

Data File : VU024925.D
Acq On : 26 Jun 2018 14:54
Operator : MD/SY
Sample : J3621-16ME
Misc : 7.21g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DAZ78ME

Quant Time: Jun 27 01:10:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 27 01:09:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	395471	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	359142	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	171407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	69591	30.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.48%
7) Chloroethane-d5	1.66	69	44203	25.38	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.76%#
11) 1,1-Dichloroethene-d2	2.25	63	124921	27.62	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.24%#
21) 2-Butanone-d5	4.19	46	153396	80.28	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.28%
24) Chloroform-d	4.65	84	184256	40.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.31	65	135081	47.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.46%
32) Benzene-d6	5.34	84	367556	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
36) 1,2-Dichloropropane-d6	6.33	67	121391	41.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.68%
41) Toluene-d8	7.57	98	353805	40.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.85	79	60225	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
47) 2-Hexanone-d5	8.33	63	123643	82.79	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.79%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	173234	40.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.42%
64) 1,2-Dichlorobenzene-d4	11.87	152	148524	44.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.82%

Target Compounds

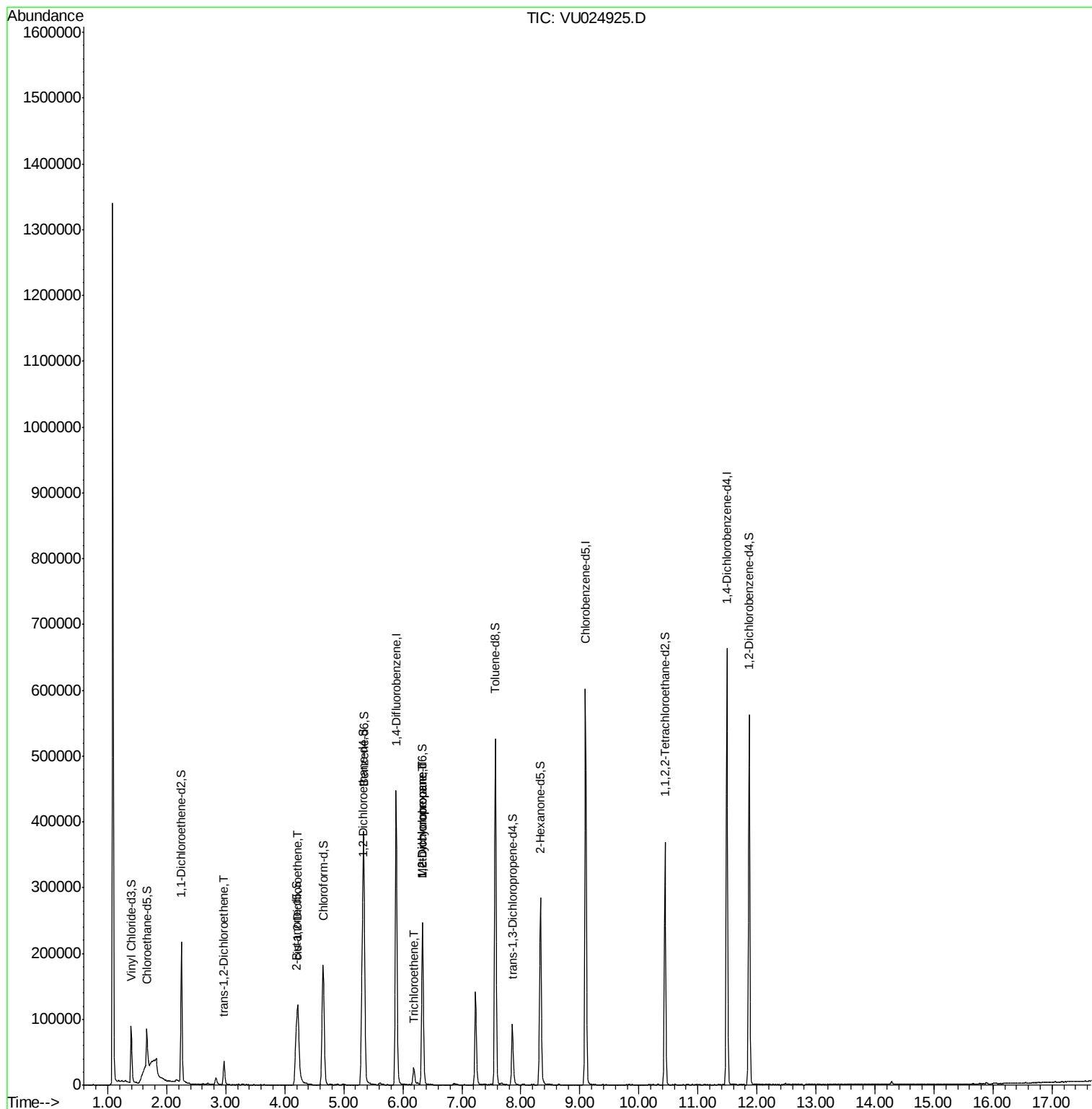
					Qvalue
17) trans-1,2-Dichloroethene	2.97	96	13701	5.166 ug/L	92
20) cis-1,2-Dichloroethene	4.22	96	50194	16.233 ug/L	98
34) Trichloroethene	6.18	95	8802	3.018 ug/L	94
35) Methylcyclohexane	6.33	83	29745	6.344 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14487	4.938 ug/L #	88

