

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025434.D
 Acq On : 16 Jul 2018 19:18
 Operator : MD/SY
 Sample : PB111022ZHE#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111022ZHE#02

Quant Time: Jul 17 09:13:15 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	341796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310364	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	139114	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80207	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.28%
7) Chloroethane-d5	1.67	69	69103	45.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.58%
11) 1,1-Dichloroethene-d2	2.27	63	124636	31.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.76%
21) 2-Butanone-d5	4.18	46	196934	106.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.05%
24) Chloroform-d	4.65	84	190406	43.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.34%
26) 1,2-Dichloroethane-d4	5.31	65	134810	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
32) Benzene-d6	5.35	84	369335	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.74%
36) 1,2-Dichloropropane-d6	6.34	67	124730	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.57	98	349261	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.85	79	55290	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.40%
47) 2-Hexanone-d5	8.31	63	159066	118.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.22%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	183562	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	139914	48.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.26%

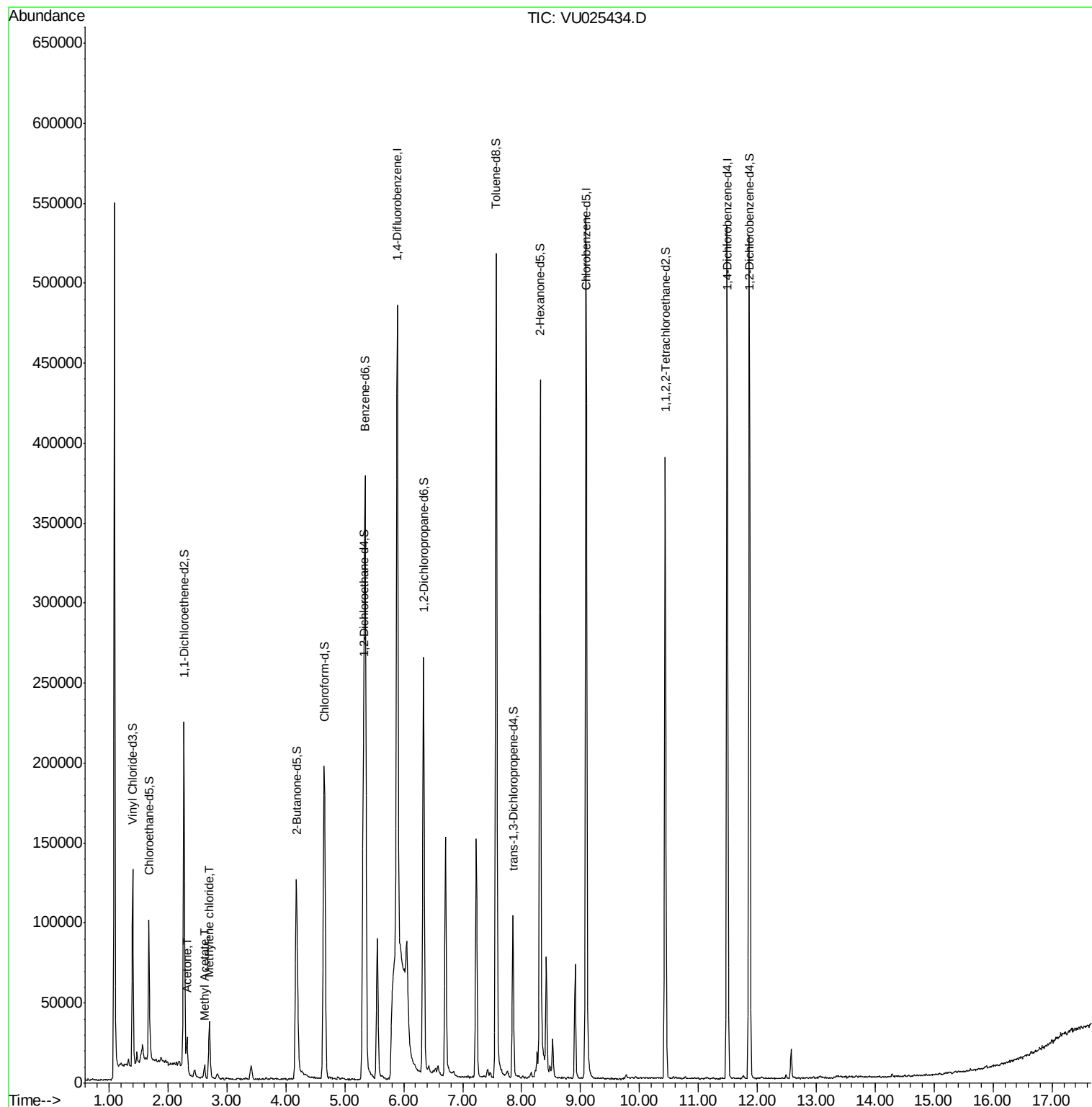
Target Compounds					Ovalue
13) Acetone	2.32	43	19978	10.22 ug/L	99
15) Methyl Acetate	2.62	43	9422	3.24 ug/L	100
16) Methylene chloride	2.70	84	16264	6.27 ug/L	96

