

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072018\
 Data File : VU025551.D
 Acq On : 20 Jul 2018 18:53
 Operator : MD/SY
 Sample : J4097-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 21 02:54:22 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	326504	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297159	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	137471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	81496	43.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.44%
7) Chloroethane-d5	1.68	69	69431	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.27	63	132900	34.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.50%
21) 2-Butanone-d5	4.18	46	147095	102.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.22%
24) Chloroform-d	4.65	84	188227	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
26) 1,2-Dichloroethane-d4	5.31	65	128461	46.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.56%
32) Benzene-d6	5.35	84	363036	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.34	67	119332	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.18%
41) Toluene-d8	7.57	98	337855	46.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.46%
43) trans-1,3-Dichloropropene-	7.85	79	56478	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.06%
47) 2-Hexanone-d5	8.31	63	106852	103.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.92%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	162051	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	137848	49.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.96%

Target Compounds

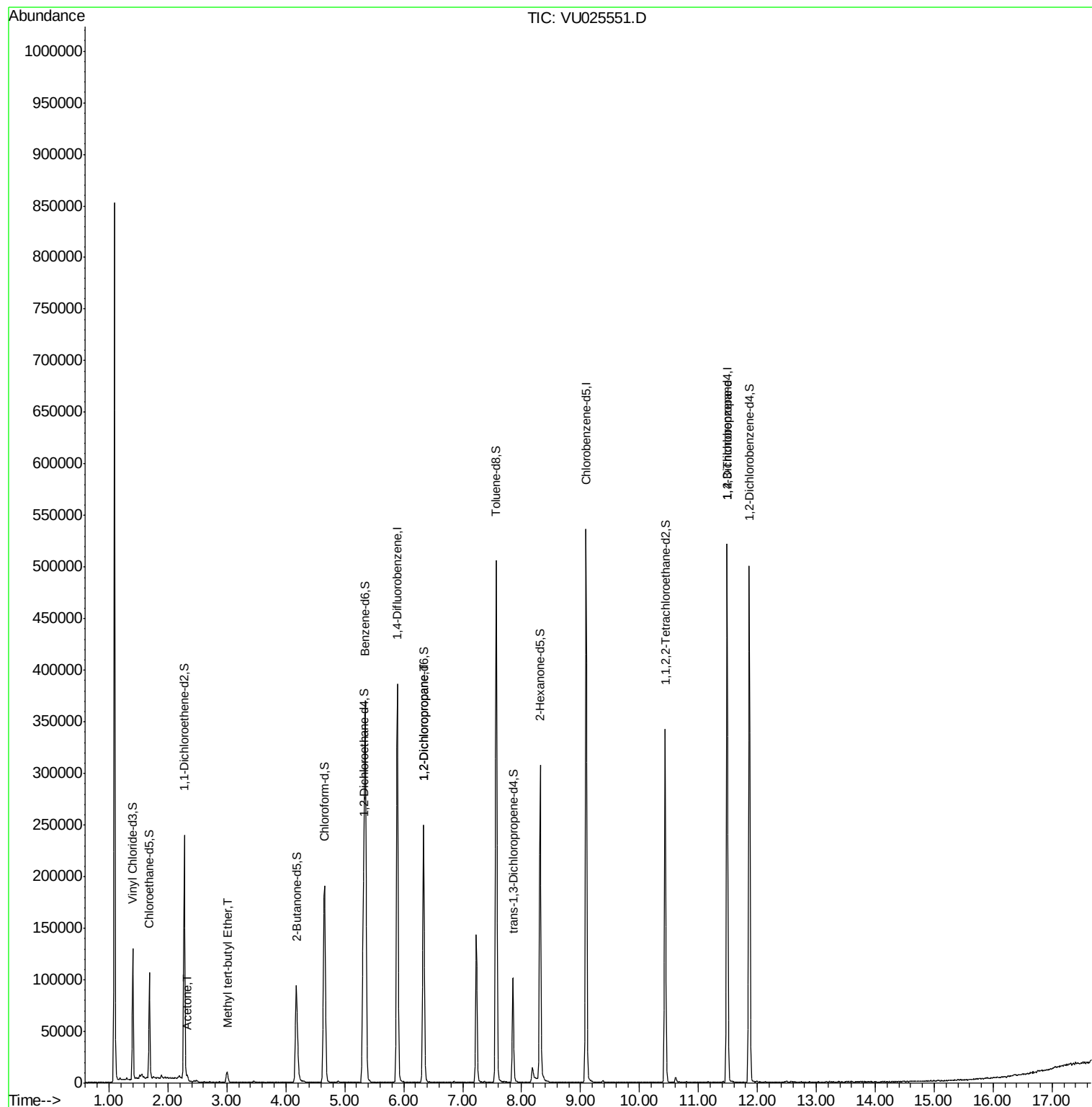
					Ovalue
13) Acetone	2.32	43	4980	2.948 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	10761	1.557 ug/L	97
37) 1,2-Dichloropropane	6.34	63	13455	5.767 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	15666	5.716 ug/L	90

