

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025555.D
 Acq On : 20 Jul 2018 20:26
 Operator : MD/SY
 Sample : J4097-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:54:49 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	323825	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	294824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	134045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80486	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.08%
7) Chloroethane-d5	1.68	69	68693	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.27	63	131633	34.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.40%
21) 2-Butanone-d5	4.18	46	144428	101.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.19%
24) Chloroform-d	4.65	84	183885	44.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.32%
26) 1,2-Dichloroethane-d4	5.31	65	126765	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.35	84	360496	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.34	67	115803	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.57	98	332595	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	7.85	79	56158	45.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.24%
47) 2-Hexanone-d5	8.31	63	107550	105.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.42%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162902	47.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	133869	49.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.56%

Target Compounds

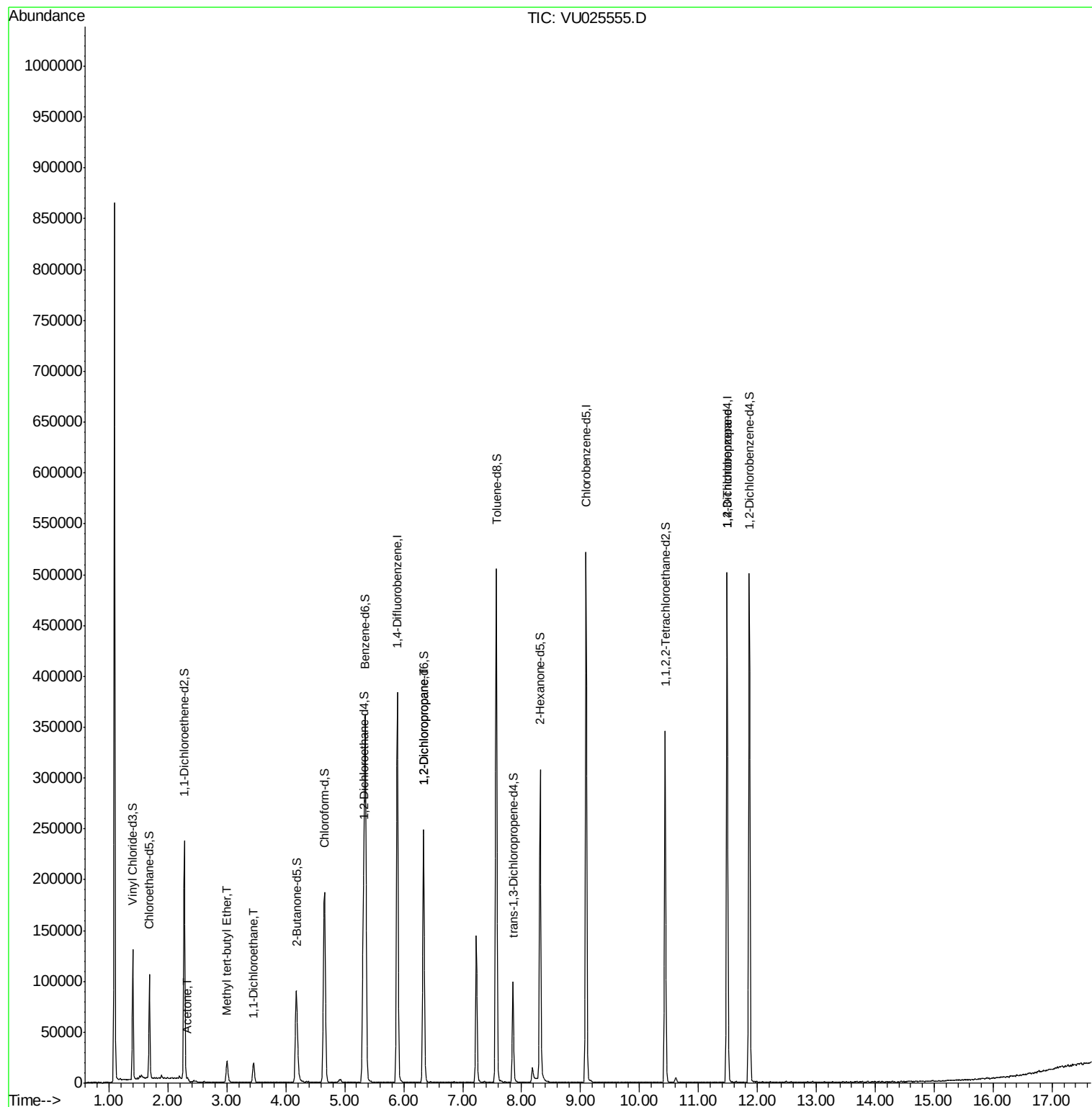
					Ovalue
13) Acetone	2.32	43	2152	1.285 ug/L	92
18) Methyl tert-butyl Ether	3.00	73	22252	3.247 ug/L	96
19) 1,1-Dichloroethane	3.45	63	21950	5.484 ug/L	99
37) 1,2-Dichloropropane	6.33	63	13839	5.978 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	14102	5.186 ug/L #	81

