

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025566.D
 Acq On : 21 Jul 2018 00:41
 Operator : MD/SY
 Sample : J4097-19
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:56:06 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	317064	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129765	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79450	43.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.78%
7) Chloroethane-d5	1.68	69	67750	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.76%
11) 1,1-Dichloroethene-d2	2.27	63	127482	33.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.66%
21) 2-Butanone-d5	4.18	46	141490	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.65	84	183782	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.31	65	125597	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.20%
32) Benzene-d6	5.35	84	357124	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.34	67	116098	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.57	98	329955	46.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.36%
43) trans-1,3-Dichloropropene-	7.85	79	52997	43.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.44%
47) 2-Hexanone-d5	8.31	63	103292	102.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	158847	47.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	131574	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%

Target Compounds

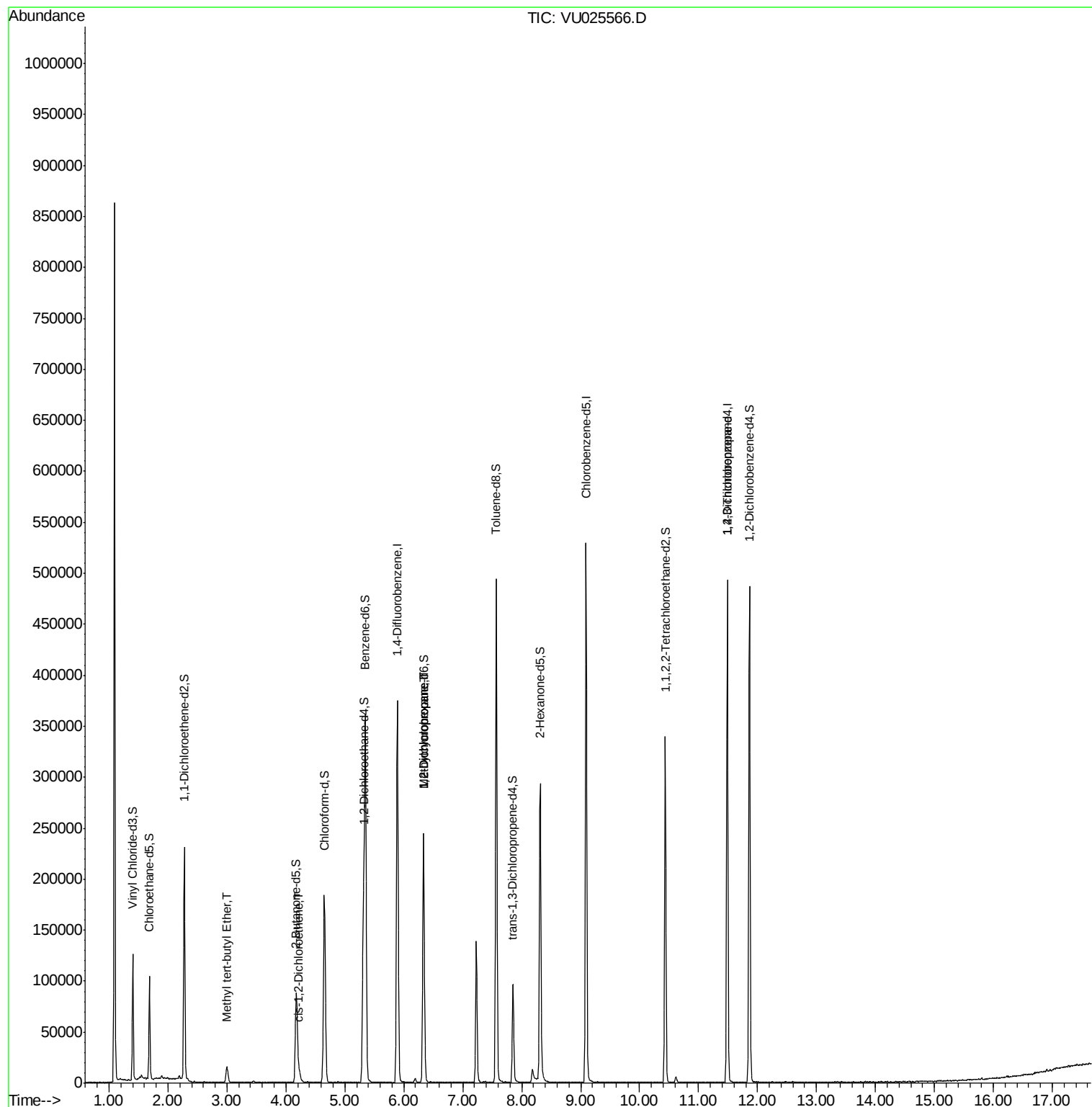
					Ovalue
18) Methyl tert-butyl Ether	3.00	73	14856	2.214 ug/L #	89
20) cis-1,2-Dichloroethene	4.23	96	4354	1.872 ug/L	92
35) Methylcyclohexane	6.34	83	27854	7.801 ug/L #	19
37) 1,2-Dichloropropane	6.34	63	12878	5.646 ug/L #	88
59) 1,2,3-Trichloropropane	11.49	75	13811	5.155 ug/L #	85