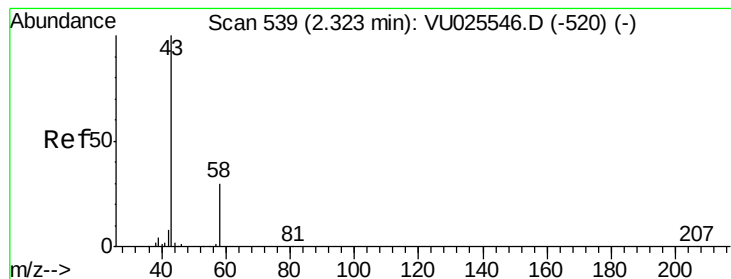
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.948 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025551.D

Acq: 20 Jul 2018 18:53

Instrument :

MSVOA_U

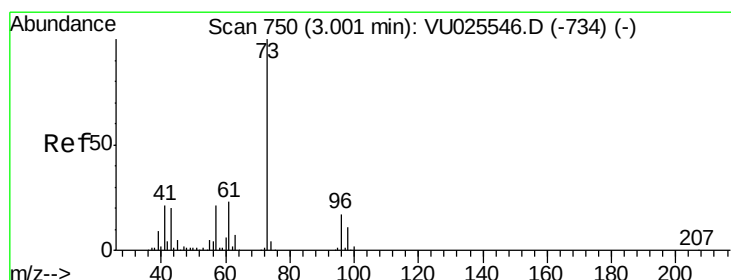
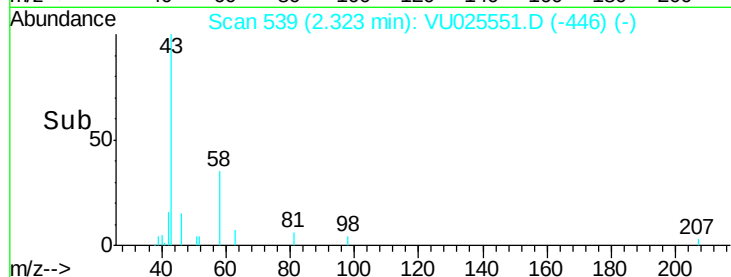
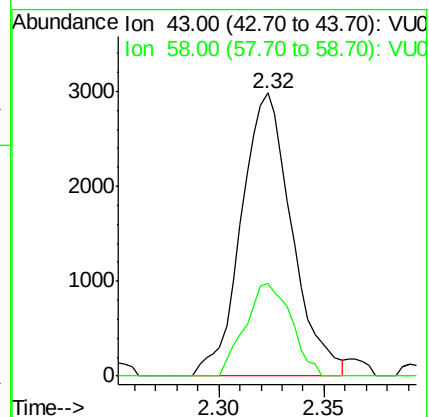
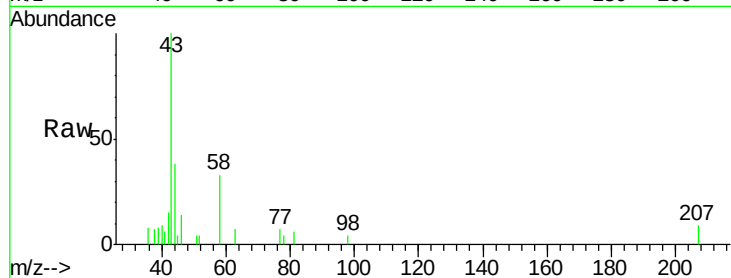
ClientSampleId :

Tot Ion: 43 Resp: 4980

Ion Ratio Lower Upper

43 100

58 29.7 0.0 61.2



#18

Methyl tert-butyl Ether

Concen: 1.557 ug/L

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025551.D

Acq: 20 Jul 2018 18:53

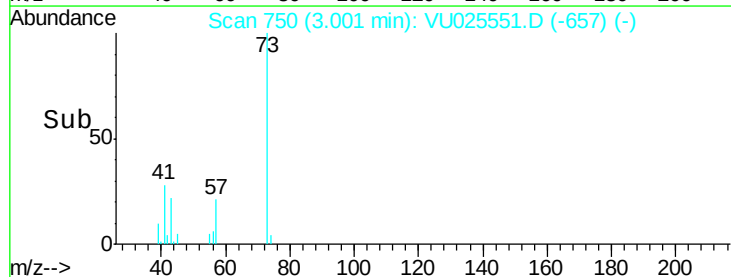
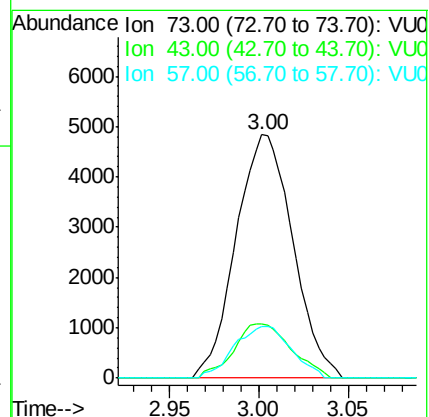
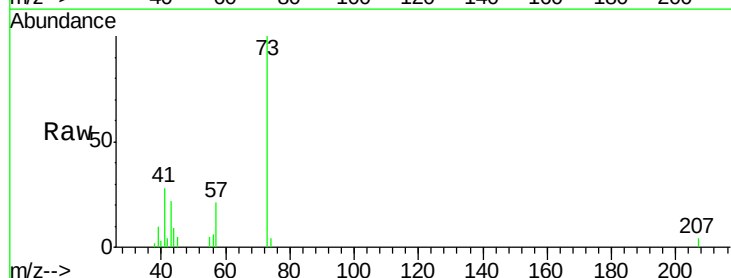
Tgt Ion: 73 Resp: 10761

