

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U112118\
 Data File : VU028317.D
 Acq On : 21 Nov 2018 14:15
 Operator : MD/SY
 Sample : J6026-22
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FP1

Quant Time: Nov 21 23:39:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 22:33:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	170132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	163090	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58928	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	47828	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.27	63	87841	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.19	46	185786	43.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.74%
24) Chloroform-d	4.65	84	102497	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.31	65	58289	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.34	84	211198	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	75425	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.56	98	183154	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	27261	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.31	63	125958	38.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	53836	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	59510	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

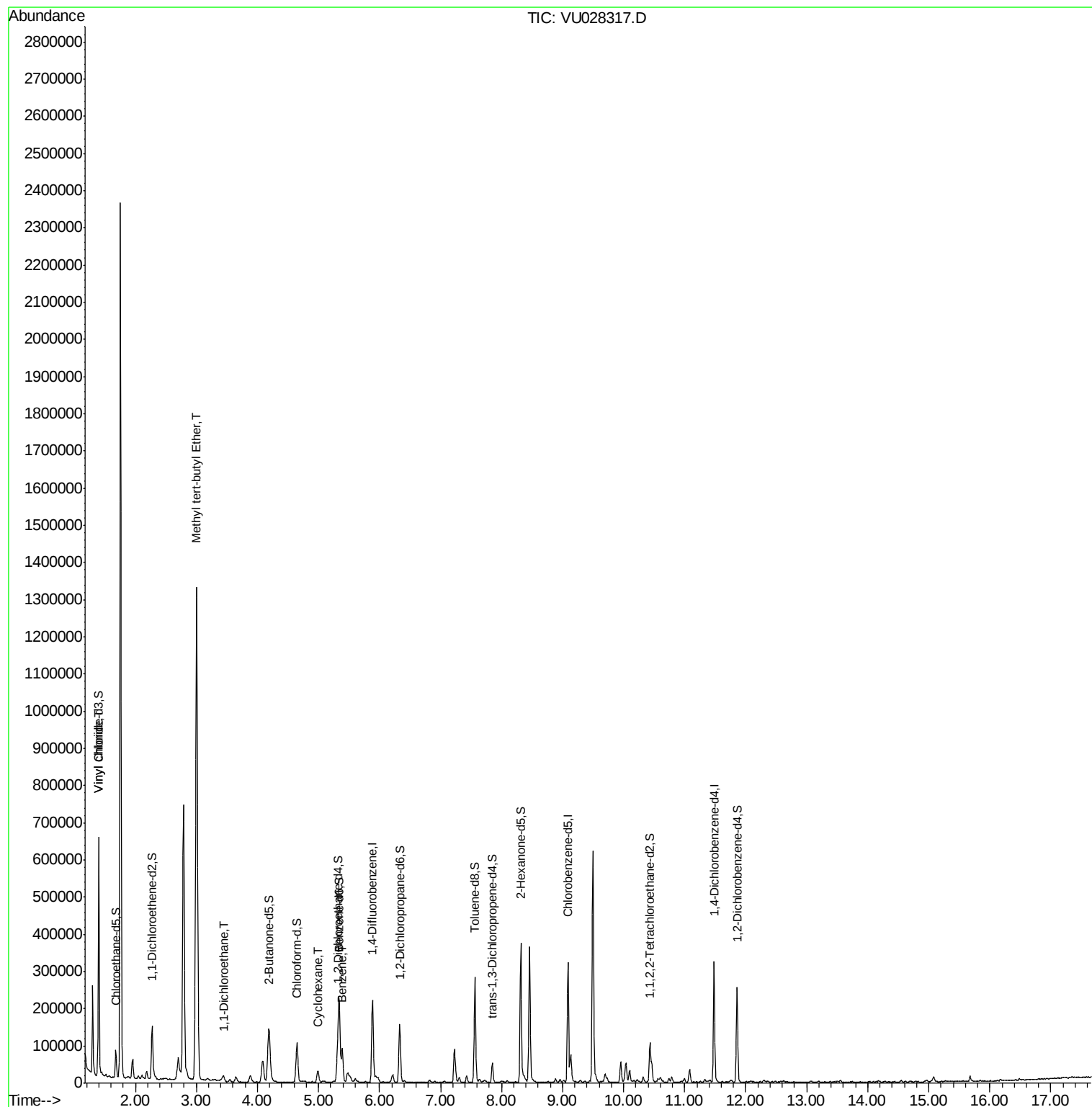
					Qvalue
5) Vinyl chloride	1.40	62	10540	0.610 ug/L	86
17) Methyl tert-butyl Ether	3.00	73	1267095	40.272 ug/L	96
19) 1,1-Dichloroethane	3.44	63	12670	0.490 ug/L	93
30) Cyclohexane	4.99	56	16179	0.672 ug/L	98
33) Benzene	5.39	78	84568	1.572 ug/L	100