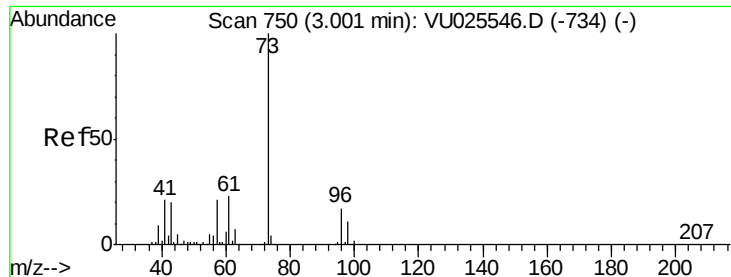
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 21 02:53:20 2018
Response via : Initial Calibration



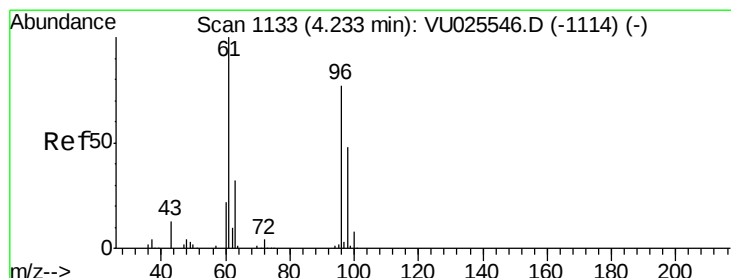
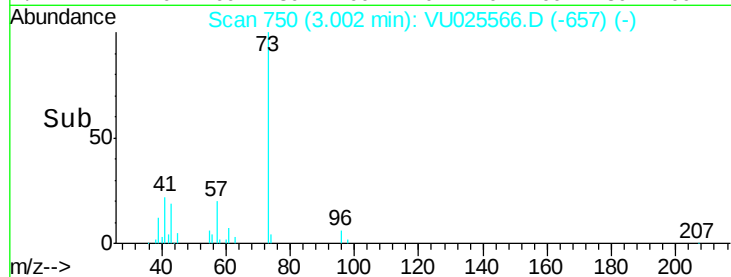
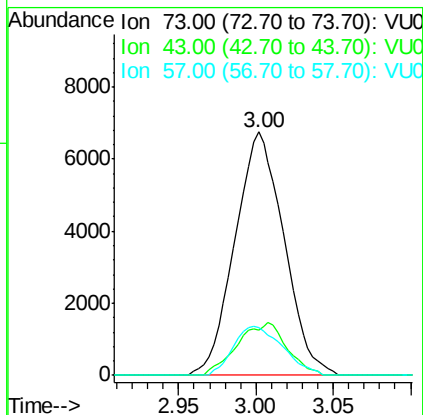
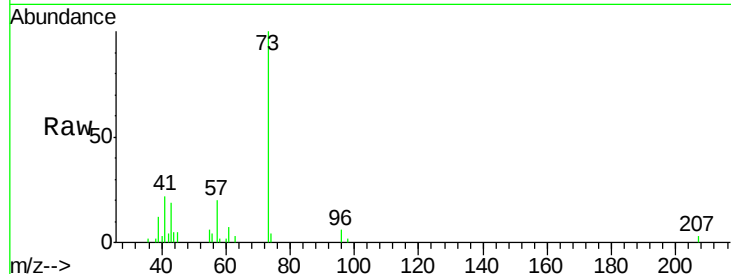


#18

Methvl tert-butvl Ether
 Concen: 2.214 ug/L
 RT: 3.00 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: VU025566.D
 Acq: 21 Jul 2018 00:41

Instrument :
 MSVOA_U
 ClientSampleId :

