

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072318\
 Data File : VU025605.D
 Acq On : 23 Jul 2018 16:21
 Operator : MD/SY
 Sample : PB111343ZHE#11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#11

Quant Time: Jul 24 02:09:04 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	326837	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	302223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	153721	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64277	34.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.90%
7) Chloroethane-d5	1.68	69	60284	39.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.34%
11) 1,1-Dichloroethene-d2	2.27	63	113828	29.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.60%#
21) 2-Butanone-d5	4.18	46	160072	111.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	4.65	84	178427	42.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.86%
26) 1,2-Dichloroethane-d4	5.32	65	124328	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.35	84	338089	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
36) 1,2-Dichloropropane-d6	6.34	67	112790	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.32%
41) Toluene-d8	7.57	98	325173	43.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.50%
43) trans-1,3-Dichloropropene-	7.85	79	55675	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.28%
47) 2-Hexanone-d5	8.31	63	121421	116.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.11%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166683	47.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	142795	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

Target Compounds

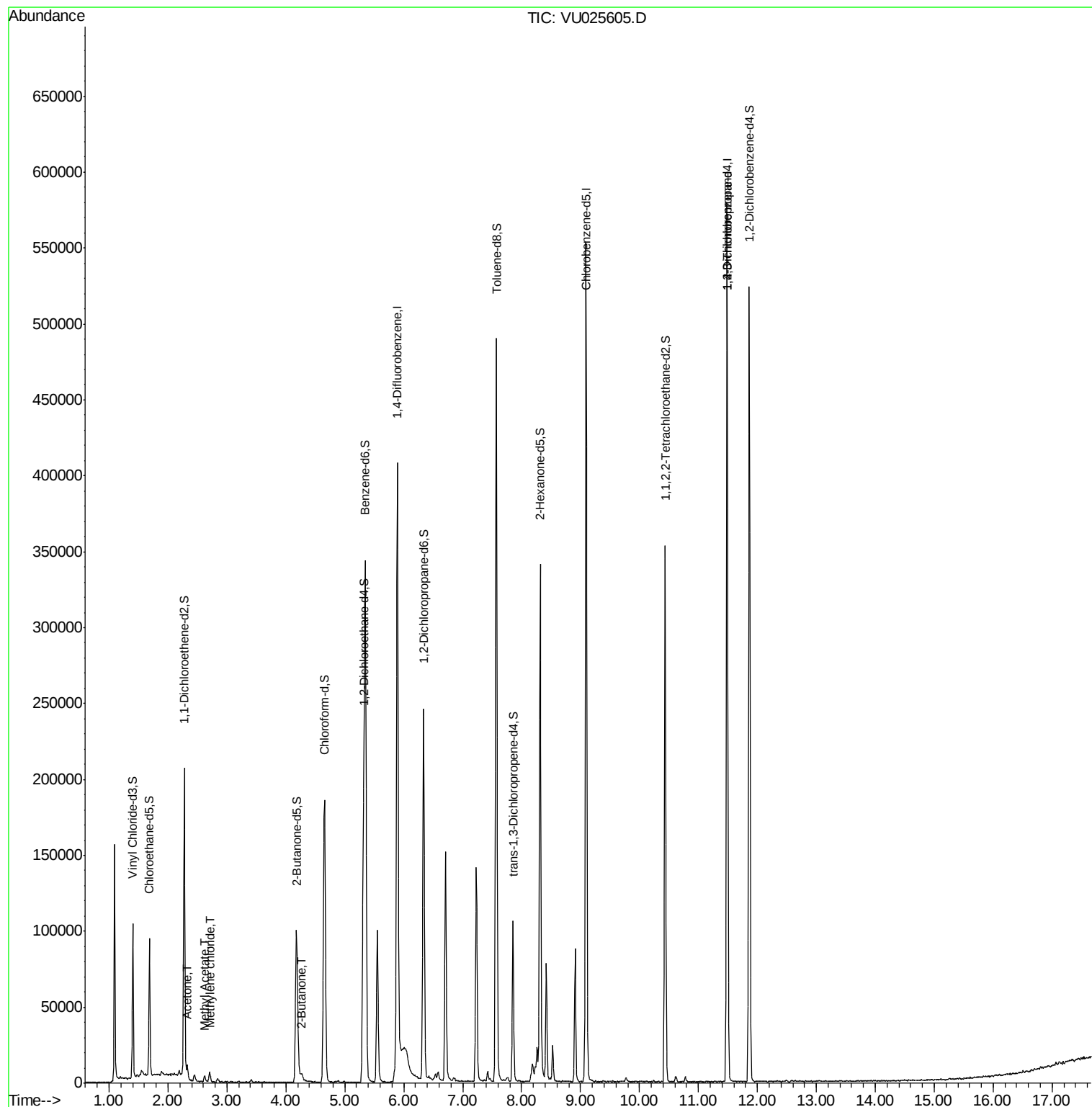
					Ovalue
13) Acetone	2.32	43	9407	5.564	ug/L 99
15) Methyl Acetate	2.62	43	5200	2.225	ug/L # 89
16) Methylene chloride	2.71	84	3033	1.320	ug/L 94
22) 2-Butanone	4.27	43	5675	3.015	ug/L 96
59) 1,2,3-Trichloropropane	11.49	75	17196	6.170	ug/L # 85