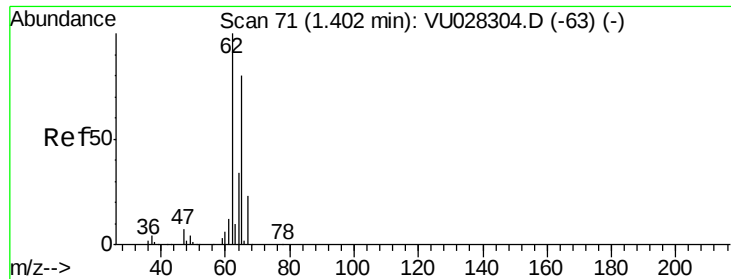
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.610 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

Instrument :

MSVOA_U

ClientSampleId :

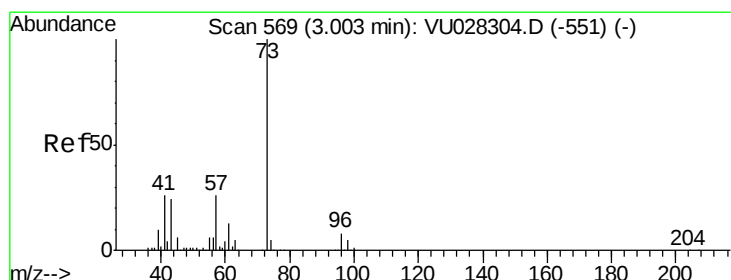
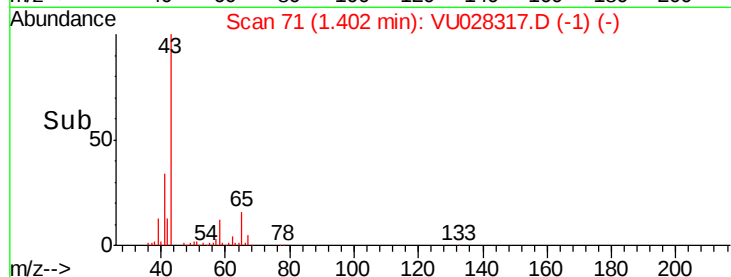
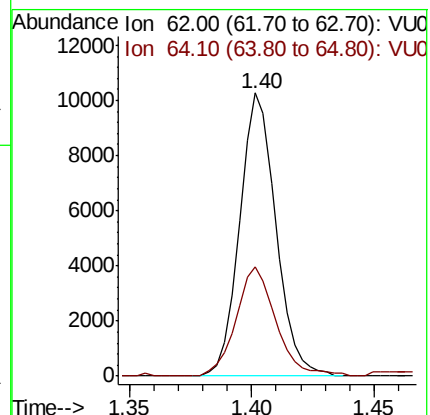
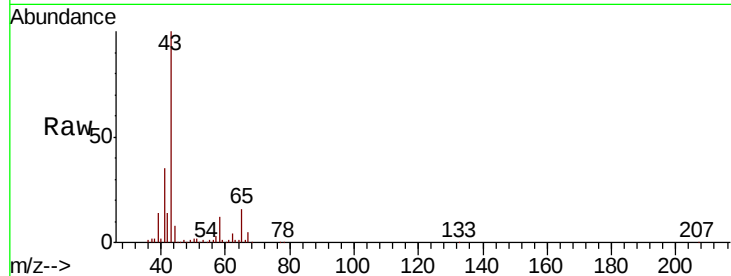
H0FP1

