

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U072318\
 Data File : VU025603.D
 Acq On : 23 Jul 2018 15:35
 Operator : MD/SY
 Sample : PB111343ZHE#09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB111343ZHE#09

Quant Time: Jul 24 02:31:25 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	320486	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	149804	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65839	35.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.96%
7) Chloroethane-d5	1.68	69	60108	39.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.66%
11) 1,1-Dichloroethene-d2	2.27	63	112961	29.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.32%#
21) 2-Butanone-d5	4.18	46	156964	111.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	4.65	84	177410	43.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.06%
26) 1,2-Dichloroethane-d4	5.31	65	124521	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.35	84	340116	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.34	67	113076	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.08%
41) Toluene-d8	7.57	98	321863	44.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.06%
43) trans-1,3-Dichloropropene-	7.85	79	57220	45.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.22%
47) 2-Hexanone-d5	8.31	63	118969	115.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.68%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	166506	48.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	141849	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

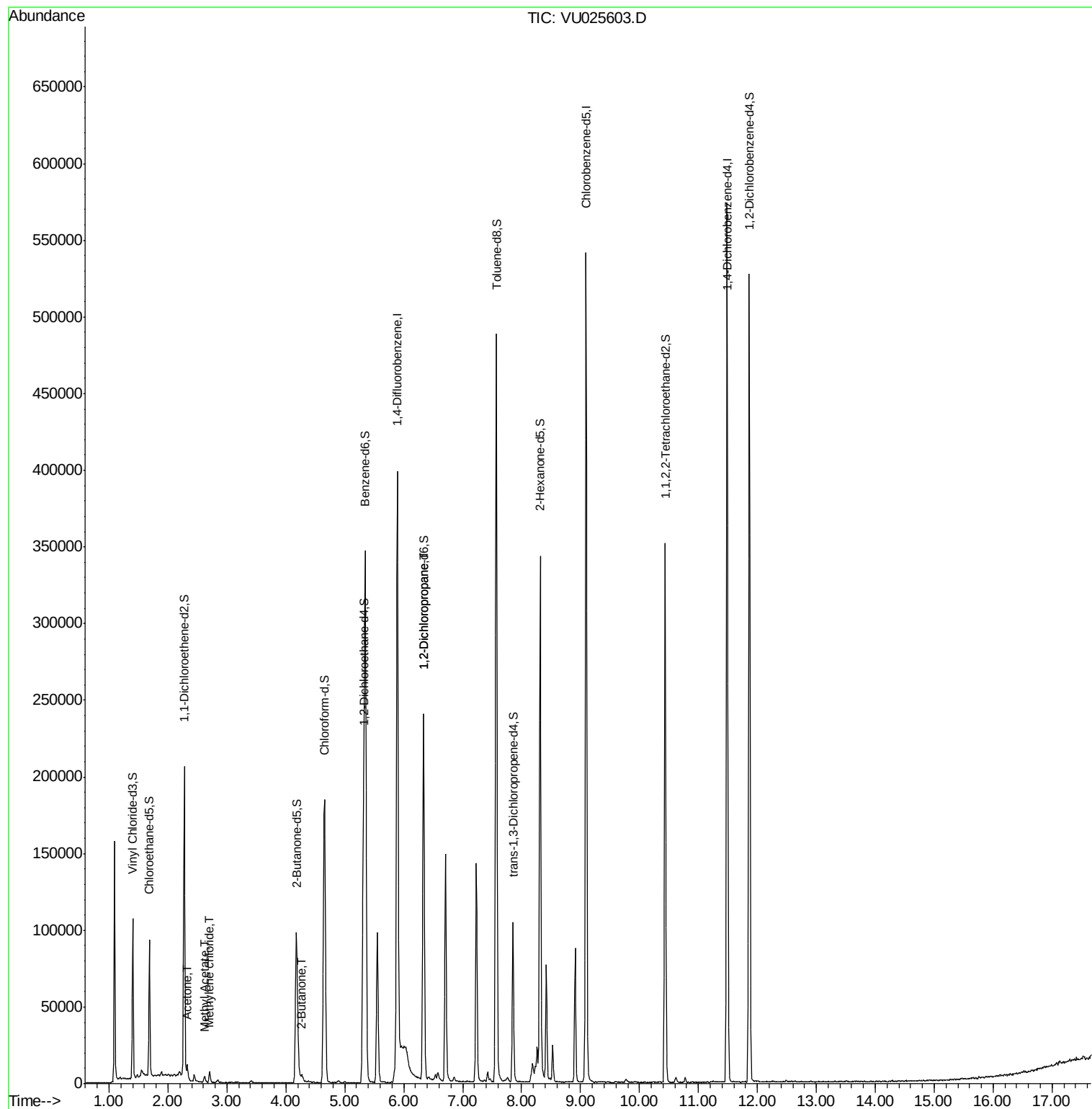
					Ovalue
13) Acetone	2.32	43	9422	5.683	ug/L 98
15) Methyl Acetate	2.62	43	5019	2.190	ug/L 95
16) Methylene chloride	2.71	84	3097	1.375	ug/L 93
22) 2-Butanone	4.27	43	5861	3.176	ug/L 92
37) 1,2-Dichloropropane	6.33	63	13699	5.870	ug/L # 88