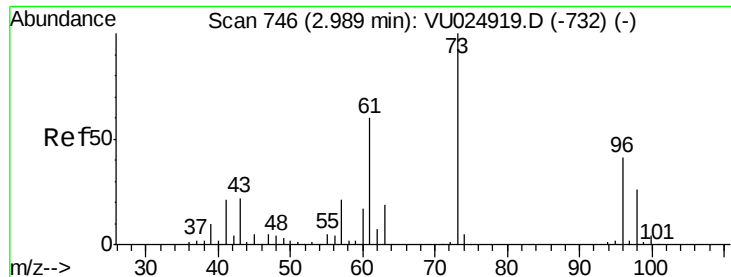
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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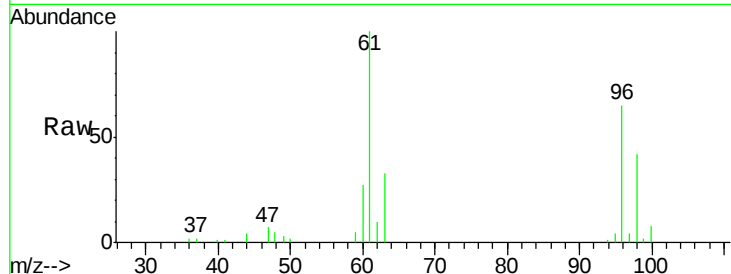




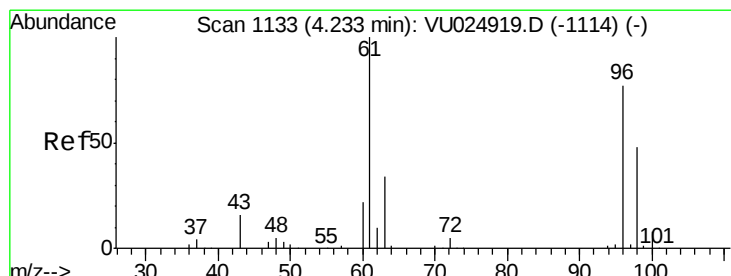
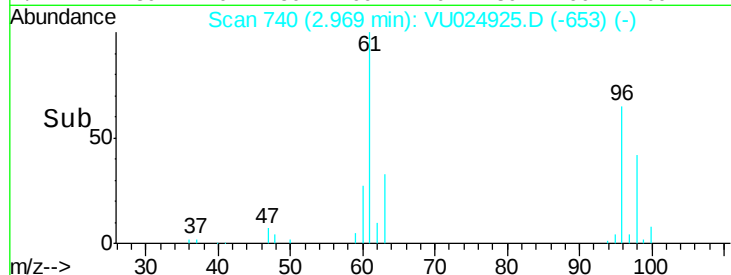
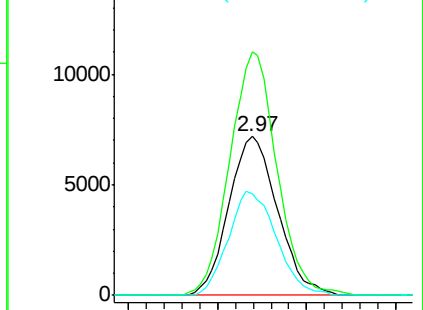
#17
trans-1,2-Dichloroethene
Concen: 5.166 ug/L
RT: 2.97 min Scan# 740
Delta R.T. -0.02 min
Lab File: VU024925.D
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Instrument :
MSVOA_U
ClientSampled :
DAZ78ME

Tgt Ion: 96 Resp: 13701
Ion Ratio Lower Upper
96 100
61 153.5 97.4 180.8
98 64.3 44.9 83.5