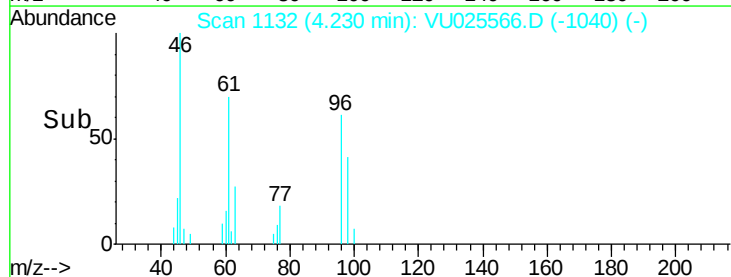
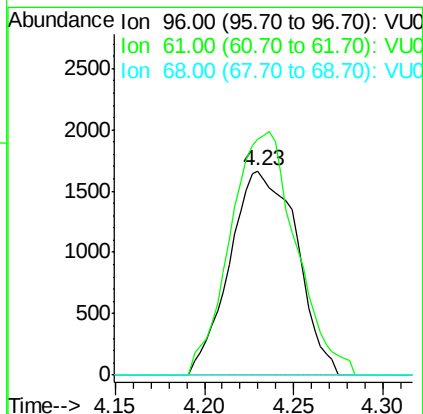
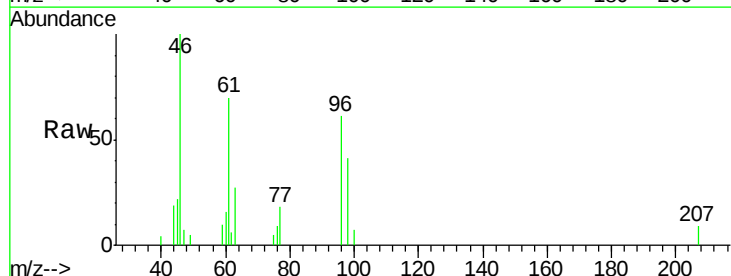
Tot Ion	73	Resp	14856
Ion Ratio	Lower	Upper	
73	100		
43	10.6	16.2	24.2#
57	20.3	17.1	25.7

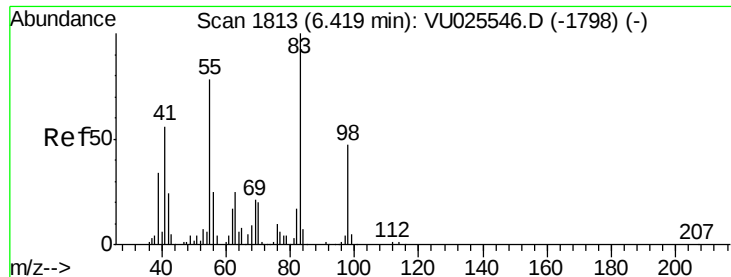


#20

cis-1,2-Dichloroethene
 Concen: 1.872 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU025566.D
 Acq: 21 Jul 2018 00:41

Tgt Ion	96	Resp	4354
Ion Ratio	Lower	Upper	
96	100		
61	115.3	87.4	162.2
68	0.0	0.0	0.0

