

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025557.D
 Acq On : 20 Jul 2018 21:13
 Operator : MD/SY
 Sample : J4097-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:55:03 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	319834	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	291035	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80399	44.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.06%
7) Chloroethane-d5	1.68	69	69663	46.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.50%
11) 1,1-Dichloroethene-d2	2.27	63	132508	34.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.72%
21) 2-Butanone-d5	4.18	46	146419	103.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.87%
24) Chloroform-d	4.65	84	186497	45.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.70%
26) 1,2-Dichloroethane-d4	5.31	65	130692	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
32) Benzene-d6	5.35	84	365313	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
36) 1,2-Dichloropropane-d6	6.34	67	119490	49.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.36%
41) Toluene-d8	7.57	98	339358	47.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.82%
43) trans-1,3-Dichloropropene-	7.85	79	55805	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.31	63	110948	110.17	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.17%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162433	48.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	136350	50.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.70%

Target Compounds

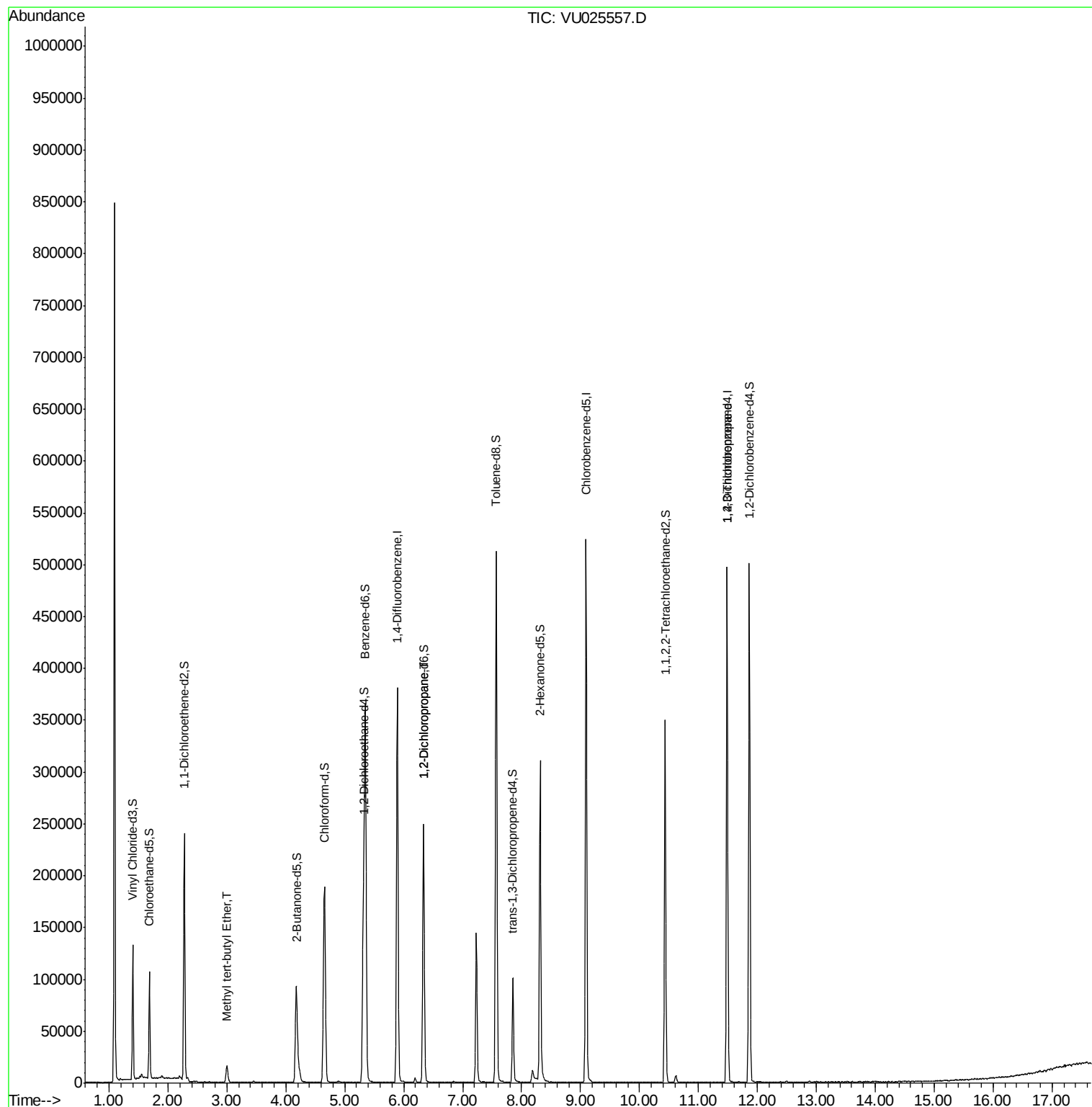
					Ovalue
18) Methyl tert-butyl Ether	3.00	73	15337	2.266 ug/L	97
37) 1,2-Dichloropropane	6.34	63	13764	6.023 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	14941	5.567 ug/L #	82