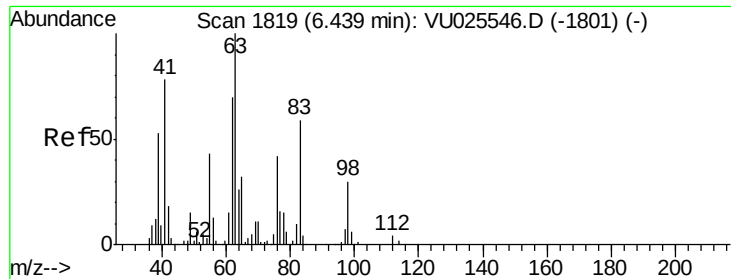
Ion Ratio Lower Upper

73 100

43 22.5 16.2 24.2

57 21.2 17.1 25.7

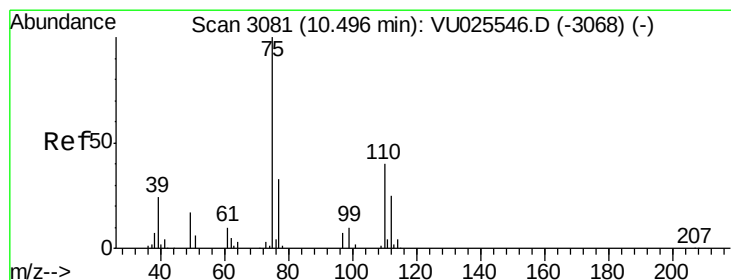
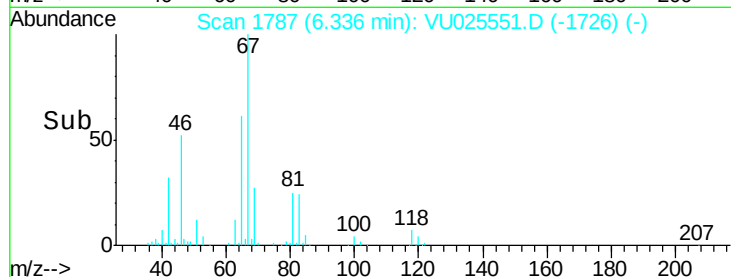
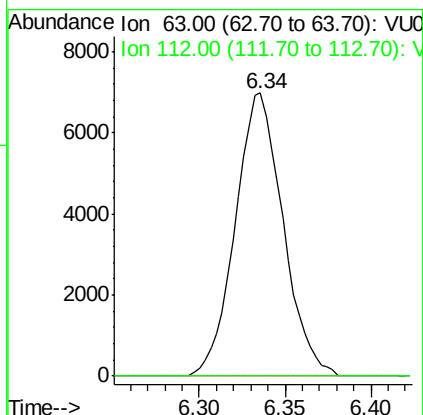
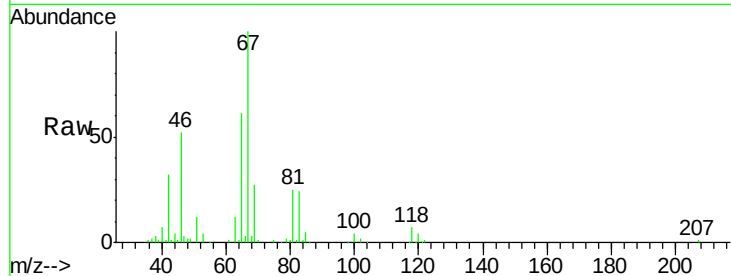




#37
 1,2-Dichloropropane
 Concen: 5.767 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025551.D
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Instrument :
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 ClientSampleId :

Tot Ion: 63 Resp: 13455
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#59
 1,2,3-Trichloropropane
 Concen: 5.716 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU025551.D
 Acq: 20 Jul 2018 18:53

Tgt Ion: 75 Resp: 15666
 Ion Ratio Lower Upper
 75 100
 77 38.1 25.8 38.8

