

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025558.D
 Acq On : 20 Jul 2018 21:36
 Operator : MD/SY
 Sample : J4097-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:55:10 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	317252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	289294	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	130475	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76385	42.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.34%
7) Chloroethane-d5	1.68	69	64915	43.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.90%
11) 1,1-Dichloroethene-d2	2.27	63	126825	33.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.28%
21) 2-Butanone-d5	4.18	46	141604	101.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.27%
24) Chloroform-d	4.65	84	183503	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.98%
26) 1,2-Dichloroethane-d4	5.31	65	127185	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.35	84	354965	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.68%
36) 1,2-Dichloropropane-d6	6.33	67	114657	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.92%
41) Toluene-d8	7.57	98	327683	46.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.10%
43) trans-1,3-Dichloropropene-	7.85	79	53388	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.44%
47) 2-Hexanone-d5	8.31	63	103421	103.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.32%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	154904	46.33	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.66%
64) 1,2-Dichlorobenzene-d4	11.86	152	129035	48.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

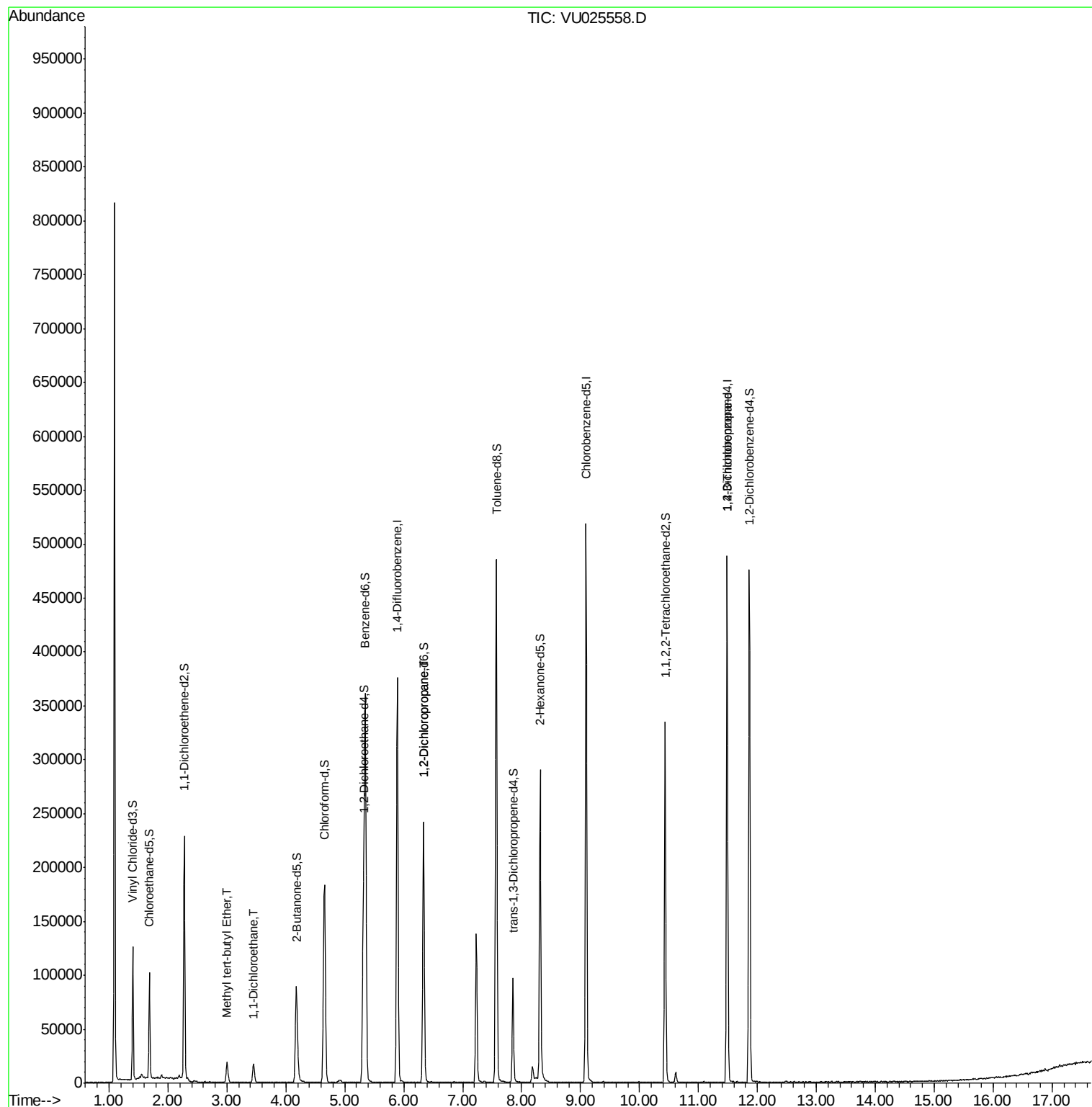
					Ovalue
18) Methyl tert-butyl Ether	3.00	73	19500	2.905 ug/L	98
19) 1,1-Dichloroethane	3.45	63	19126	4.877 ug/L	98
37) 1,2-Dichloropropane	6.34	63	12484	5.496 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	14251	5.341 ug/L #	85