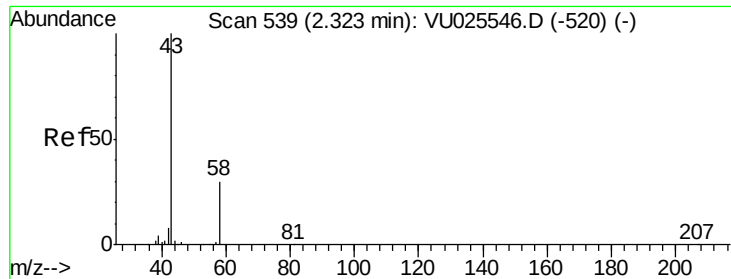
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.285 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025555.D

Acq: 20 Jul 2018 20:26

Instrument :

MSVOA_U

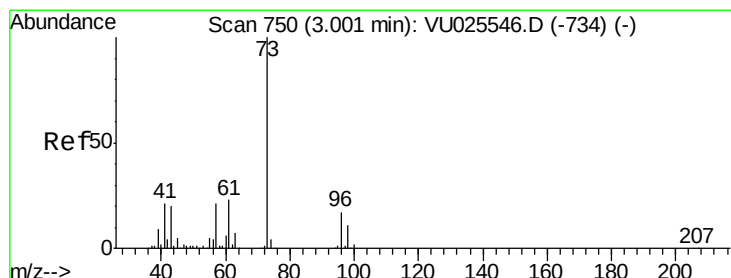
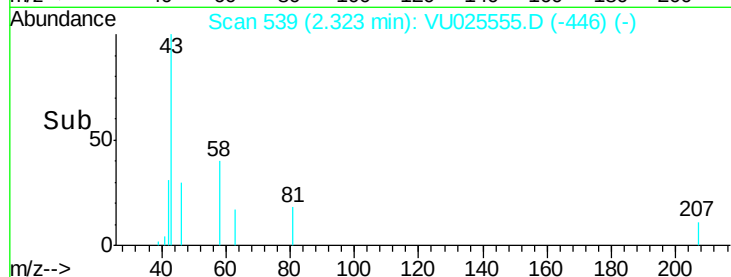
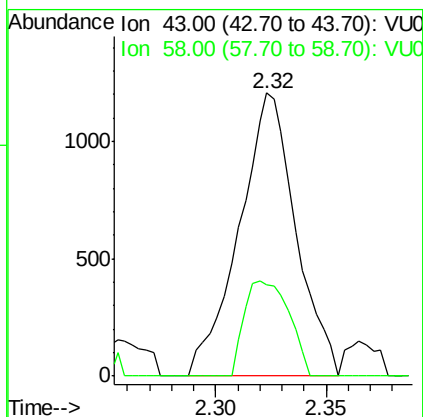
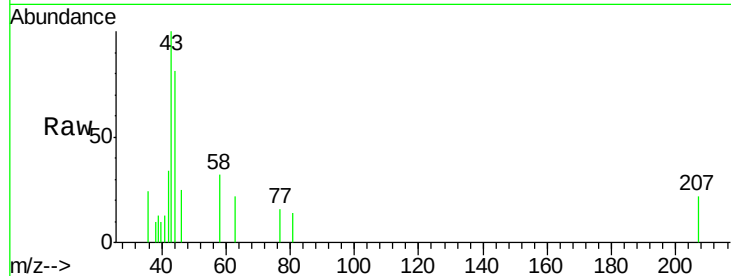
ClientSampleId :