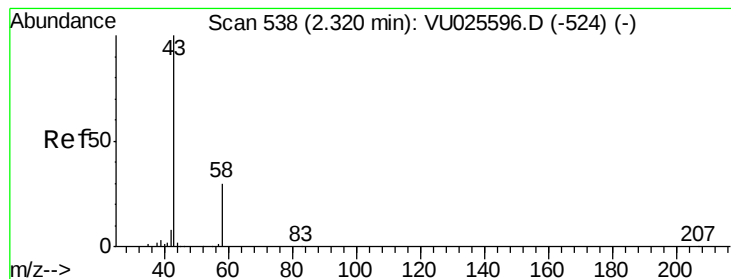
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.564 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025605.D

Acq: 23 Jul 2018 16:21

Instrument :

MSVOA_U

ClientSampleId :

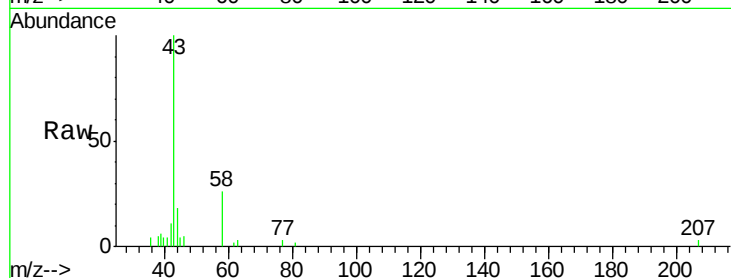
PB111343ZHE#11

Tot Ion: 43 Resp: 9407

Ion Ratio Lower Upper

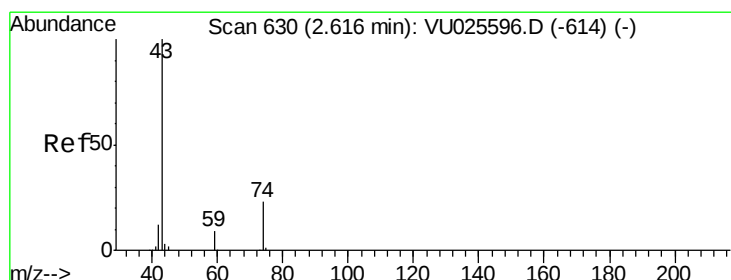
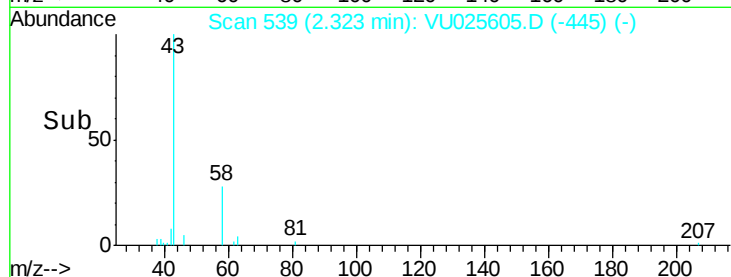
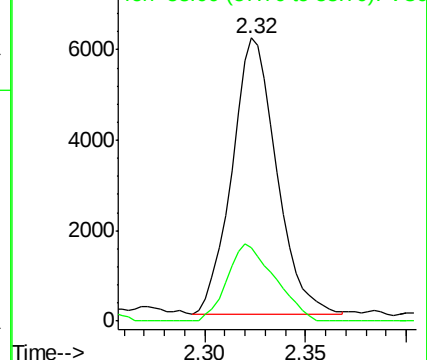
43 100

58 29.9 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: 2.225 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU025605.D