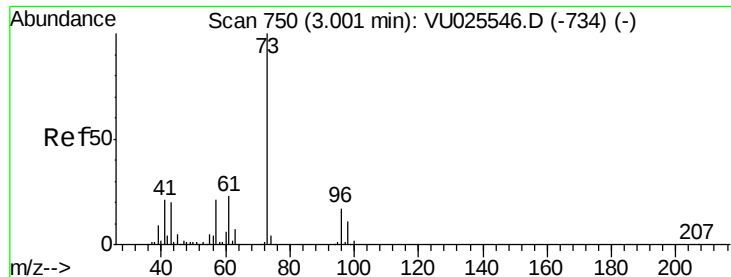
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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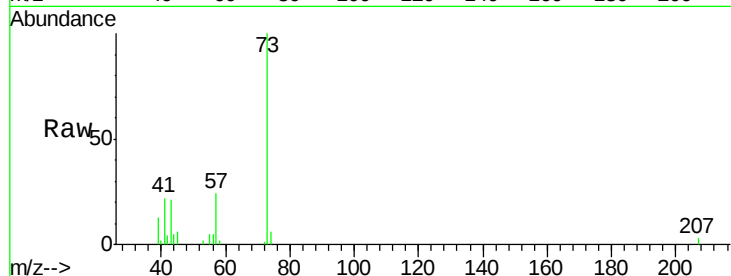




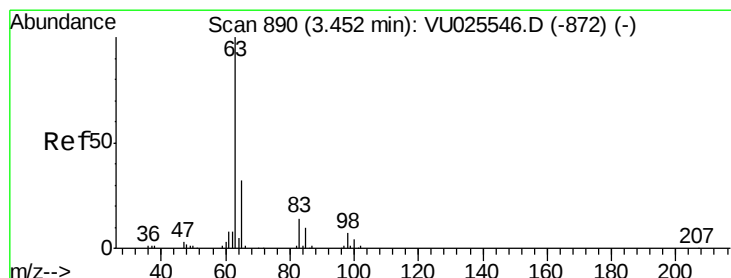
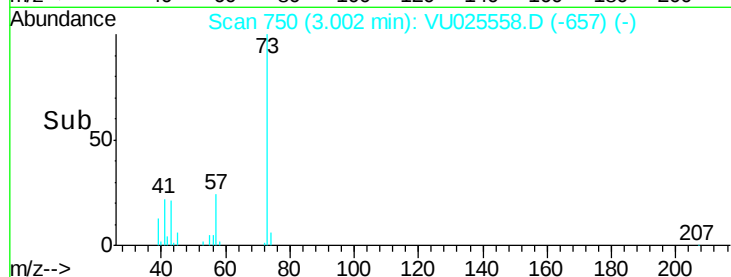
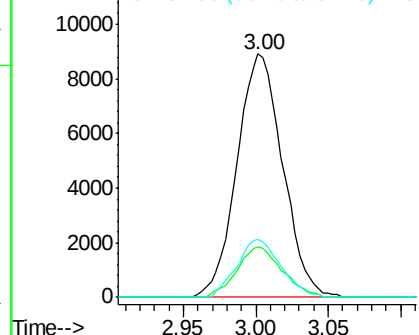
#18
Methvl tert-butvl Ether
Concen: 2.905 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025558.D
Acq: 20 Jul 2018 21:36

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.2	24.2
57	22.8	17.1	25.7

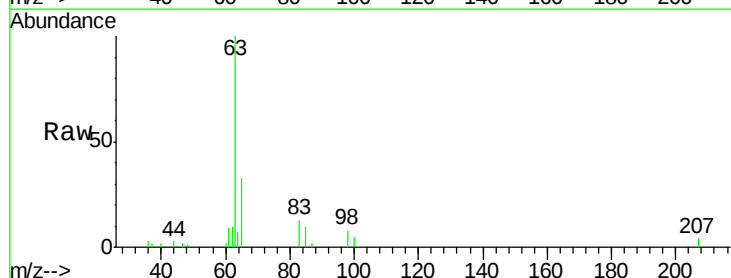


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

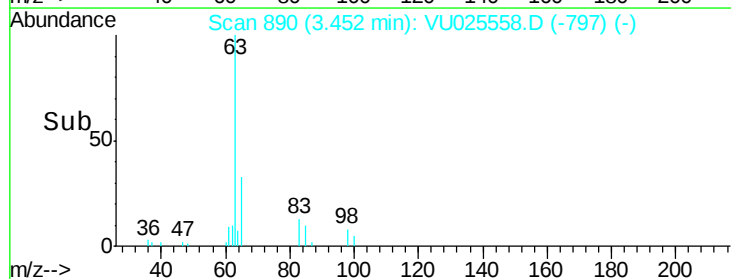
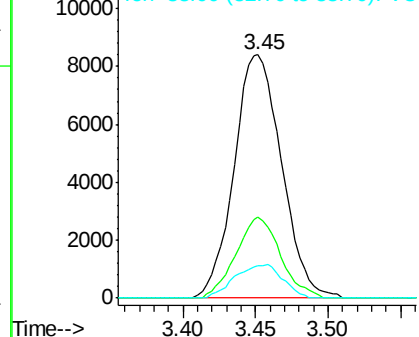


