

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025435.D
 Acq On : 16 Jul 2018 19:43
 Operator : MD/SY
 Sample : PB111022ZHE#03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111022ZHE#03

Quant Time: Jul 17 09:13:29 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	341655	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306951	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	136852	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80510	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.64%
7) Chloroethane-d5	1.67	69	68701	45.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.08%
11) 1,1-Dichloroethene-d2	2.27	63	124253	31.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.60%
21) 2-Butanone-d5	4.18	46	196591	105.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.91%
24) Chloroform-d	4.65	84	192320	44.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.24%
26) 1,2-Dichloroethane-d4	5.31	65	136307	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
32) Benzene-d6	5.34	84	374477	48.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.12%
36) 1,2-Dichloropropane-d6	6.33	67	123586	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.57	98	346762	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.85	79	56737	44.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.66%
47) 2-Hexanone-d5	8.31	63	149634	112.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.45%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	181099	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	136870	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%

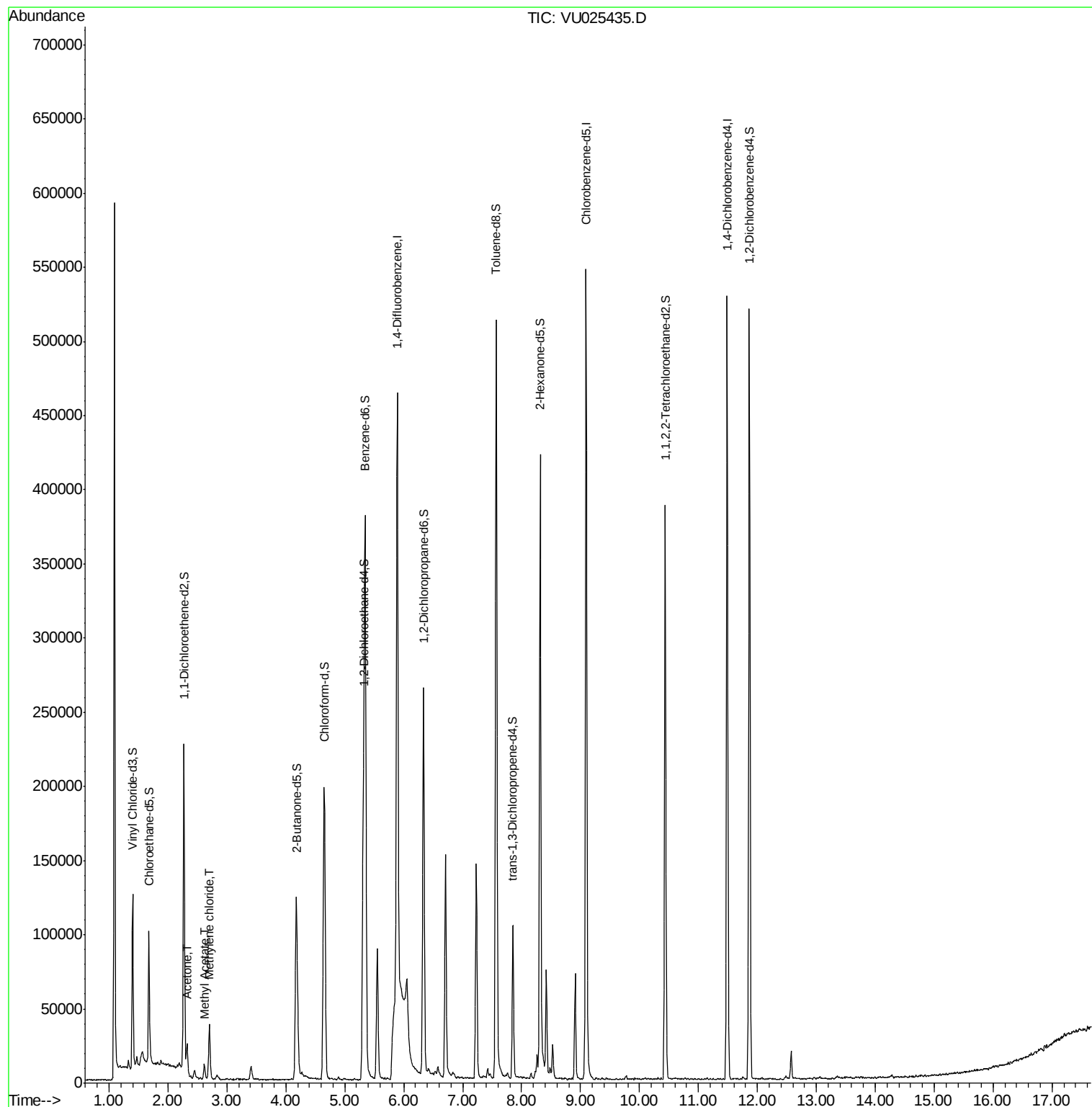
Target Compounds					Ovalue
13) Acetone	2.32	43	19745	10.10 ug/L	98
15) Methyl Acetate	2.62	43	11464	3.95 ug/L	98
16) Methylene chloride	2.70	84	16630	6.41 ug/L	97