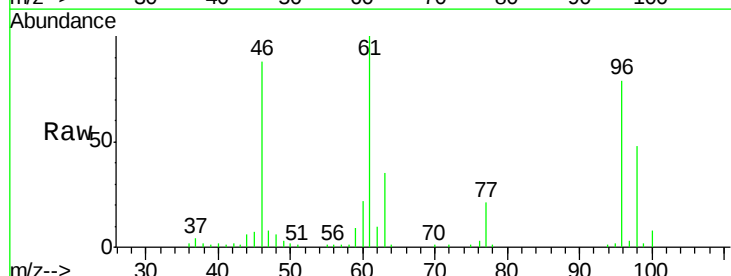


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

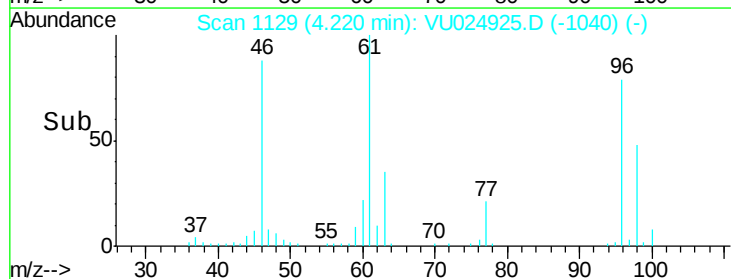
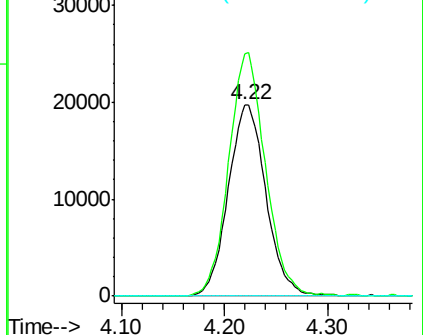


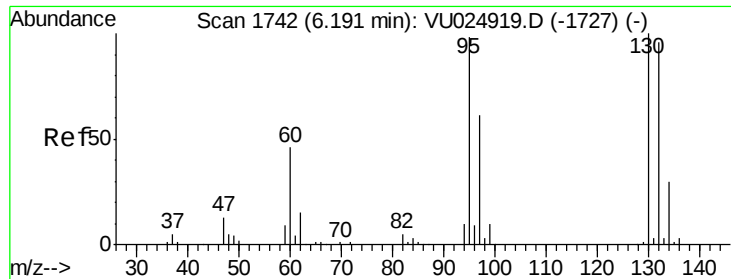
#20
cis-1,2-Dichloroethene
Concen: 16.233 ug/L
RT: 4.22 min Scan# 1129
Delta R.T. -0.01 min
Lab File: VU024925.D
Acq: 26 Jun 2018 14:54

Tgt Ion: 96 Resp: 50194
Ion Ratio Lower Upper
96 100
61 126.9 87.1 161.7
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 3.018 ug/L

RT: 6.18 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VU024925.D

Acq: 26 Jun 2018 14:54

Instrument :

MSVOA_U

ClientSampleId :

