

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025556.D
 Acq On : 20 Jul 2018 20:49
 Operator : MD/SY
 Sample : J4097-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA5

Quant Time: Jul 21 03:23:03 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	322215	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290429	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	134303	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80550	43.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.58%
7) Chloroethane-d5	1.68	69	68596	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.42%
11) 1,1-Dichloroethene-d2	2.27	63	131021	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	4.18	46	144485	101.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	4.65	84	186025	45.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.31	65	127794	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
32) Benzene-d6	5.35	84	359753	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.34	67	117031	48.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.52%
41) Toluene-d8	7.57	98	334726	46.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.72%
43) trans-1,3-Dichloropropene-	7.85	79	55280	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.31	63	106113	105.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.59%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160603	47.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	134759	49.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.02%

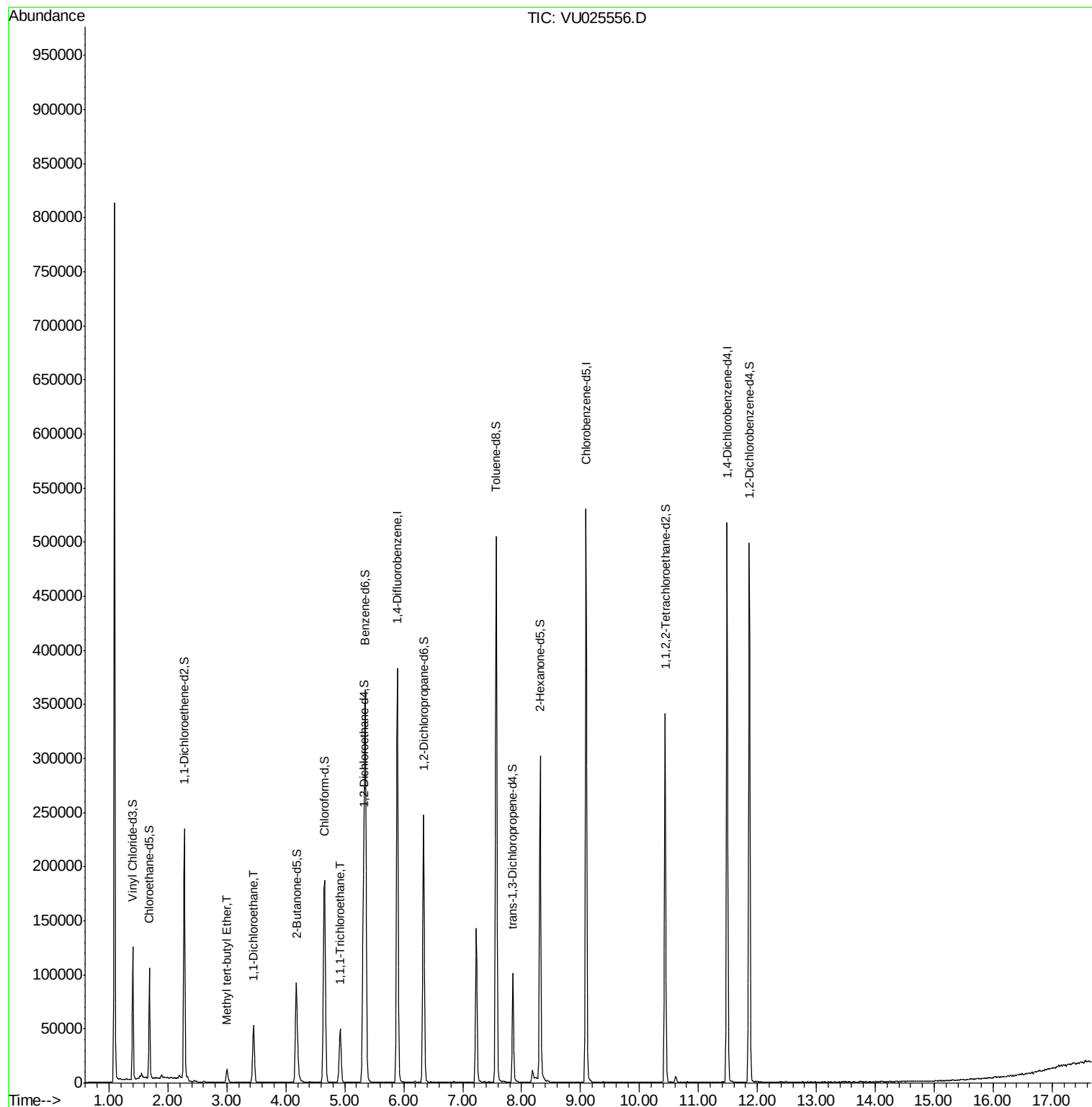
Target Compounds						Ovalue
18) Methyl tert-butyl Ether	3.00	73	12987	1.90	ug/L	96
19) 1,1-Dichloroethane	3.45	63	56056	14.08	ug/L	94
30) 1,1,1-Trichloroethane	4.92	97	38553	10.61	ug/L	98