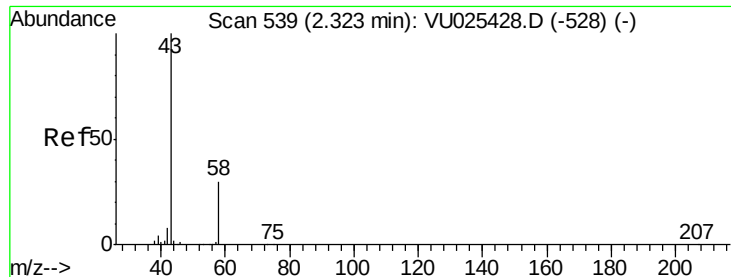
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.22 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

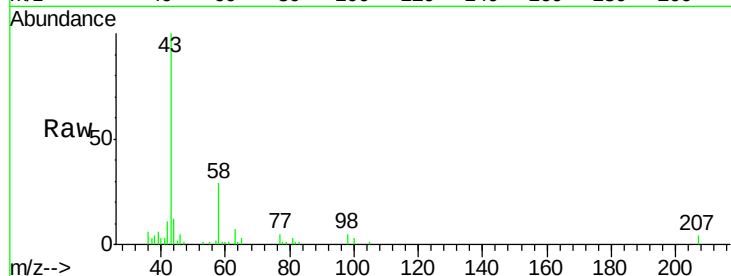
PB111022ZHE#02

Tot Ion: 43 Resp: 19978

Ion Ratio Lower Upper

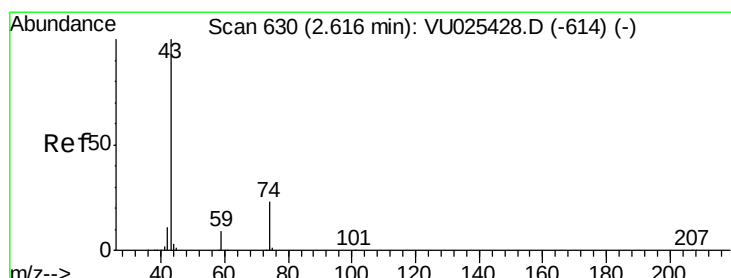
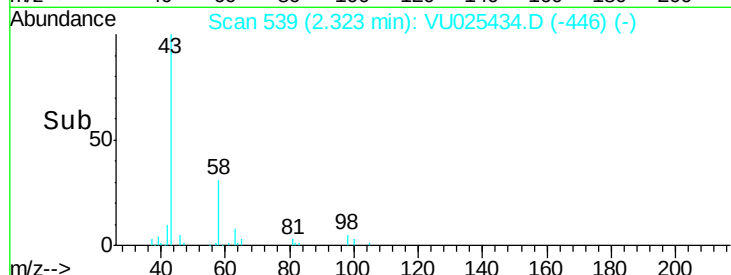
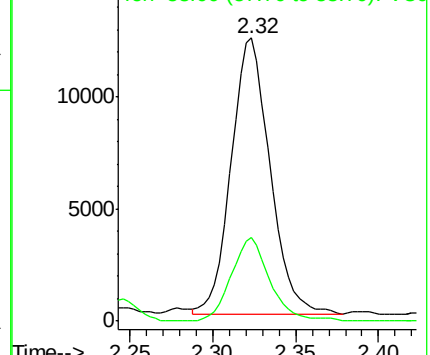
43 100