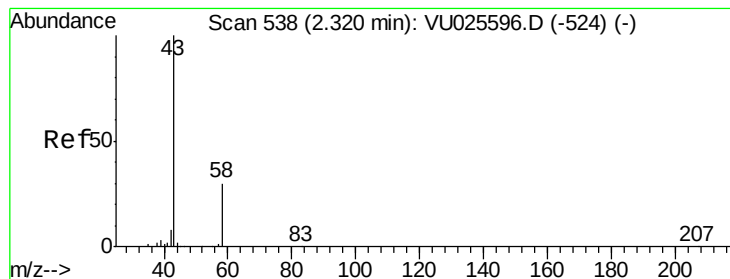
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.683 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025603.D

Acq: 23 Jul 2018 15:35

Instrument :

MSVOA_U

ClientSampleId :

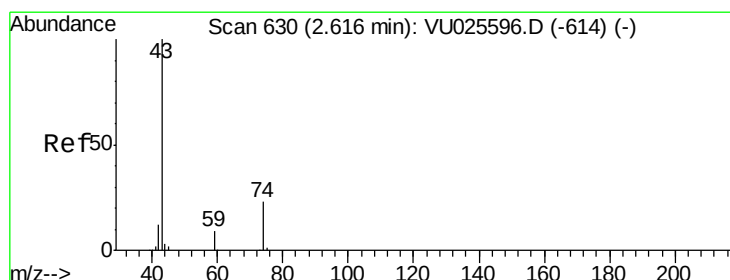
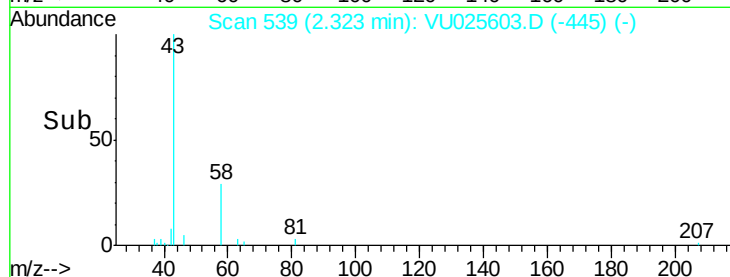
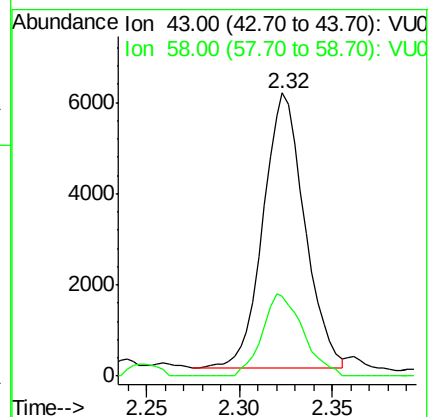
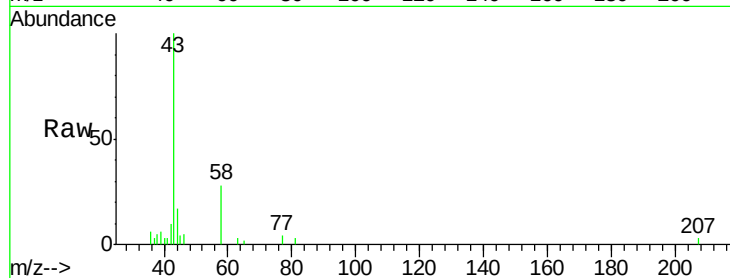
PB111343ZHE#09

