

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072018\
 Data File : VU025562.D
 Acq On : 20 Jul 2018 23:09
 Operator : MD/SY
 Sample : J4097-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AB2

Quant Time: Jul 21 03:38:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 02:53:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	316893	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	288563	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129549	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80267	44.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.74%
7) Chloroethane-d5	1.68	69	67811	45.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.88%
11) 1,1-Dichloroethene-d2	2.27	63	130563	34.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.34%
21) 2-Butanone-d5	4.18	46	143365	102.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.65%
24) Chloroform-d	4.65	84	189083	46.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.84%
26) 1,2-Dichloroethane-d4	5.31	65	129191	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
32) Benzene-d6	5.35	84	364965	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.62%
36) 1,2-Dichloropropane-d6	6.34	67	118624	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.50%
41) Toluene-d8	7.57	98	337246	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.85	79	55202	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.64%
47) 2-Hexanone-d5	8.31	63	105899	106.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162777	48.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	135218	51.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

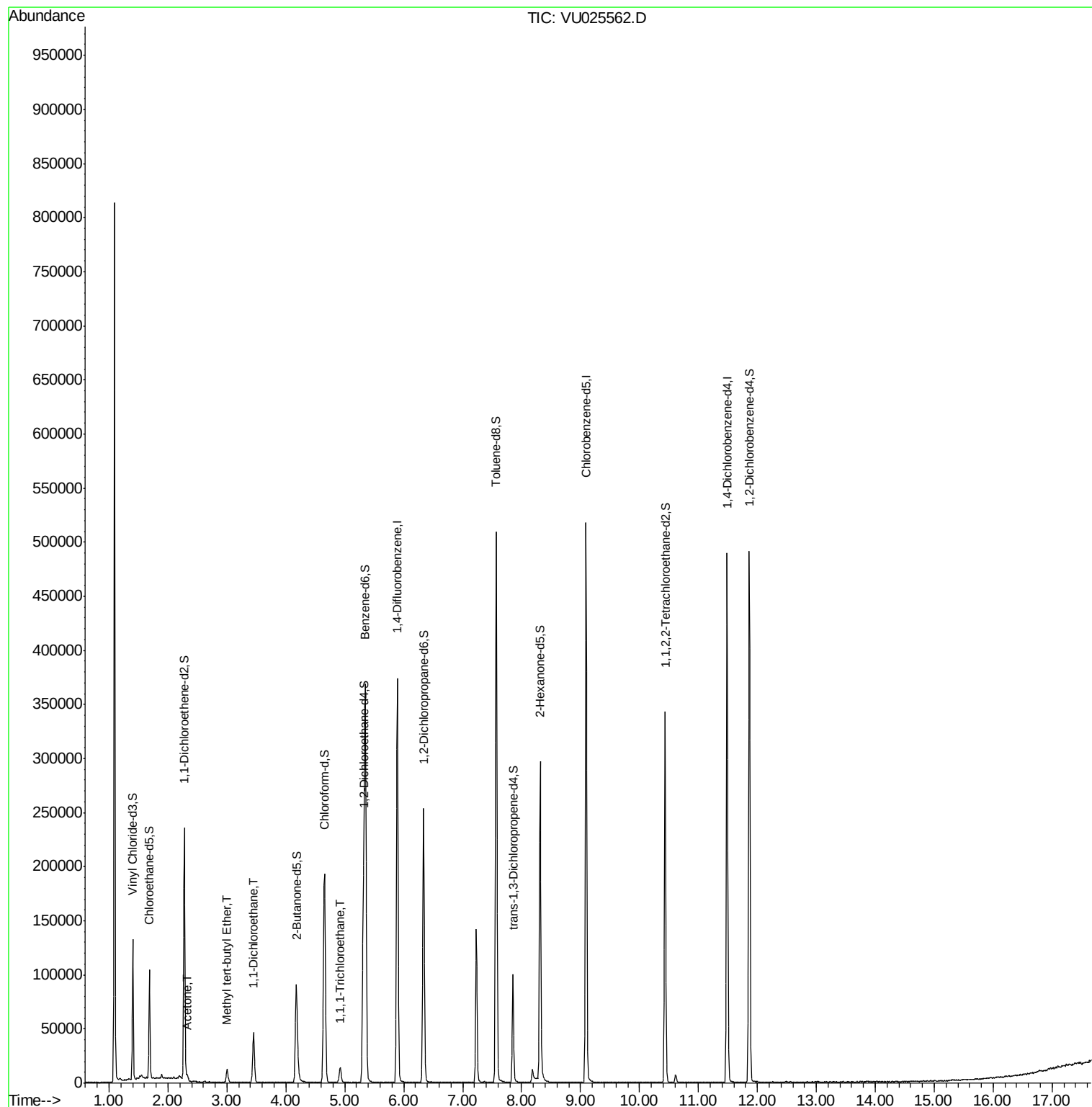
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.33	43	5649	3.446	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	12113	1.806	ug/L #	95
19) 1,1-Dichloroethane	3.45	63	48202	12.306	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	11648	3.226	ug/L	98