Tot Ion: 43 Resp: 2152

Ion Ratio Lower Upper

43 100

58 26.5 0.0 61.2



#18

Methyl tert-butyl Ether

Concen: 3.247 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025555.D

Acq: 20 Jul 2018 20:26

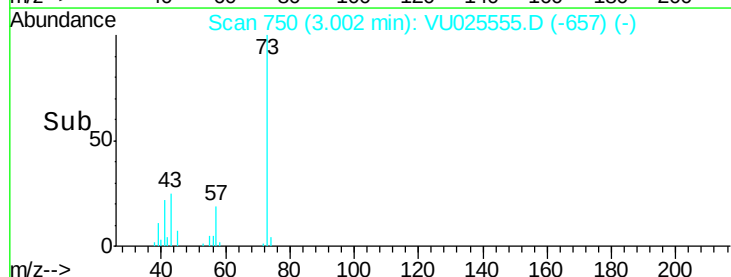
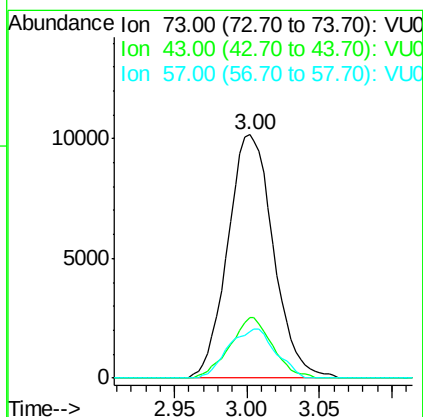
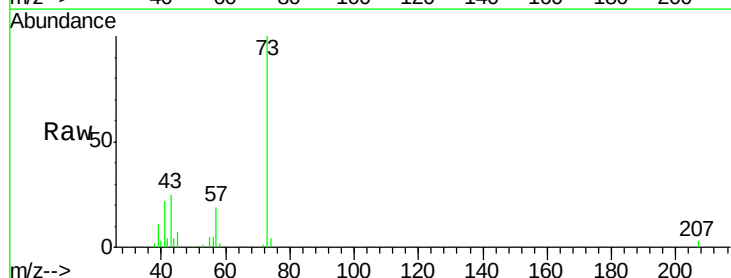
Tgt Ion: 73 Resp: 22252

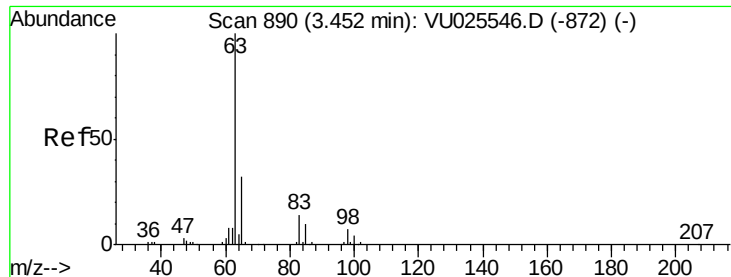
Ion Ratio Lower Upper

73 100

43 23.1 16.2 24.2

57 20.8 17.1 25.7

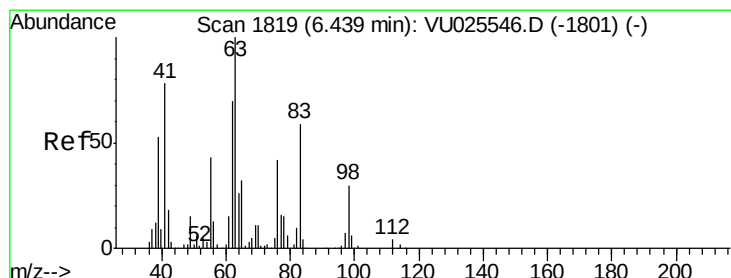
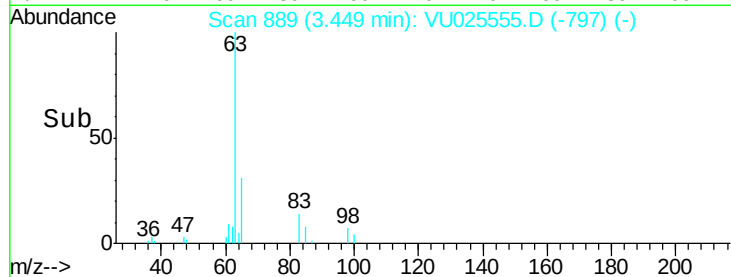
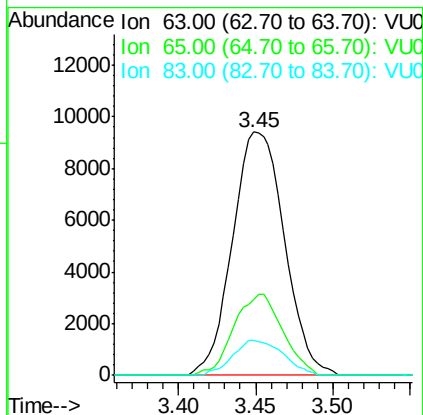
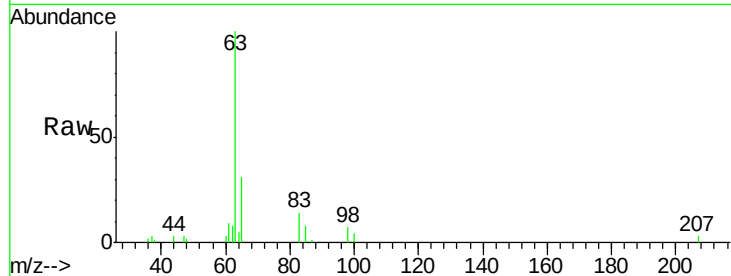