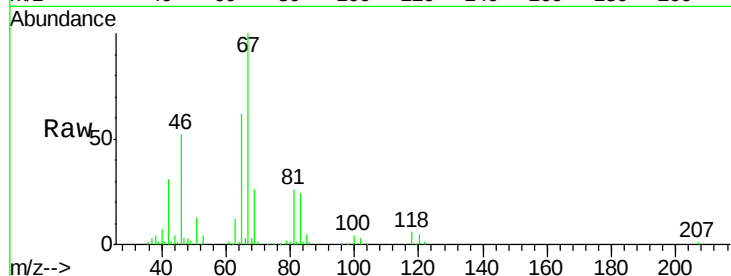




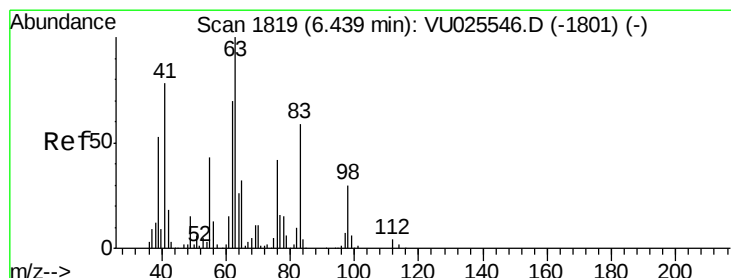
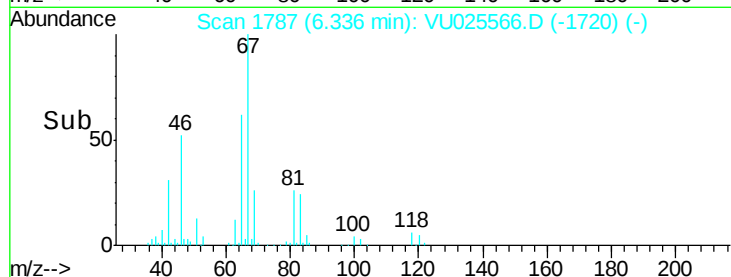
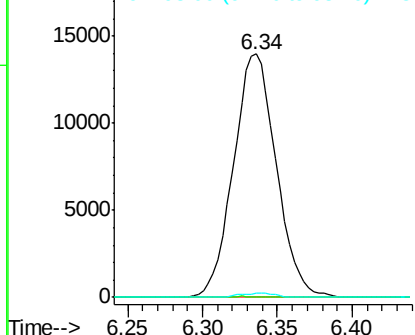
#35
Methvlcvclohexane
Concen: 7.801 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU025566.D
Acq: 21 Jul 2018 00:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 27854
Ion Ratio Lower Upper
83 100
55 0.0 61.1 91.7#
98 1.4 38.6 57.8#

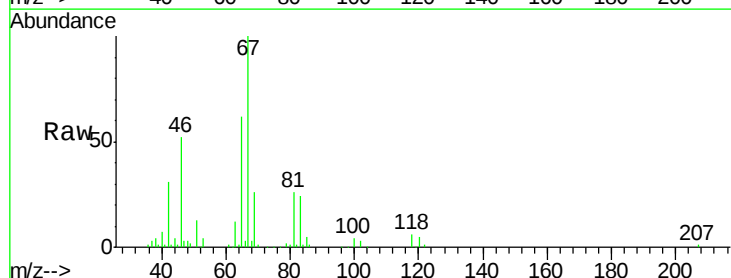


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

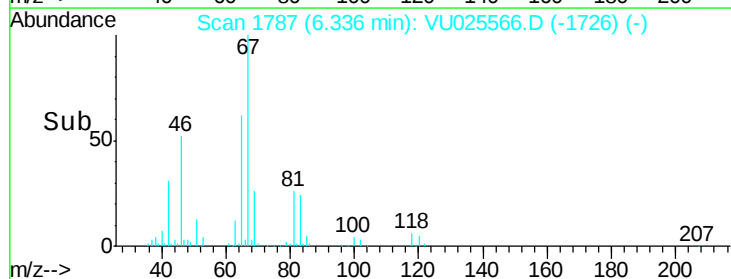
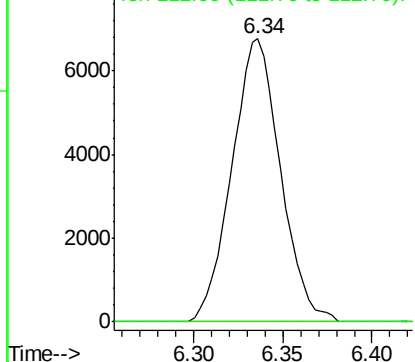


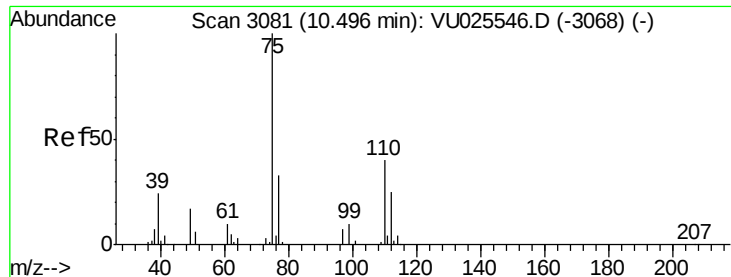
#37
1,2-Dichloropropane
Concen: 5.646 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU025566.D
Acq: 21 Jul 2018 00:41

Tgt Ion: 63 Resp: 12878
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: 5.155 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025566.D

Acq: 21 Jul 2018 00:41

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 13811

Ion Ratio Lower Upper

75 100

77 40.5 25.8 38.8#