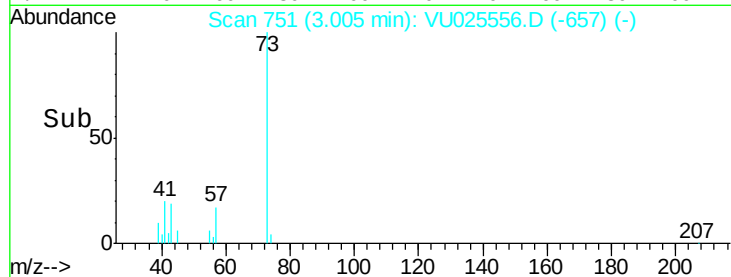
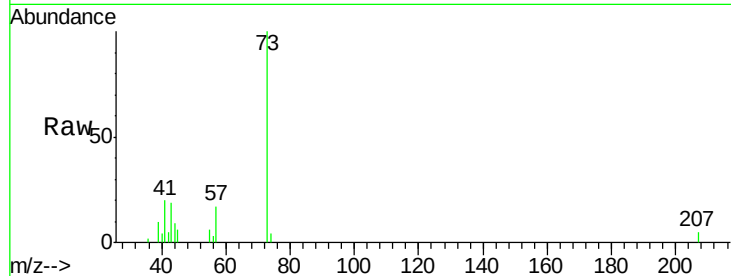
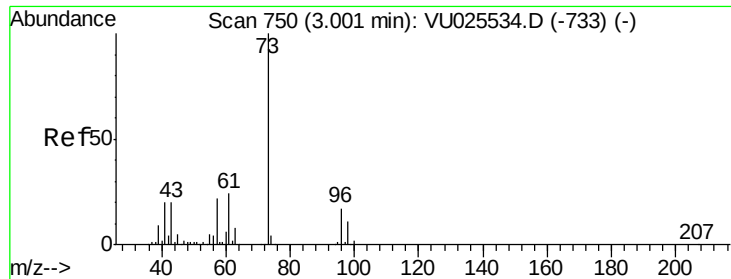
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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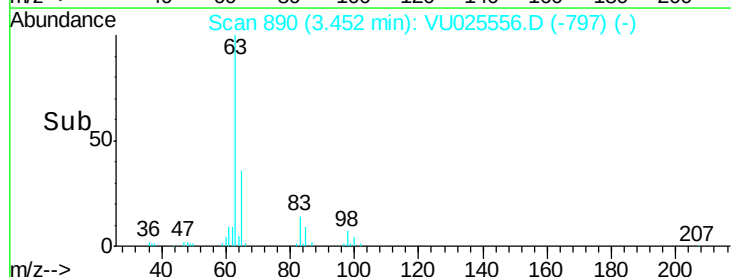
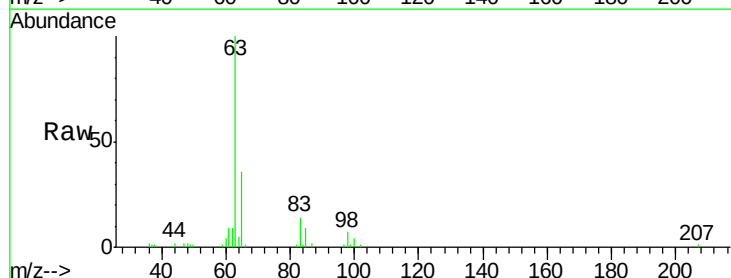
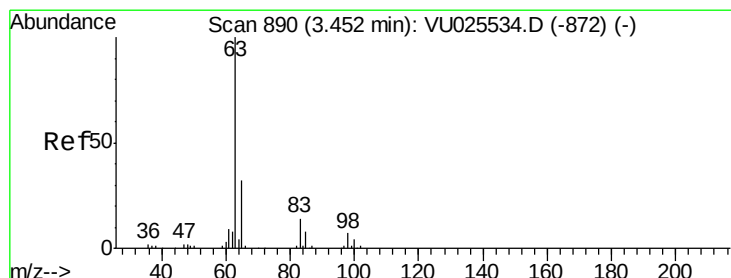
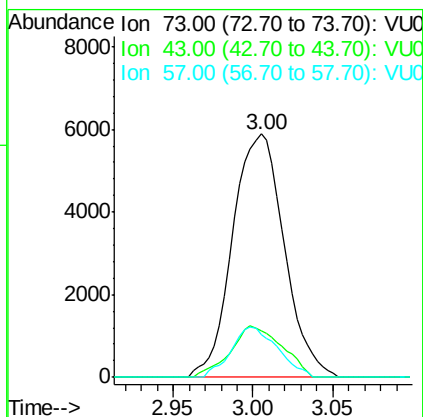