Tgt Ion: 62 Resp: 10540

Ion Ratio Lower Upper

62 100

64 38.6 21.7 40.3



#17

Methyl tert-butyl Ether

Concen: 40.272 ug/L

RT: 3.00 min Scan# 569

Delta R.T. -0.00 min

Lab File: VU028317.D

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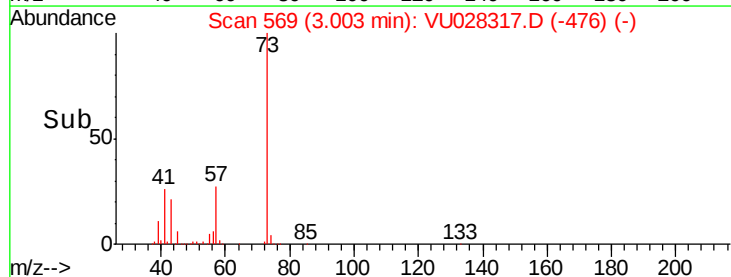
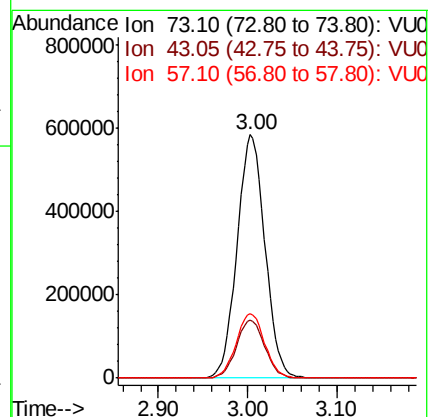
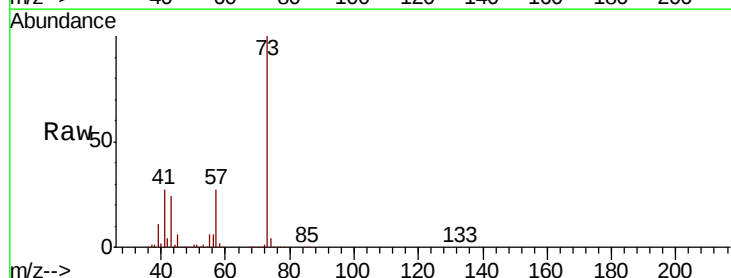
Tgt Ion: 73 Resp: 1267095