DAZ78ME

Tgt Ion: 95 Resp: 8802

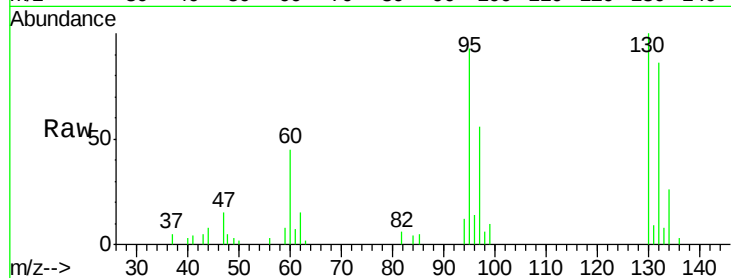
Ion Ratio Lower Upper

95 100

97 60.2 44.8 83.2

132 93.0 70.4 130.8

130 107.9 72.6 134.8

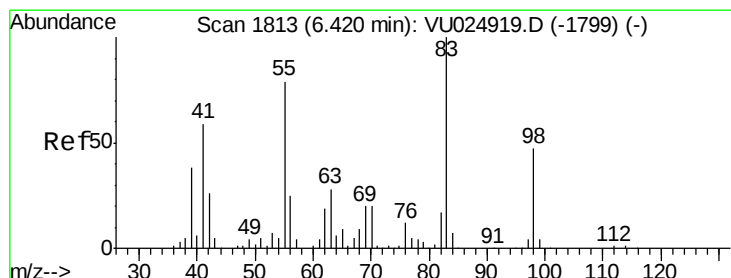
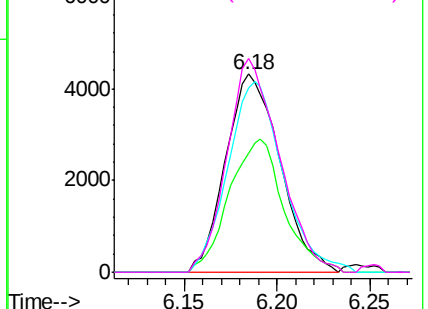
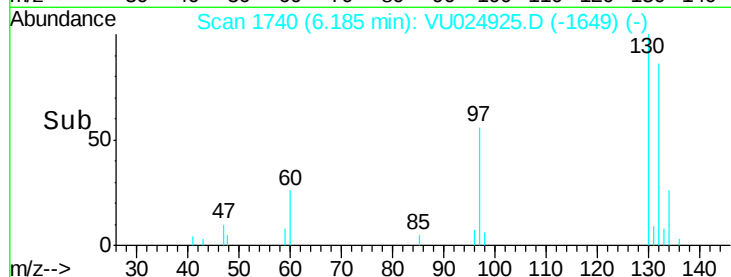


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 6.344 ug/L

RT: 6.33 min Scan# 1785

Delta R.T. -0.09 min

Lab File: VU024925.D

Acq: 26 Jun 2018 14:54

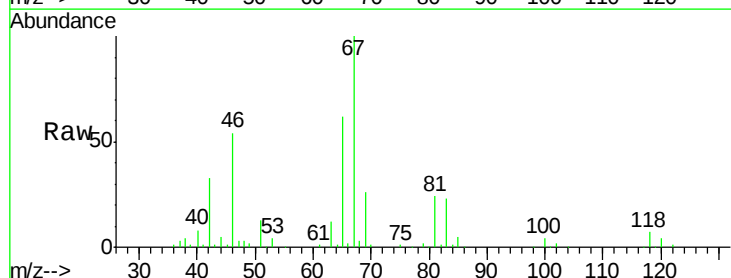
Tgt Ion: 83 Resp: 29745

Ion Ratio Lower Upper

83 100

55 0.5 59.4 89.0#

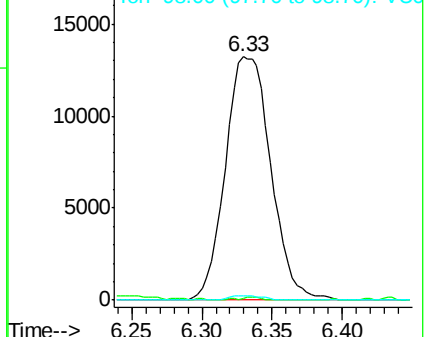
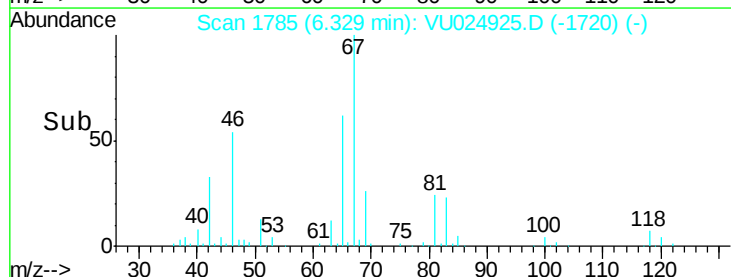
98 1.3 37.6 56.4#

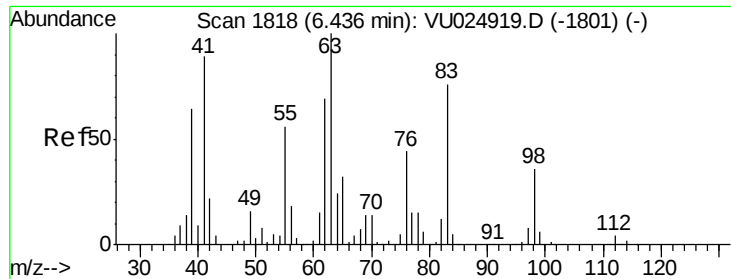


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 4.938 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU024925.D

Acq: 26 Jun 2018 14:54

Instrument :

MSVOA_U

ClientSampleId :

DAZ78ME

Tgt Ion: 63 Resp: 14487

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#