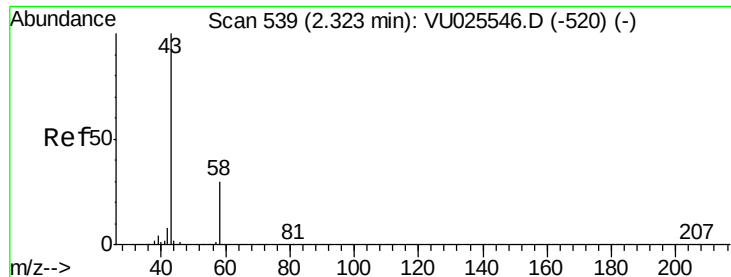
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.446 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU025562.D

Acq: 20 Jul 2018 23:09

Instrument :

MSVOA_U

ClientSampleId :

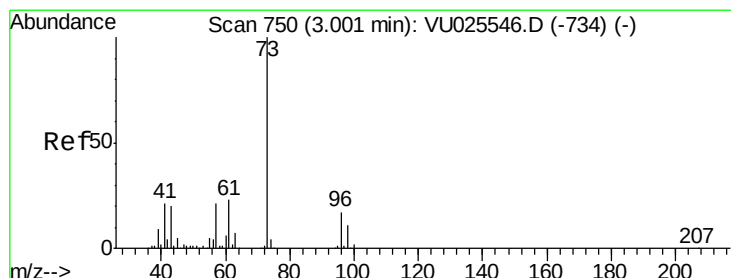
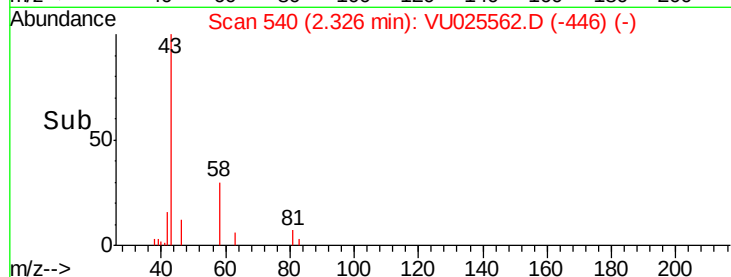
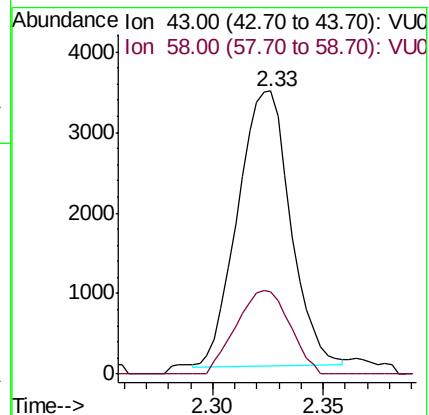
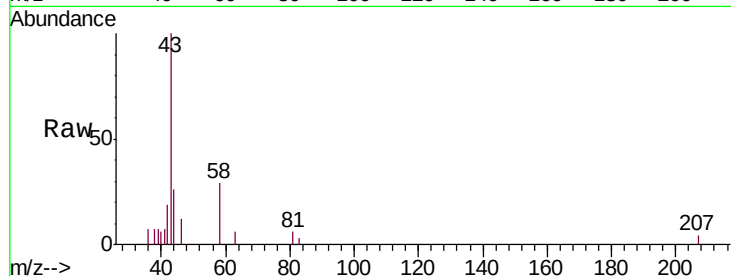
H0AB2

Tgt Ion: 43 Resp: 5649

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.2



#18

Methyl tert-butyl Ether

Concen: 1.806 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

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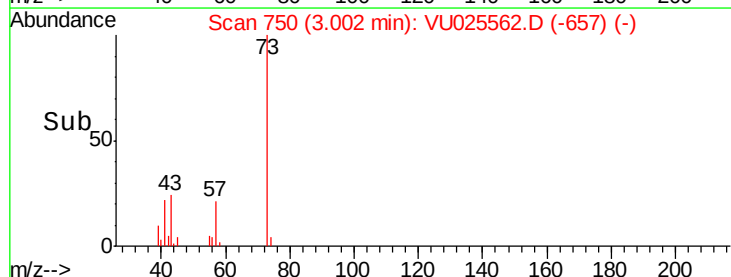
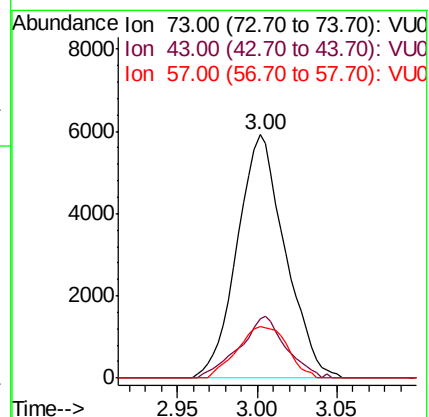
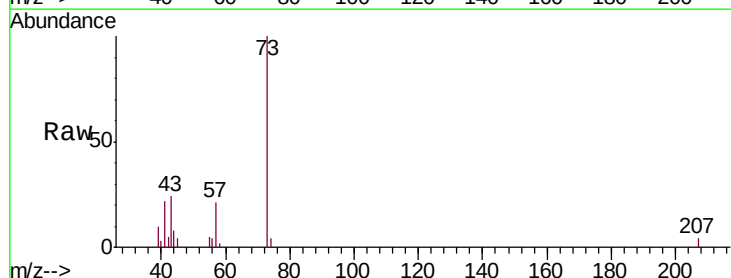
Tgt Ion: 73 Resp: 12113

