

Data File : VU028979.D
Acq On : 27 Dec 2018 21:27
Operator : MD/SY
Sample : J6506-22
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Dec 28 03:40:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 28 03:05:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	116565	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	111221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51749	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30238	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.68	69	27014	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	41236	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.20	46	84391	51.76	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.65	84	57553	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.31	65	29852	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.34	84	123557	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.33	67	41612	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.57	98	110944	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.85	79	14407	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.31	63	69812	49.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32277	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	42510	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

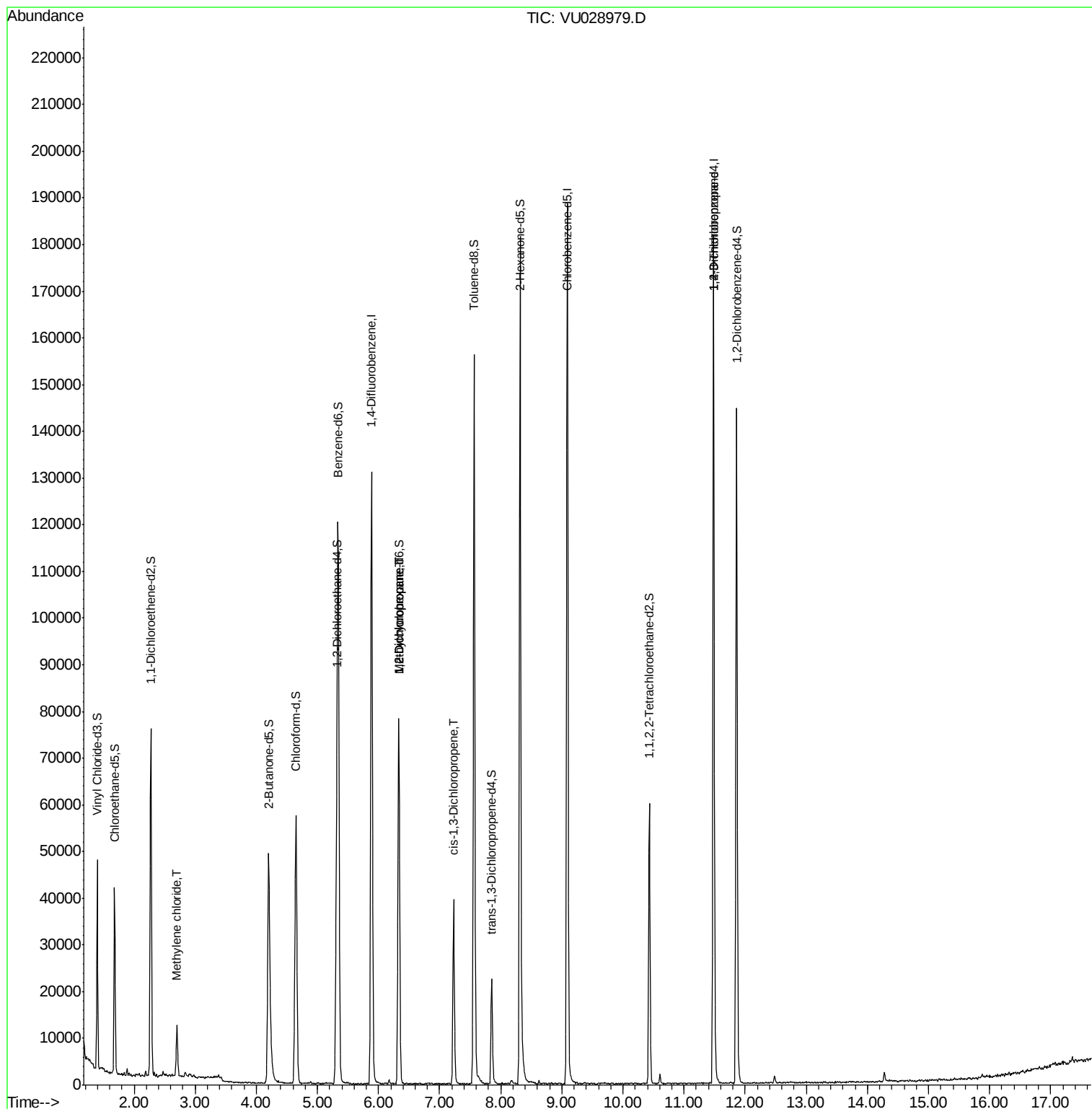
					Qvalue
16) Methylene chloride	2.70	84	4933	0.413 ug/L	94
35) Methylcyclohexane	6.33	83	8667	0.555 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4095	0.452 ug/L #	89
39) cis-1,3-Dichloropropene	7.22	75	775	0.060 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	5977	1.132 ug/L	97

