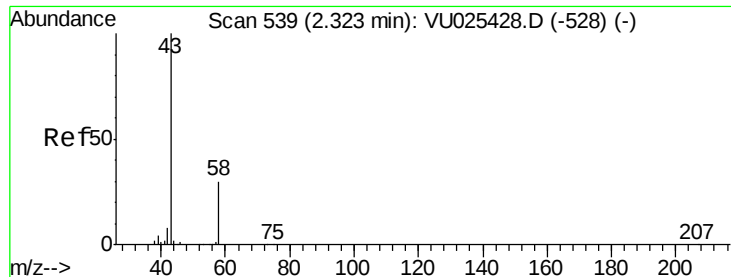
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.41 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025436.D

Acq: 16 Jul 2018 20:08

Instrument :

MSVOA_U

ClientSampleId :

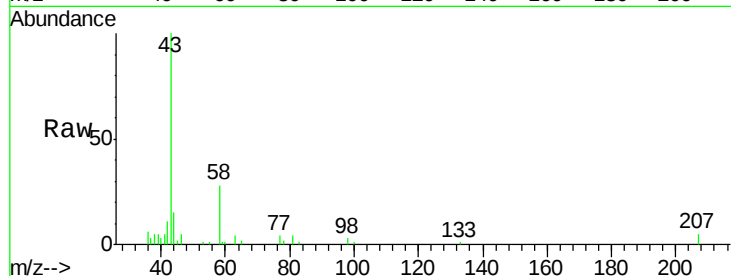
PB111022ZHE#04

Tot Ion: 43 Resp: 18765

Ion Ratio Lower Upper

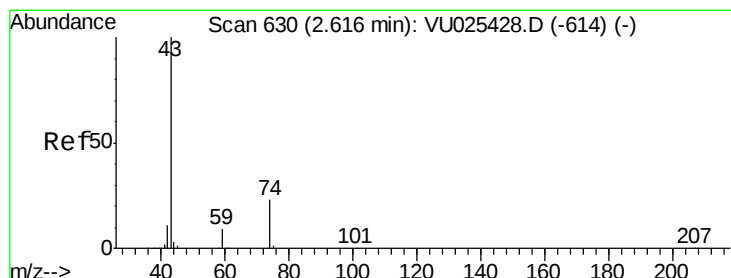
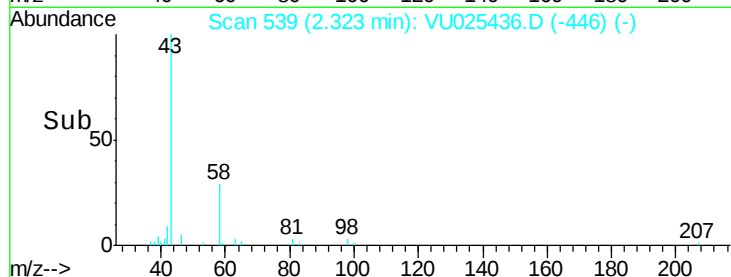
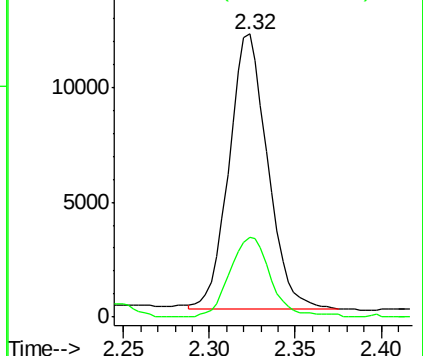
43 100

58 30.6 0.0 58.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 3.68 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025436.D

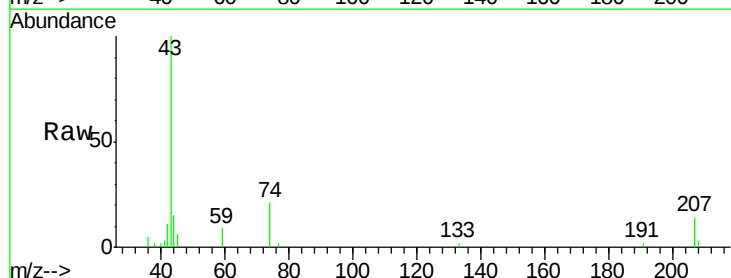
Acq: 16 Jul 2018 20:08

Tgt Ion: 43 Resp: 10894

Ion Ratio Lower Upper

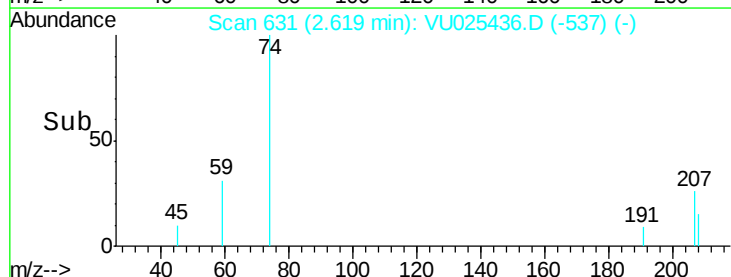
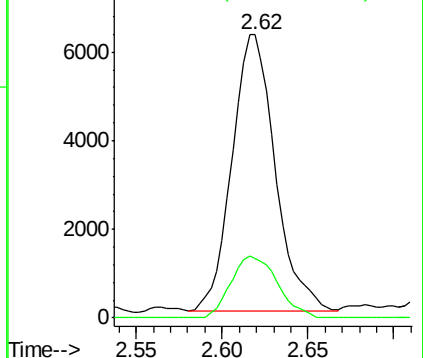
43 100

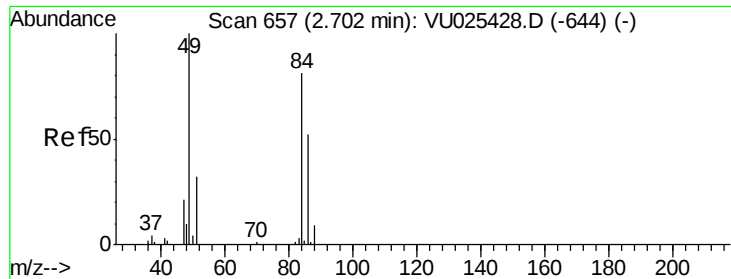
74 23.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



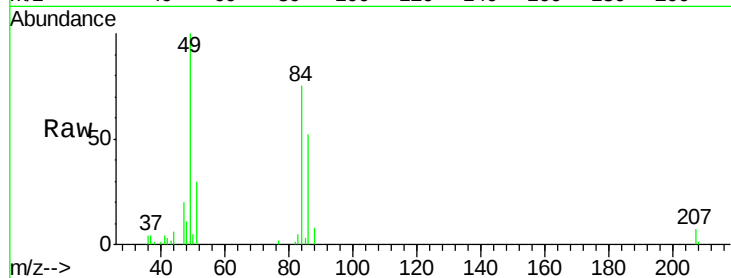


#16
Methylene chloride
Concen: 6.60 ug/L
RT: 2.70 min Scan# 656
Delta R.T. -0.00 min
Lab File: VU025436.D
Acq: 16 Jul 2018 20:08

Instrument :
MSVOA_U
ClientSampleId :
PB111022ZHE#04

Tot Ion: 84 Resp: 17471

Ion	Ratio	Lower	Upper
84	100		
86	68.9	45.2	84.0
49	133.9	83.6	155.2



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