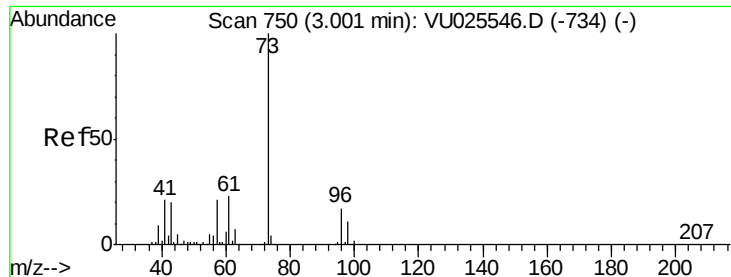
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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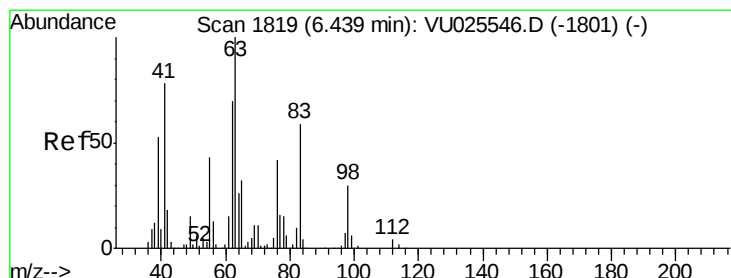
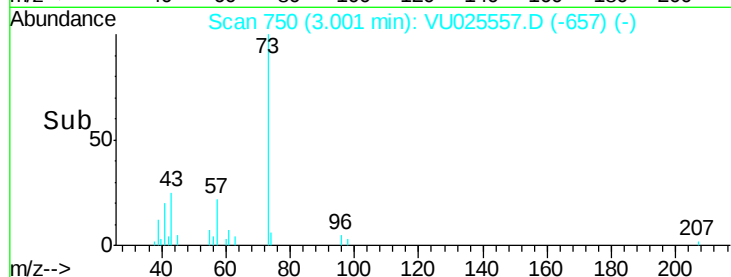
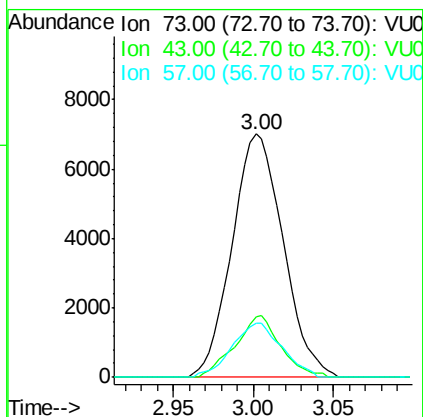
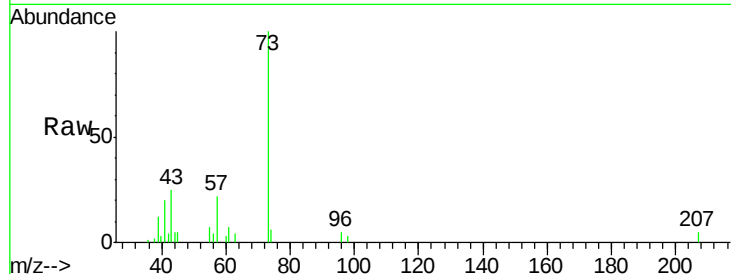