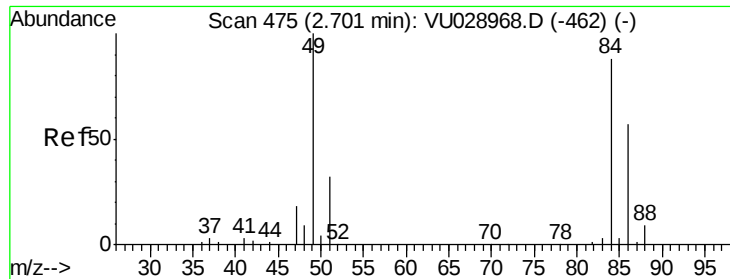
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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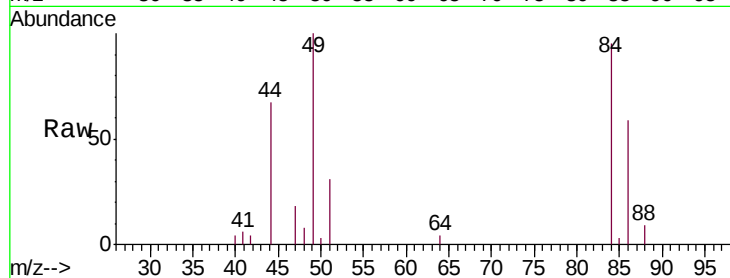




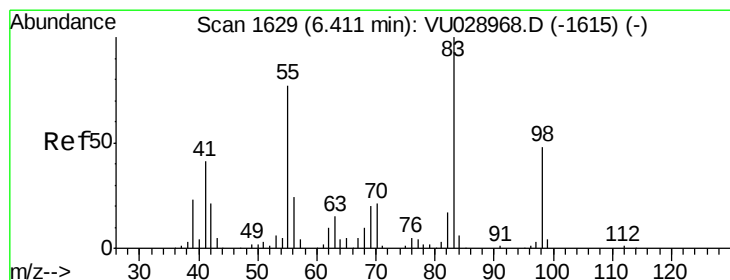
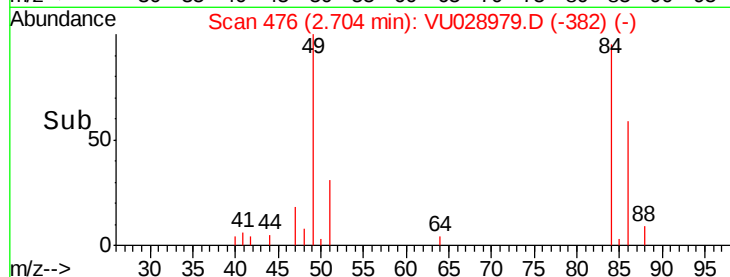
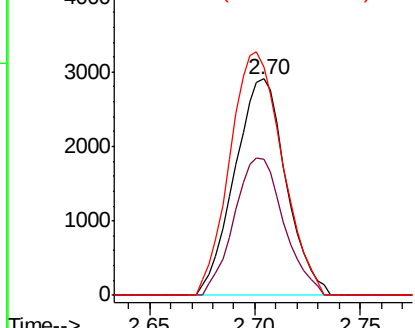
#16
Methylene chloride
Concen: 0.413 ug/L
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028979.D
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Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tgt Ion: 84 Resp: 4933
Ion Ratio Lower Upper
84 100
86 62.8 45.6 84.6
49 105.6 79.7 148.1