Tot Ion: 43 Resp: 9422

Ion Ratio Lower Upper

43 100

58 29.4 0.0 61.2



#15

Methyl Acetate

Concen: 2.190 ug/L

RT: 2.62 min Scan# 632

Delta R.T. 0.01 min

Lab File: VU025603.D

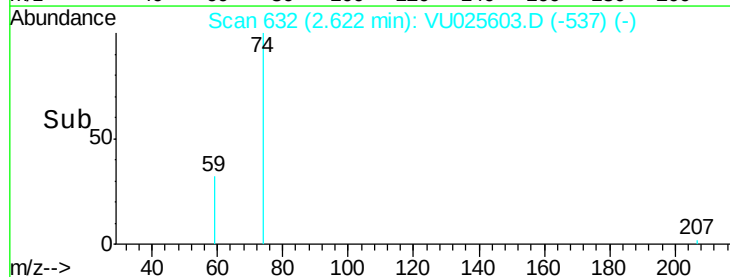
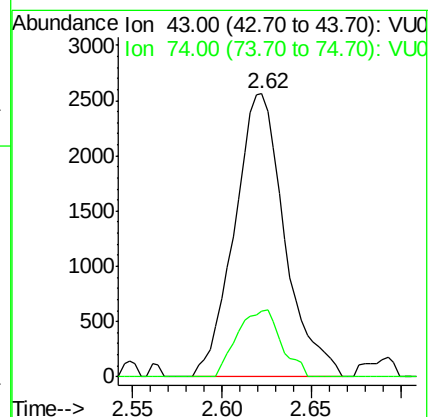
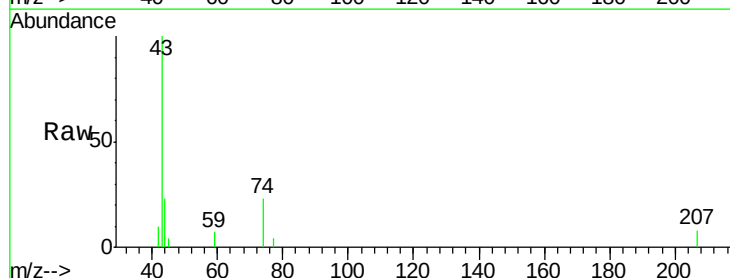
Acq: 23 Jul 2018 15:35

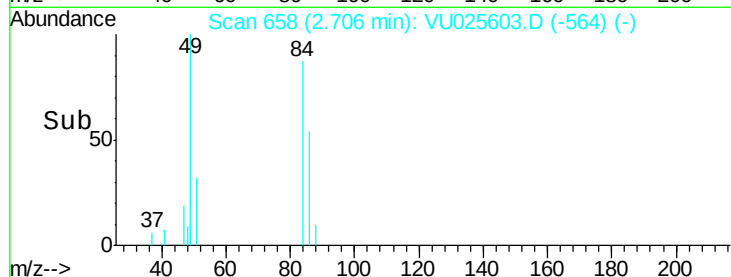
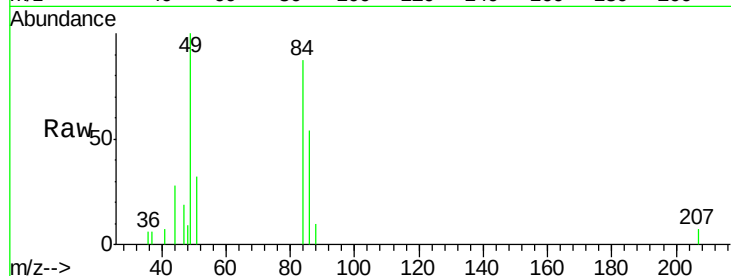
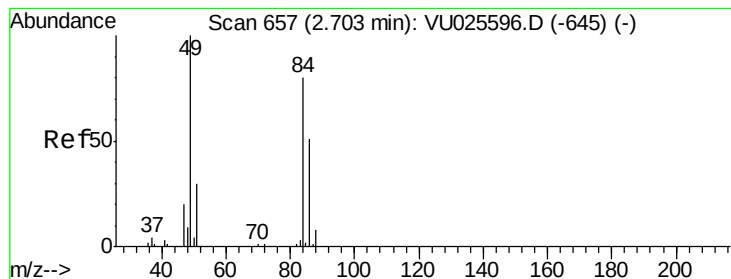
Tgt Ion: 43 Resp: 5019