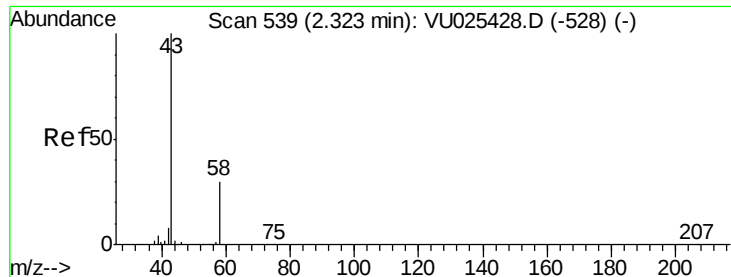
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.10 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

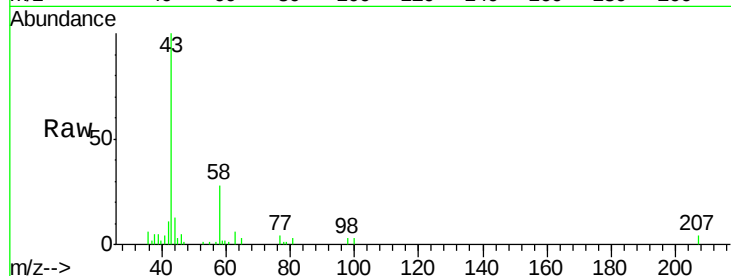
PB111022ZHE#03

Tot Ion: 43 Resp: 19745

Ion Ratio Lower Upper

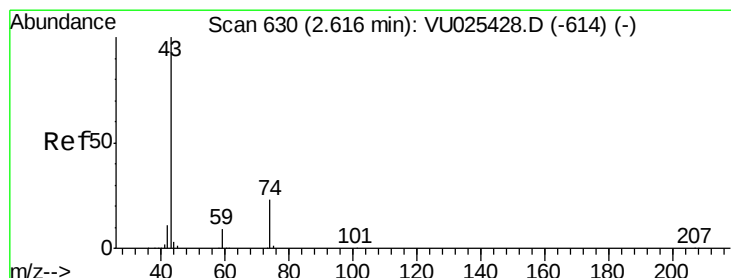
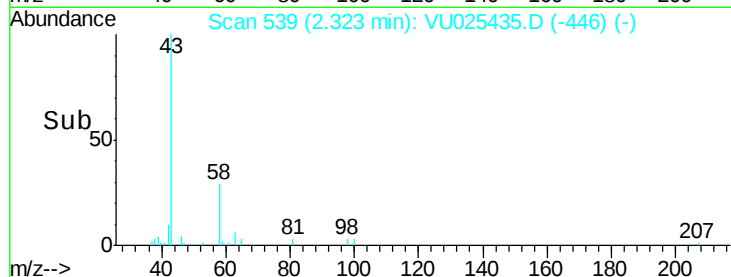
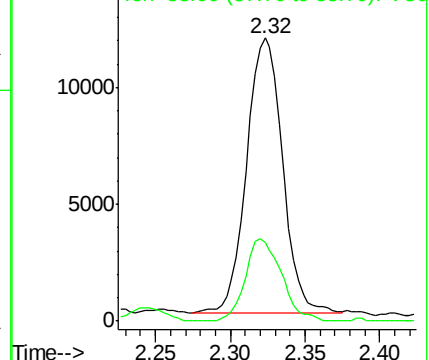
43 100