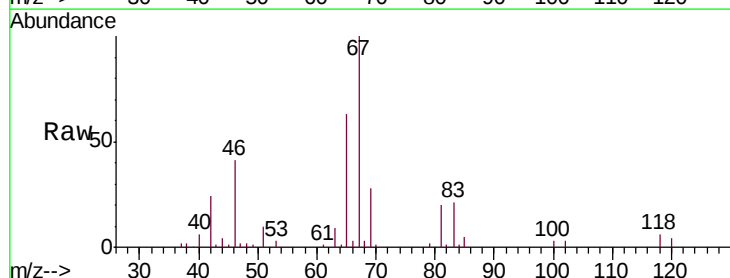


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

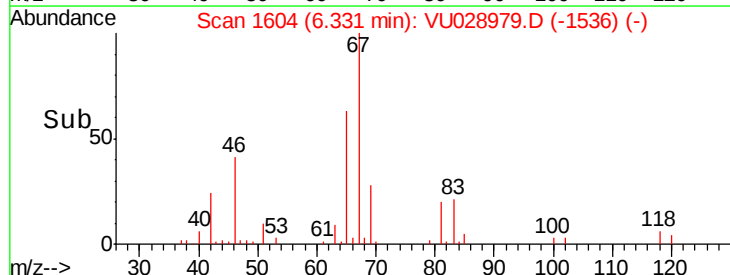
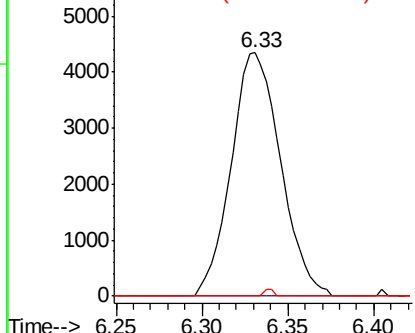


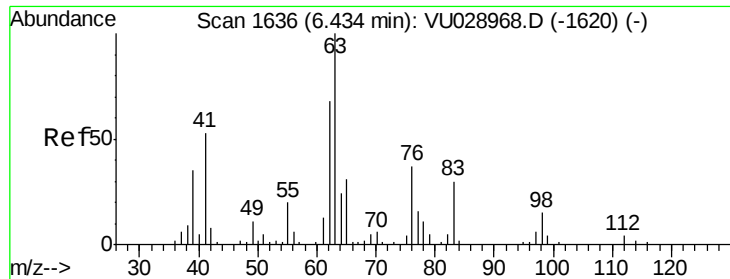
#35
Methylcyclohexane
Concen: 0.555 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU028979.D
Acq: 27 Dec 2018 21:27

Tgt Ion: 83 Resp: 8667
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.5 37.0 55.6#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

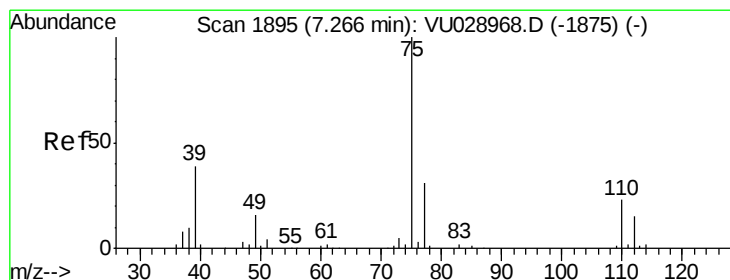
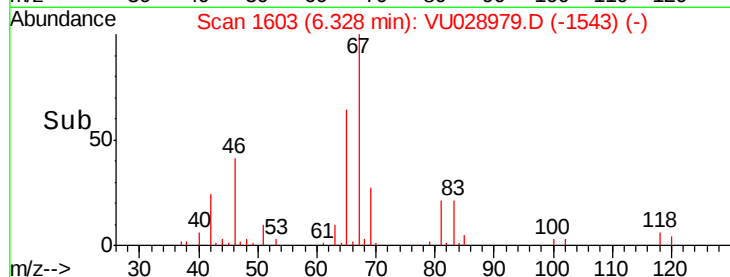
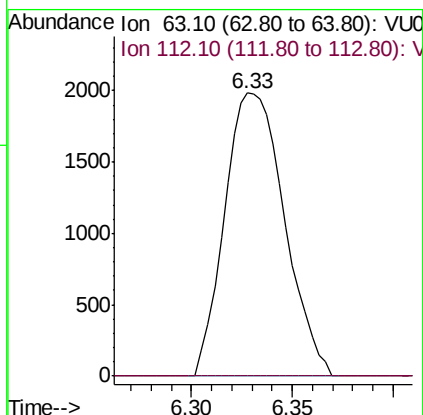
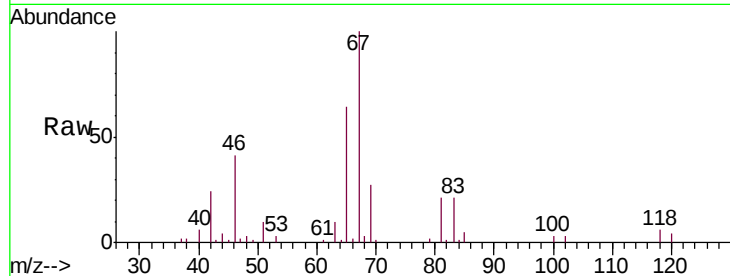