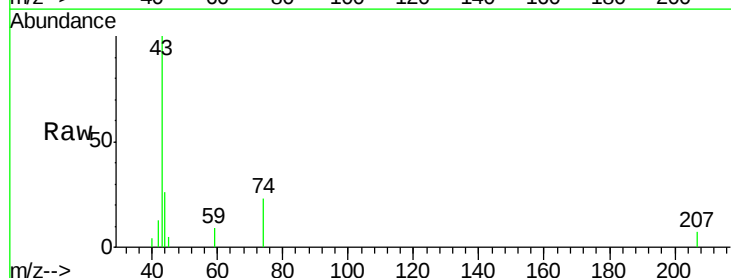
Acq: 23 Jul 2018 16:21

Tgt Ion: 43 Resp: 5200

Ion Ratio Lower Upper

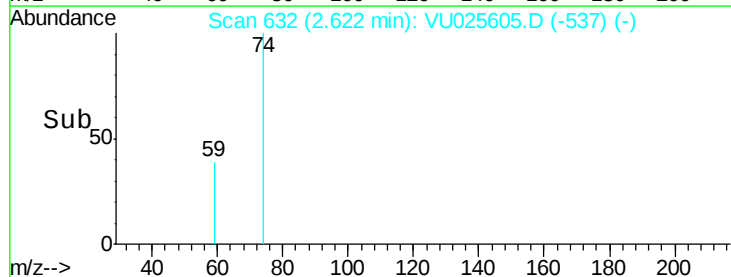
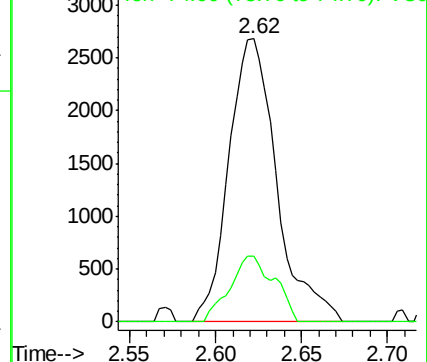
43 100

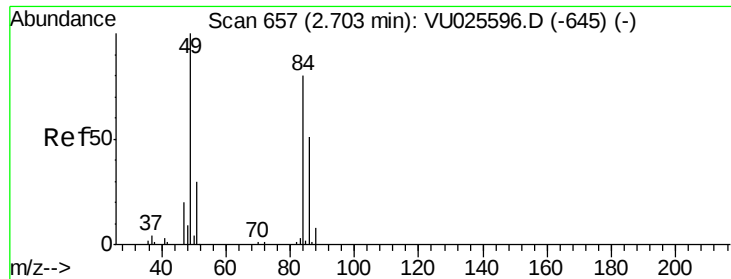
74 17.4 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

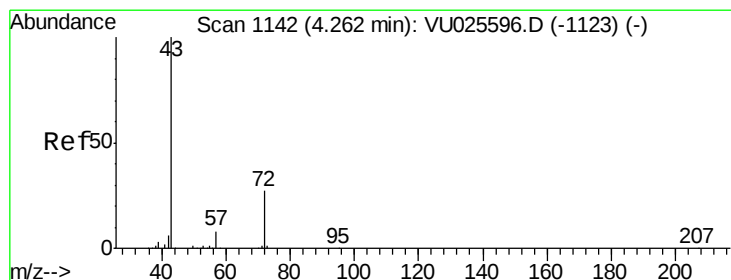
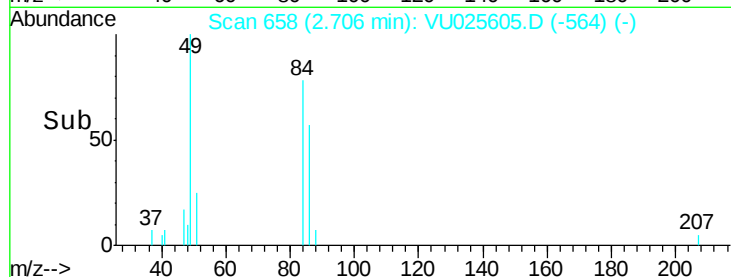
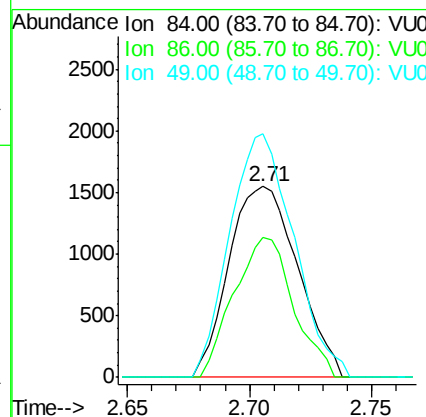
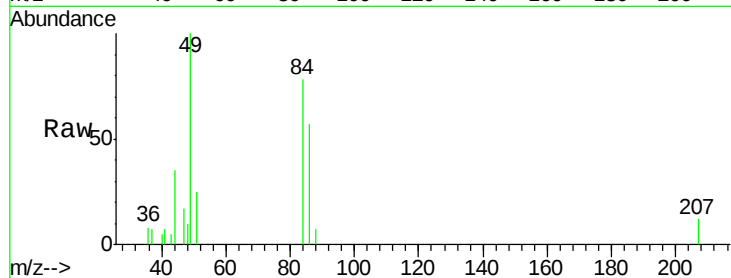




