

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025559.D
 Acq On : 20 Jul 2018 21:59
 Operator : MD/SY
 Sample : J4097-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA9

Quant Time: Jul 21 03:29:48 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	316483	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132276	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79871	44.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.42%
7) Chloroethane-d5	1.68	69	69095	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.72%
11) 1,1-Dichloroethene-d2	2.27	63	131372	34.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.86%
21) 2-Butanone-d5	4.18	46	144378	103.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.51%
24) Chloroform-d	4.65	84	187807	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.31	65	130251	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
32) Benzene-d6	5.35	84	361640	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
36) 1,2-Dichloropropane-d6	6.34	67	120537	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.57	98	337156	47.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.52%
43) trans-1,3-Dichloropropene-	7.85	79	55880	46.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.24%
47) 2-Hexanone-d5	8.31	63	105643	106.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.37%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	160310	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	135811	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

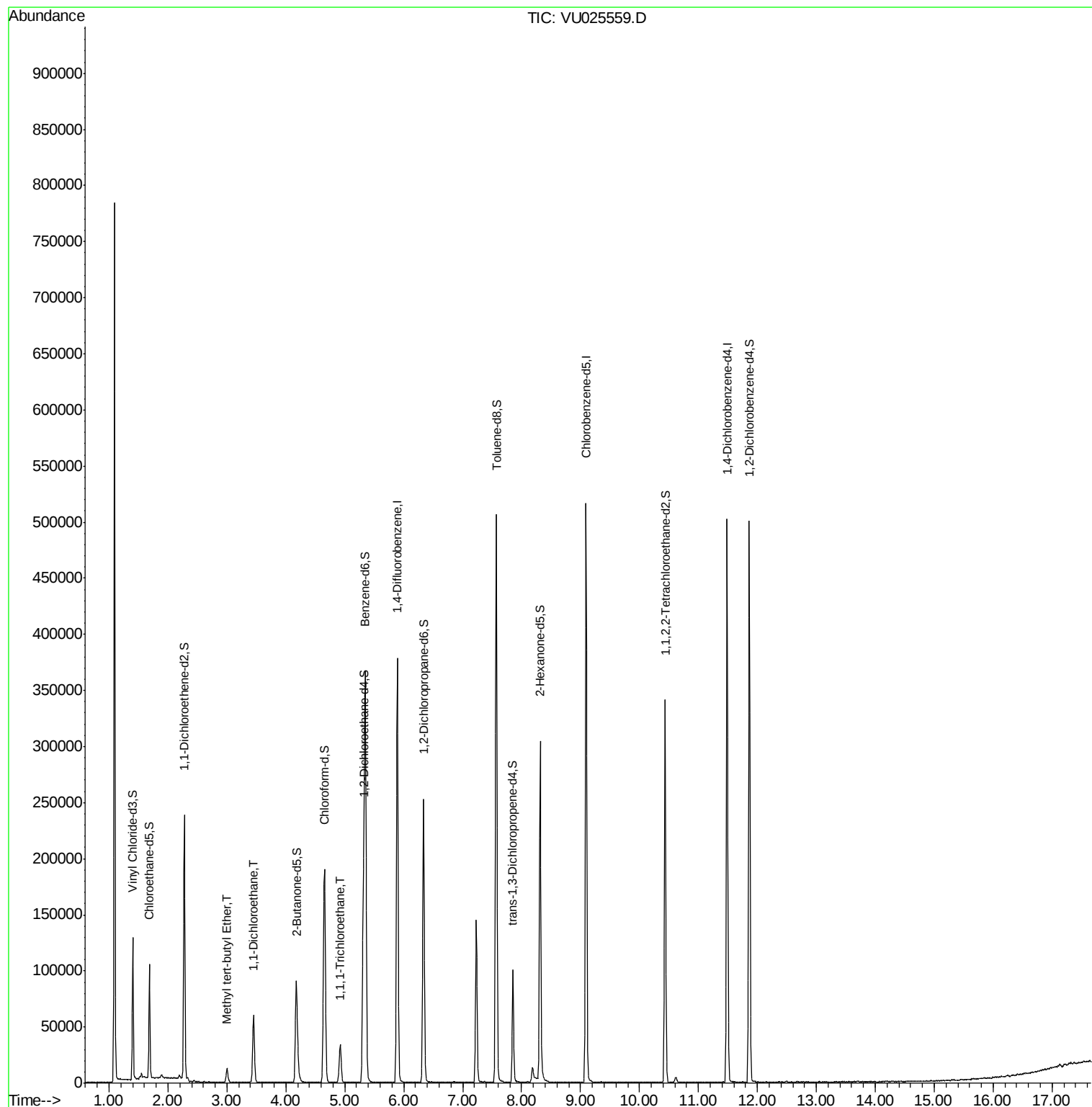
						Ovalue
18) Methyl tert-butyl Ether	3.00	73	12335	1.84	ug/L	98
19) 1,1-Dichloroethane	3.45	63	63152	16.14	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	27225	7.58	ug/L	99