#18
Methyl tert-butyl Ether
Concen: 1.90 ug/L
RT: 3.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: VU025556.D
Acq: 20 Jul 2018 20:49

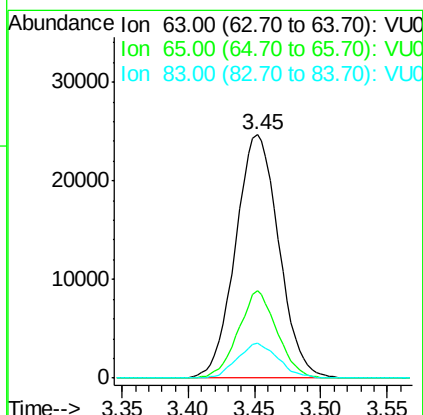
Instrument :
MSVOA_U
ClientSampleId :
H0AA5

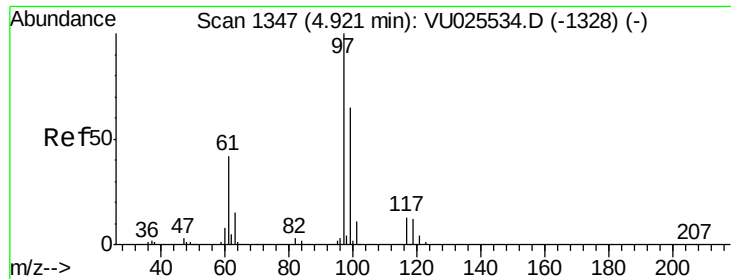
Tot Ion:	73	Resp:	12987
Ion	Ratio	Lower	Upper
73	100		
43	21.1	16.2	24.2
57	18.7	17.1	25.7



#19
1,1-Dichloroethane
Concen: 14.08 ug/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VU025556.D
Acq: 20 Jul 2018 20:49

Tgt Ion:	63	Resp:	56056
Ion	Ratio	Lower	Upper
63	100		
65	35.8	22.0	41.0
83	14.2	9.6	17.8





#30

1,1,1-Trichloroethane

Concen: 10.61 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VU025556.D

Acq: 20 Jul 2018 20:49

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion: 97 Resp: 38553

Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 44.5 34.6 52.0