#16
Methvlene chloride
Concen: 1.320 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025605.D
Acq: 23 Jul 2018 16:21

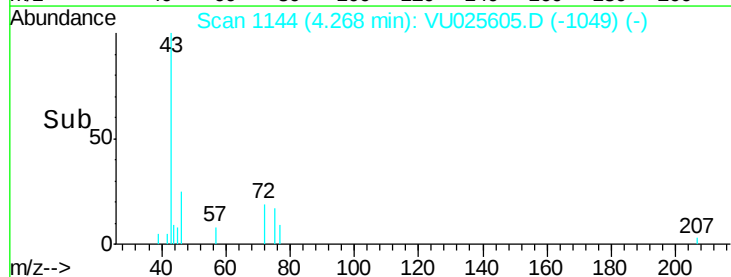
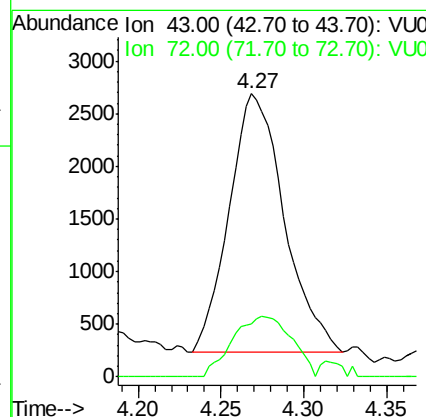
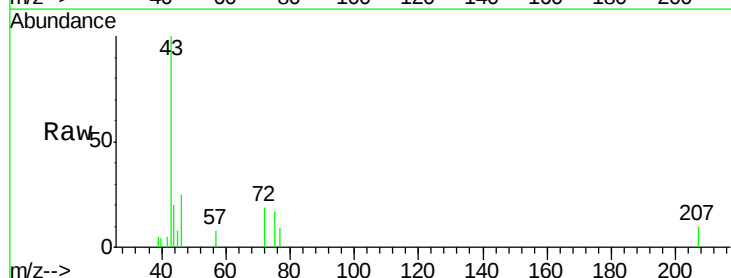
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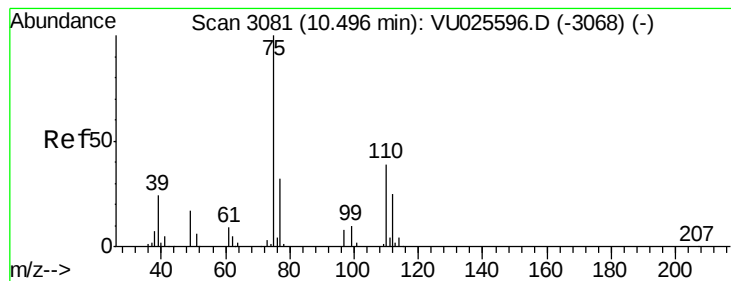
Tot Ion: 84 Resp: 3033
Ion Ratio Lower Upper
84 100
86 73.5 45.6 84.6
49 127.8 87.0 161.6



#22
2-Butanone
Concen: 3.015 ug/L
RT: 4.27 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VU025605.D
Acq: 23 Jul 2018 16:21

Tgt Ion: 43 Resp: 5675
Ion Ratio Lower Upper
43 100
72 25.1 13.6 40.8





#59

1,2,3-Trichloropropane

Concen: 6.170 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025605.D

Acq: 23 Jul 2018 16:21

Instrument :

MSVOA_U

ClientSampleId :

PB111343ZHE#11

Tot Ion: 75 Resp: 17196

Ion Ratio Lower Upper

75 100

77 40.7 25.8 38.8#