#37
 1,2-Dichloropropane
 Concen: 0.452 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.11 min
 Lab File: VU028979.D
 Acq: 27 Dec 2018 21:27

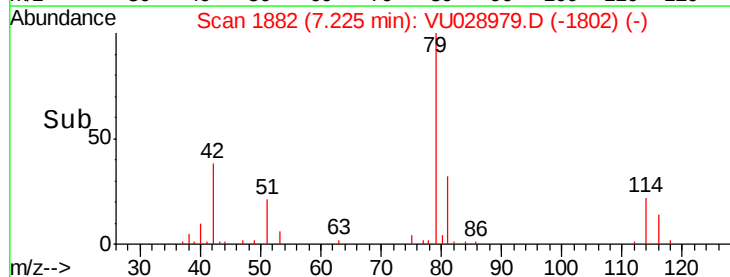
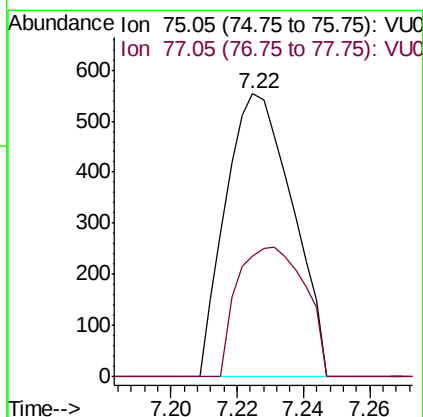
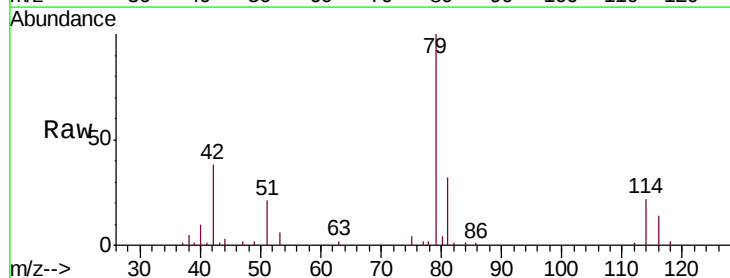
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 VHBLK02

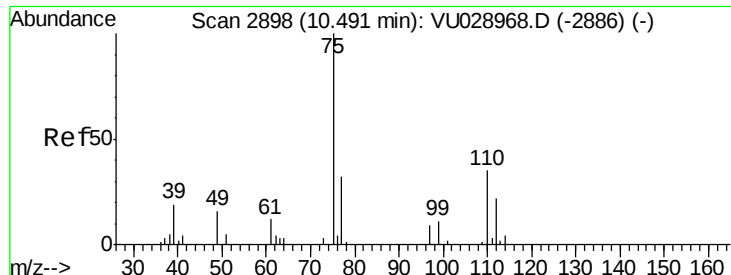
Tgt Ion: 63 Resp: 4095
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.060 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU028979.D
 Acq: 27 Dec 2018 21:27

Tgt Ion: 75 Resp: 775
 Ion Ratio Lower Upper
 75 100
 77 42.7 21.5 39.9#





#59

1,2,3-Trichloropropane

Concen: 1.132 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028979.D

Acq: 27 Dec 2018 21:27

Instrument :

MSVOA_U

ClientSampleId :

VHBLK02

Tgt Ion: 75 Resp: 5977

Ion Ratio Lower Upper

75 100

77 31.0 26.0 39.0