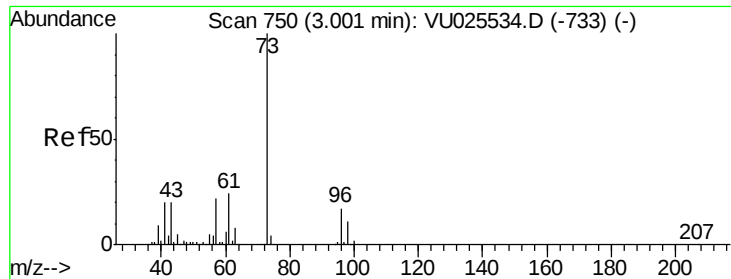
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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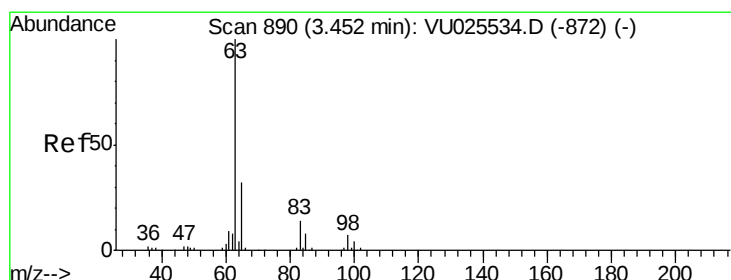
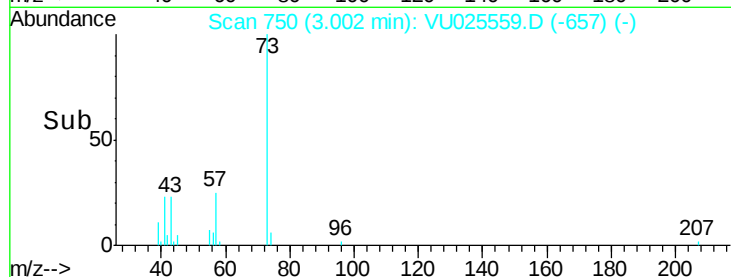
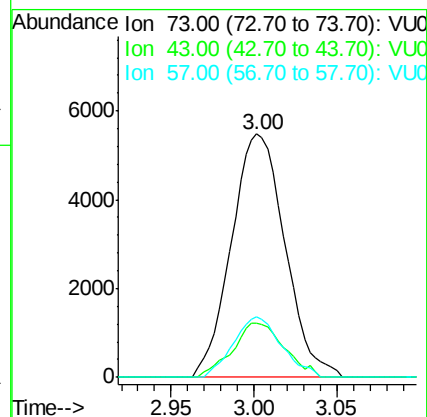
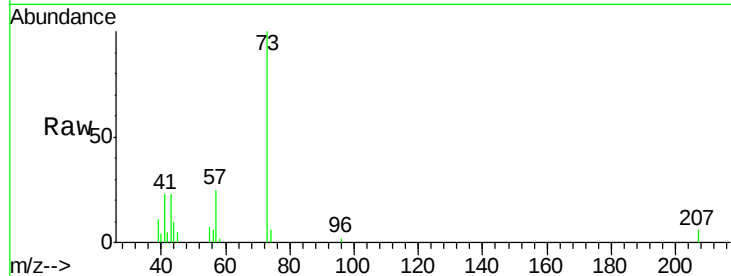