58 30.1 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: 3.95 ug/L

RT: 2.62 min Scan# 630

Delta R.T. 0.00 min

Lab File: VU025435.D

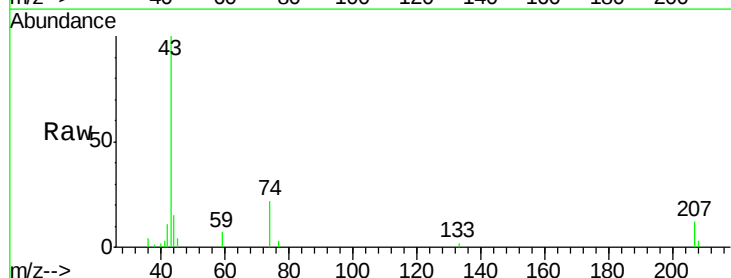
Acq: 16 Jul 2018 19:43

Tgt Ion: 43 Resp: 11464

Ion Ratio Lower Upper

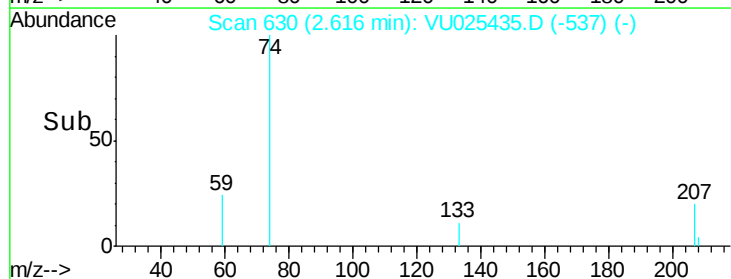
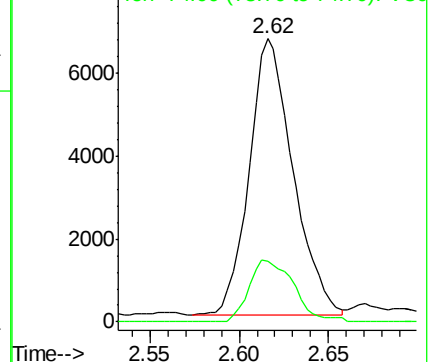
43 100

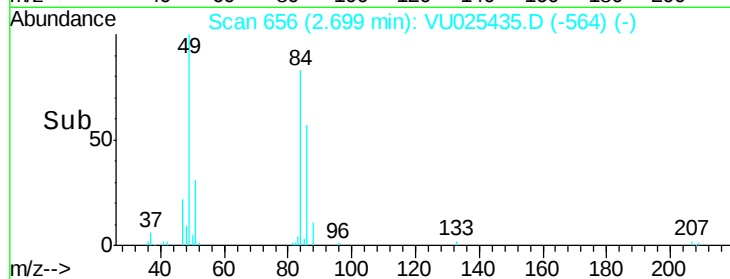
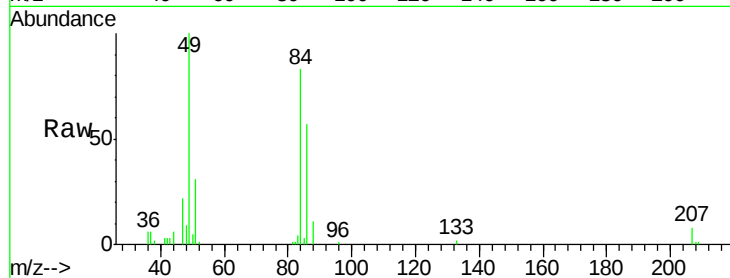
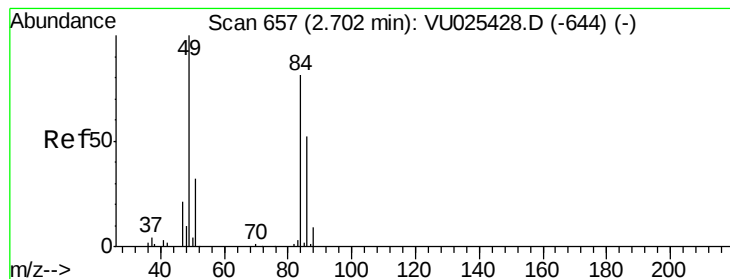
74 22.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#16

Methylene chloride

Concen: 6.41 ug/L

RT: 2.70 min Scan# 656

Delta R.T. -0.00 min

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ClientSampleId :

PB111022ZHE#03

Tot Ion: 84 Resp: 16630

Ion Ratio Lower Upper

84 100

86 68.7 45.2 84.0

49 120.6 83.6 155.2