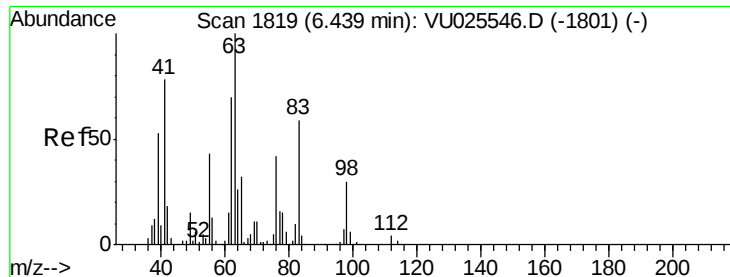
#19
1,1-Dichloroethane
Concen: 4.877 ug/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VU025558.D
Acq: 20 Jul 2018 21:36

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.0	41.0
83	13.2	9.6	17.8



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 65.00 (64.70 to 65.70): VU0
Ion 83.00 (82.70 to 83.70): VU0





#37

1,2-Dichloropropane

Concen: 5.496 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.10 min

Lab File: VU025558.D

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Instrument :

MSVOA_U

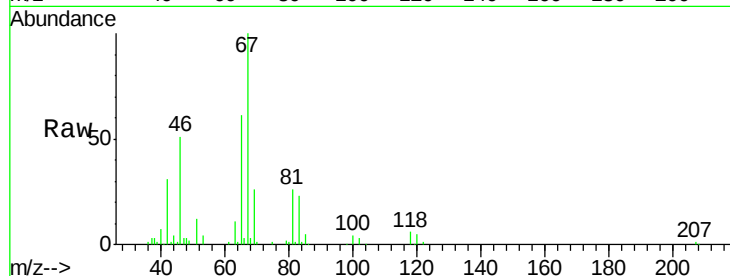
ClientSampleId :

Tot Ion: 63 Resp: 12484

Ion Ratio Lower Upper

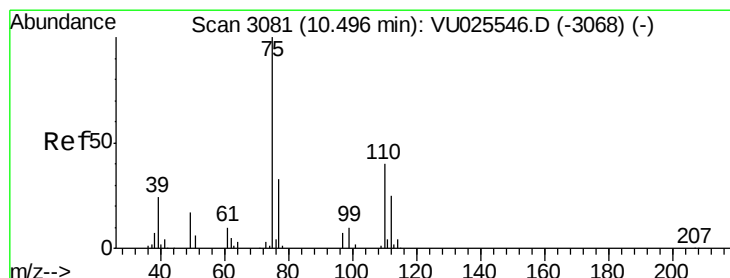
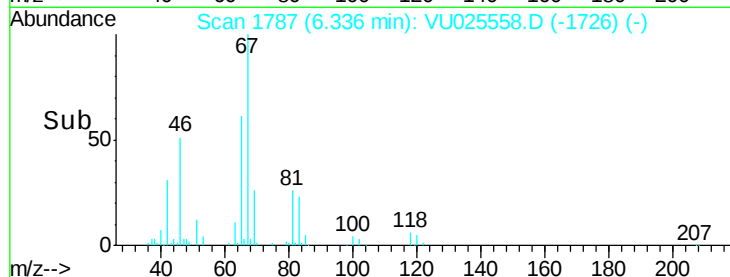
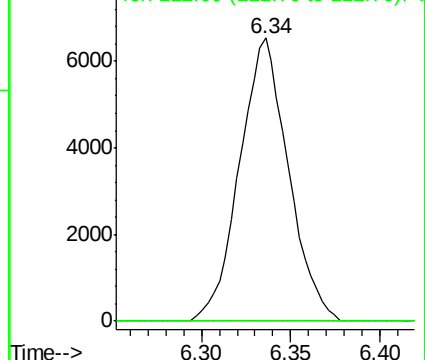
63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#59

1,2,3-Trichloropropane

Concen: 5.341 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025558.D

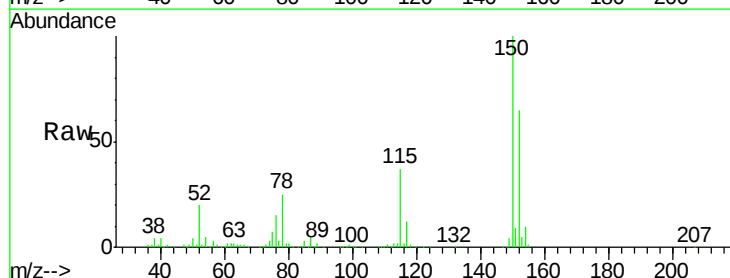
Acq: 20 Jul 2018 21:36

Tgt Ion: 75 Resp: 14251

Ion Ratio Lower Upper

75 100

77 40.7 25.8 38.8#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