#18
Methvl tert-butvl Ether
Concen: 2.266 ug/L
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU025557.D
Acq: 20 Jul 2018 21:13

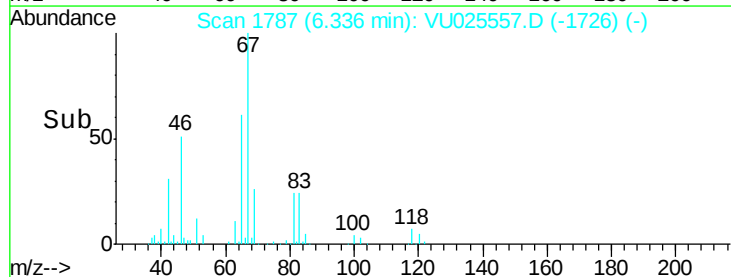
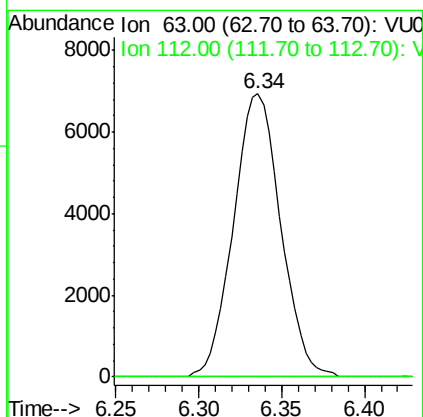
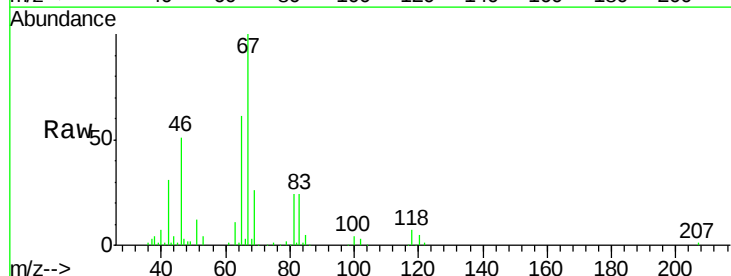
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MSVOA_U
ClientSampleId :

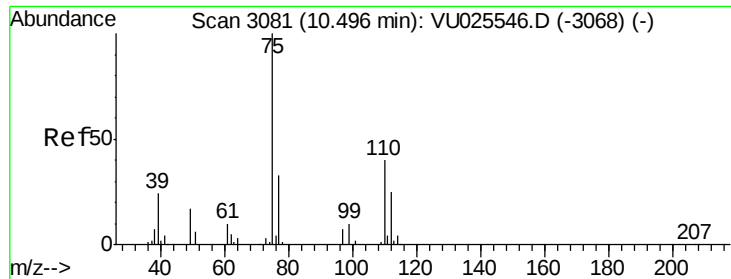
Tot Ion: 73 Resp: 15337
Ion Ratio Lower Upper
73 100
43 22.4 16.2 24.2
57 21.7 17.1 25.7



#37
1,2-Dichloropropane
Concen: 6.023 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025557.D
Acq: 20 Jul 2018 21:13

Tgt Ion: 63 Resp: 13764
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#59
 1,2,3-Trichloropropane
 Concen: 5.567 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU025557.D
 Acq: 20 Jul 2018 21:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 14941
 Ion Ratio Lower Upper
 75 100
 77 42.5 25.8 38.8#