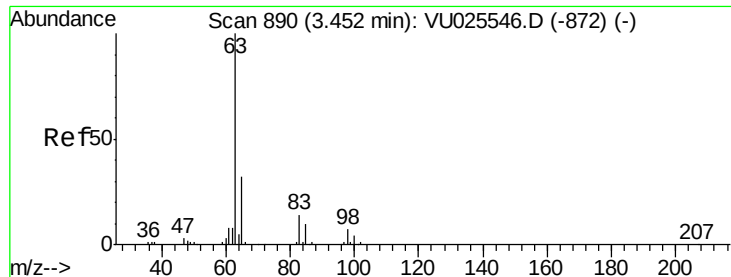
Ion Ratio Lower Upper

73 100

43 24.3 16.2 24.2#

57 22.1 17.1 25.7

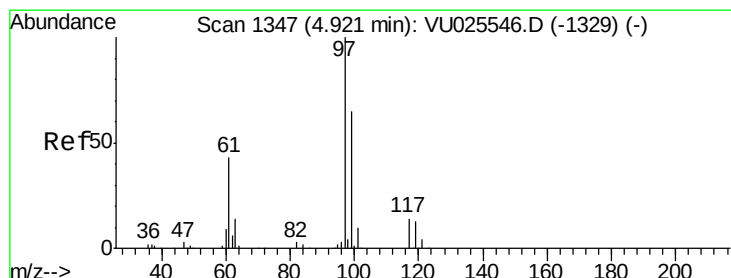
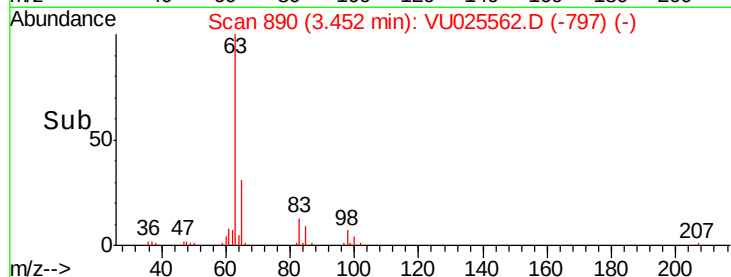
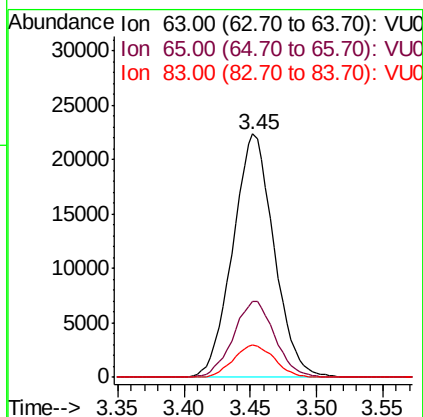
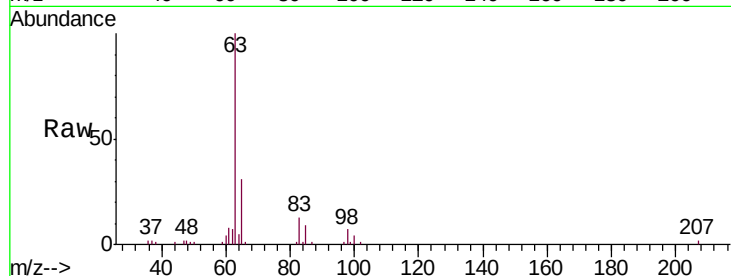




#19
 1,1-Dichloroethane
 Concen: 12.306 ug/L
 RT: 3.45 min Scan# 890
 Delta R.T. 0.00 min
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Tgt Ion: 63 Resp: 48202
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.0 41.0
 83 13.3 9.6 17.8



#30
 1,1,1-Trichloroethane
 Concen: 3.226 ug/L
 RT: 4.92 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VU025562.D
 Acq: 20 Jul 2018 23:09

Tgt Ion: 97 Resp: 11648
 Ion Ratio Lower Upper
 97 100
 99 64.2 52.4 78.6
 61 42.1 34.6 52.0