Ion Ratio Lower Upper

43 100

74 20.7 18.3 27.5

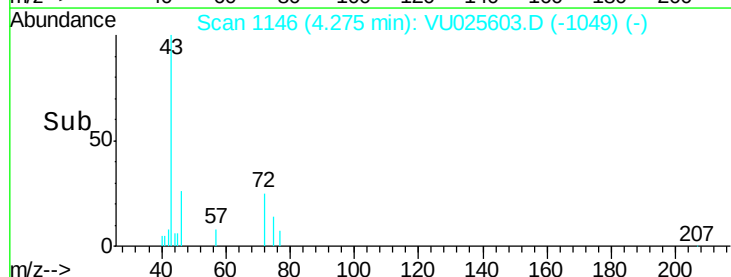
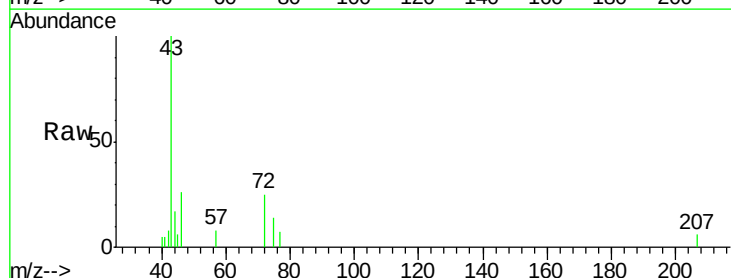
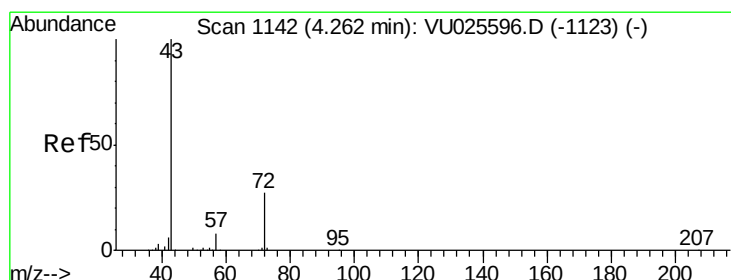
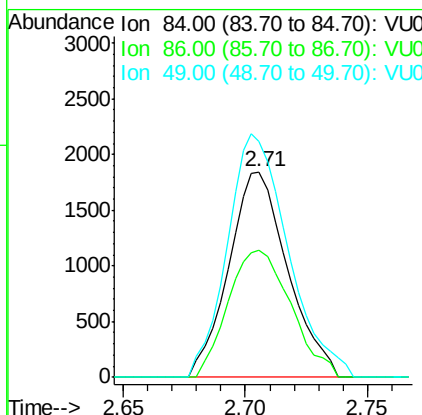




#16
Methylene chloride
Concen: 1.375 ug/L
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025603.D
Acq: 23 Jul 2018 15:35

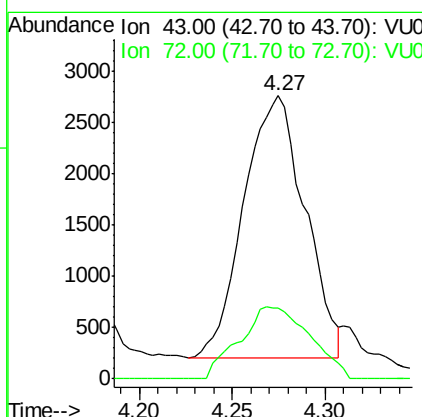
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PB111343ZHE#09

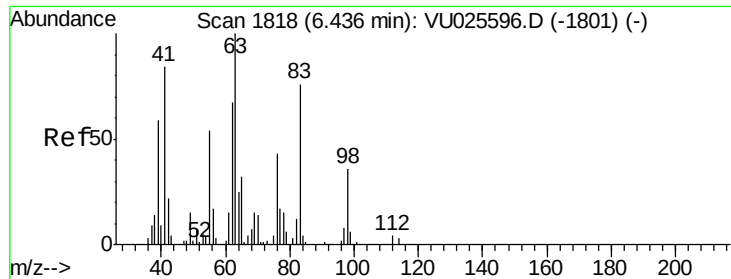
Tot Ion: 84 Resp: 3097
Ion Ratio Lower Upper
84 100
86 61.6 45.6 84.6
49 114.9 87.0 161.6



#22
2-Butanone
Concen: 3.176 ug/L
RT: 4.27 min Scan# 1146
Delta R.T. 0.01 min
Lab File: VU025603.D
Acq: 23 Jul 2018 15:35

Tgt Ion: 43 Resp: 5861
Ion Ratio Lower Upper
43 100
72 31.5 13.6 40.8





#37

1,2-Dichloropropane

Concen: 5.870 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025603.D

Acq: 23 Jul 2018 15:35

Instrument :

MSVOA_U

ClientSampleId :

PB111343ZHE#09

Tot Ion: 63 Resp: 13699

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