58 29.8 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: 3.24 ug/L

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025434.D

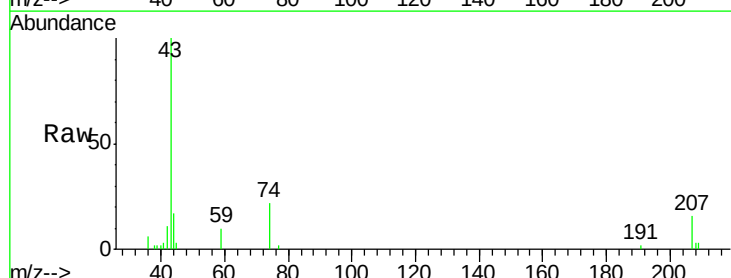
Acq: 16 Jul 2018 19:18

Tgt Ion: 43 Resp: 9422

Ion Ratio Lower Upper

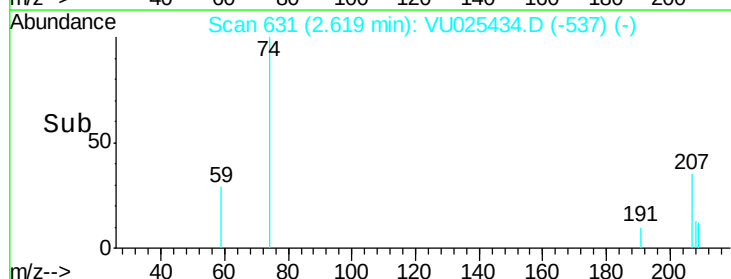
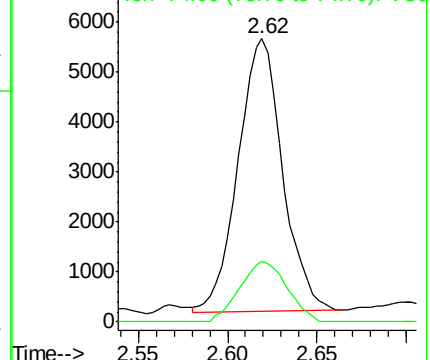
43 100

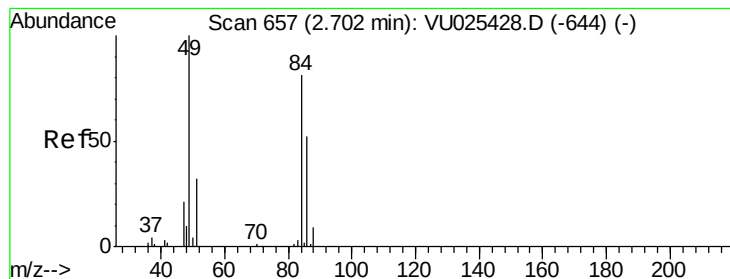
74 23.6 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0





#16

Methylene chloride

Concen: 6.27 ug/L

RT: 2.70 min Scan# 656

Delta R.T. -0.00 min

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PB111022ZHE#02

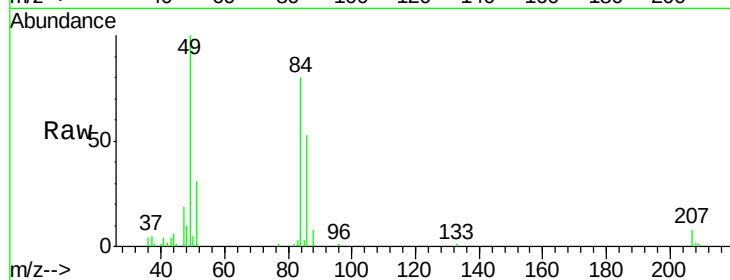
Tot Ion: 84 Resp: 16264

Ion Ratio Lower Upper

84 100

86 66.2 45.2 84.0

49 124.3 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