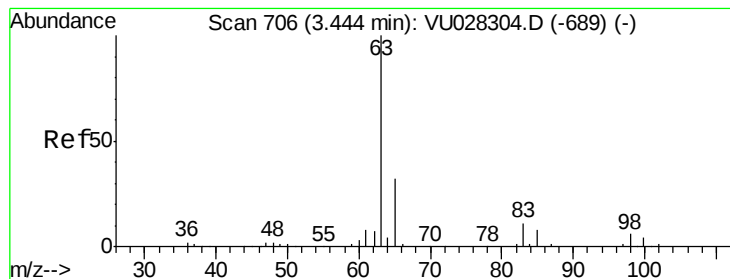
Ion Ratio Lower Upper

73 100

43 24.2 18.8 28.2

57 27.1 19.2 28.8





#19

1,1-Dichloroethane

Concen: 0.490 ug/L

RT: 3.44 min Scan# 706

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

H0FP1

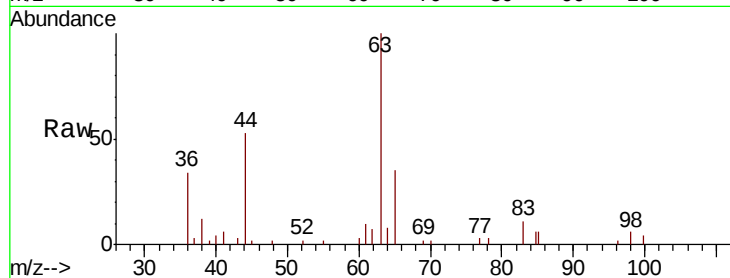
Tgt Ion: 63 Resp: 12670

Ion Ratio Lower Upper

63 100

65 34.7 21.2 39.4

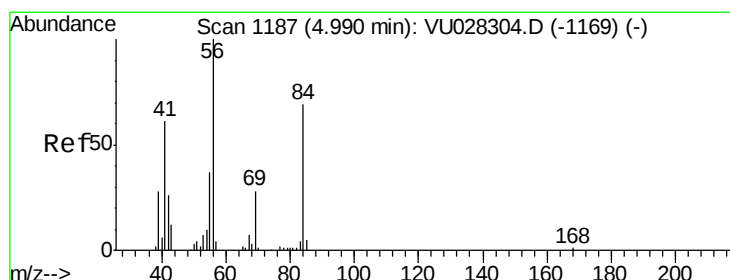
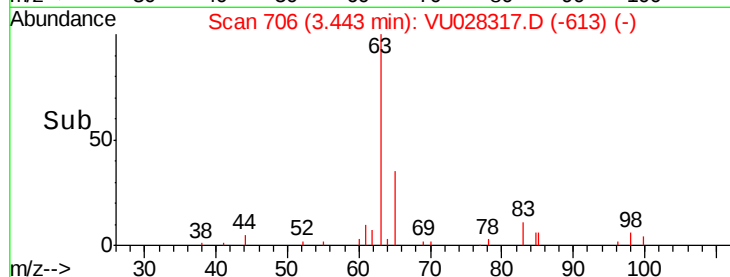
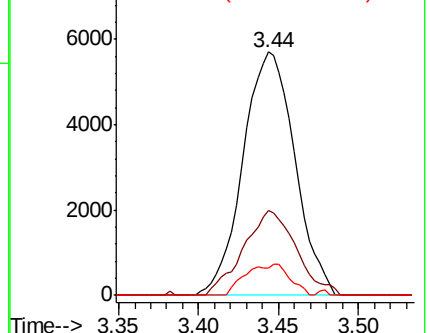
83 11.4 8.8 16.4



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0



#30

Cyclohexane

Concen: 0.672 ug/L

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

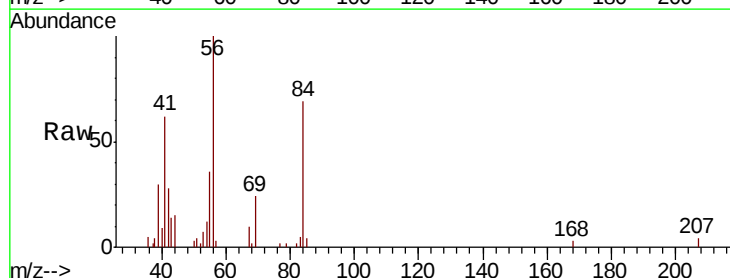
Tgt Ion: 56 Resp: 16179

Ion Ratio Lower Upper

56 100

69 28.2 22.0 33.0

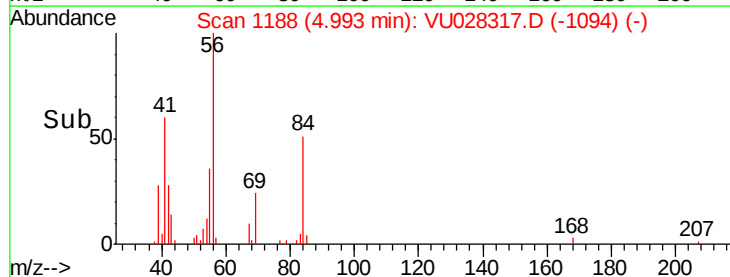
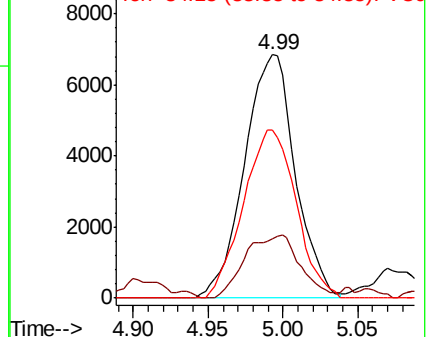
84 71.8 56.0 84.0

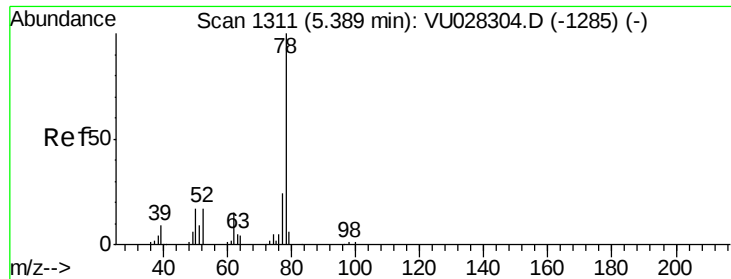


Abundance Ion 56.10 (55.80 to 56.80): VU0

Ion 69.15 (68.85 to 69.85): VU0

Ion 84.15 (83.85 to 84.85): VU0





#33

Benzene

Concen: 1.572 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.00 min

Lab File: VU028317.D

Acq: 21 Nov 2018 14:15

Instrument :
MSVOA_U
ClientSampleId :
H0FP1

Tgt Ion: 78 Resp: 84568