#18
Methvl tert-butvl Ether
Concen: 1.84 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025559.D
Acq: 20 Jul 2018 21:59

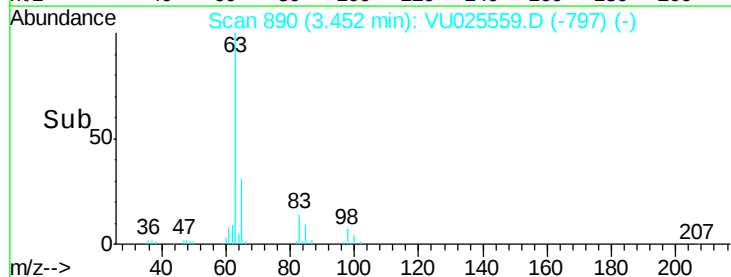
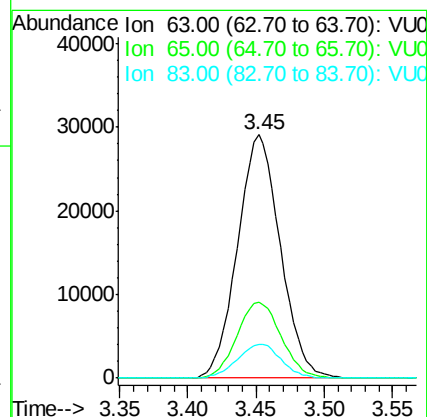
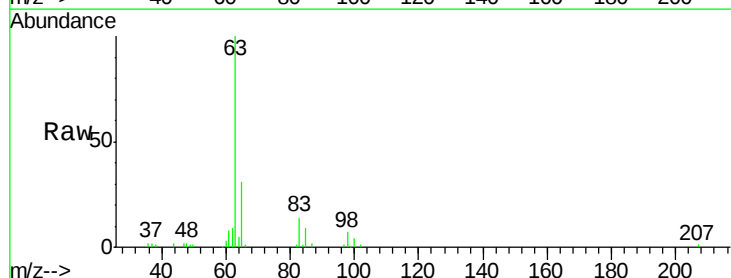
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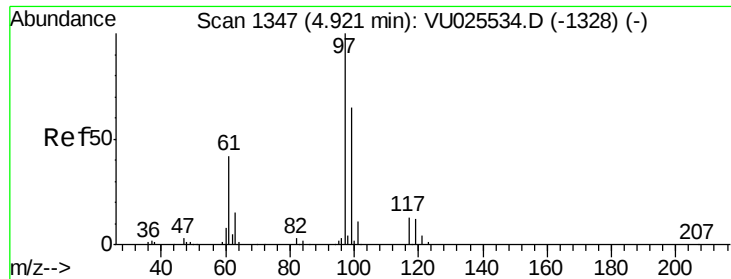
Tot Ion:	73	Resp:	12335
Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.2	24.2
57	22.3	17.1	25.7



#19
1,1-Dichloroethane
Concen: 16.14 ug/L
RT: 3.45 min Scan# 890
Delta R.T. 0.00 min
Lab File: VU025559.D
Acq: 20 Jul 2018 21:59

Tgt Ion:	63	Resp:	63152
Ion	Ratio	Lower	Upper
63	100		
65	31.2	22.0	41.0
83	13.9	9.6	17.8





#30

1,1,1-Trichloroethane

Concen: 7.58 ug/L

RT: 4.92 min Scan# 1347

Delta R.T. 0.00 min

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Instrument :

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Tot Ion: 97 Resp: 27225

Ion Ratio Lower Upper

97 100

99 64.2 52.4 78.6

61 43.2 34.6 52.0