#19
 1,1-Dichloroethane
 Concen: 5.484 ug/L
 RT: 3.45 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: VU025555.D
 Acq: 20 Jul 2018 20:26

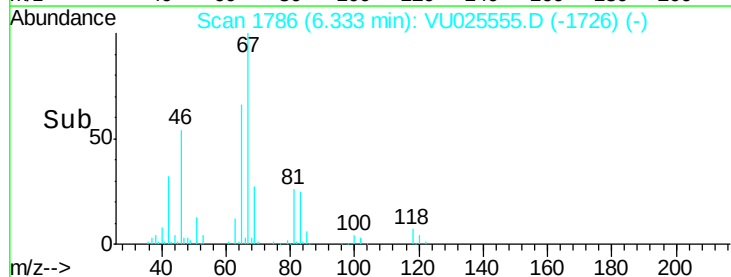
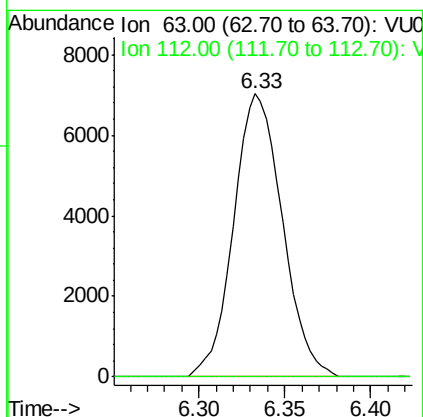
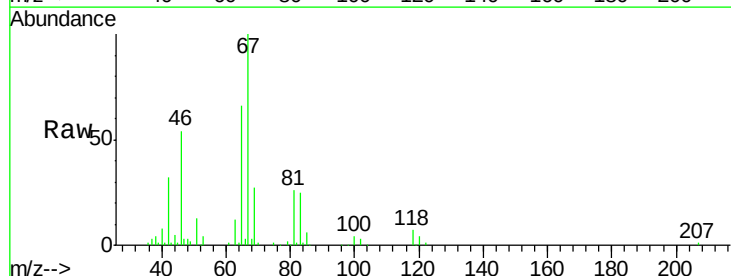
Instrument :
 MSVOA_U
 ClientSampled :

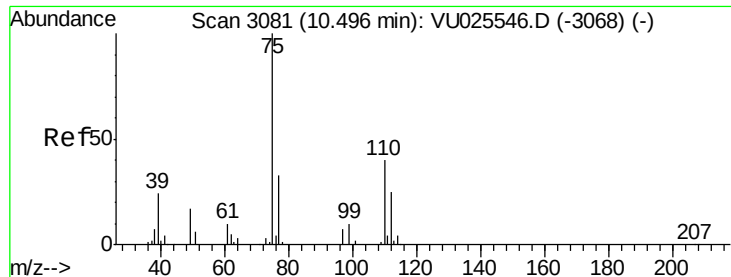
Tot Ion: 63 Resp: 21950
 Ion Ratio Lower Upper
 63 100
 65 31.2 22.0 41.0
 83 14.5 9.6 17.8



#37
 1,2-Dichloropropane
 Concen: 5.978 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.11 min
 Lab File: VU025555.D
 Acq: 20 Jul 2018 20:26

Tgt Ion: 63 Resp: 13839
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#





#59

1,2,3-Trichloropropane

Concen: 5.186 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025555.D

Acq: 20 Jul 2018 20:26

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 14102

Ion Ratio Lower Upper

75 100

77 43.1 25.8 38.8#

