

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028845.D
 Acq On : 20 Dec 2018 23:31
 Operator : MD/SY
 Sample : J6513-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F52

Quant Time: Dec 21 06:42:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 05:57:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194727	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	184893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	63283	40.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.08%
7) Chloroethane-d5	1.67	69	51326	42.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.14%
11) 1,1-Dichloroethene-d2	2.27	63	82996	31.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.22%
21) 2-Butanone-d5	4.18	46	133927	122.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.45%
24) Chloroform-d	4.65	84	110848	45.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.30%
26) 1,2-Dichloroethane-d4	5.31	65	70848	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
32) Benzene-d6	5.34	84	240514	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.10%
36) 1,2-Dichloropropane-d6	6.33	67	84648	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.40%
41) Toluene-d8	7.57	98	220005	46.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.96%
43) trans-1,3-Dichloropropene-	7.85	79	36118	45.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.84%
47) 2-Hexanone-d5	8.31	63	108632	128.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.89%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124770	50.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	85900	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%

Target Compounds

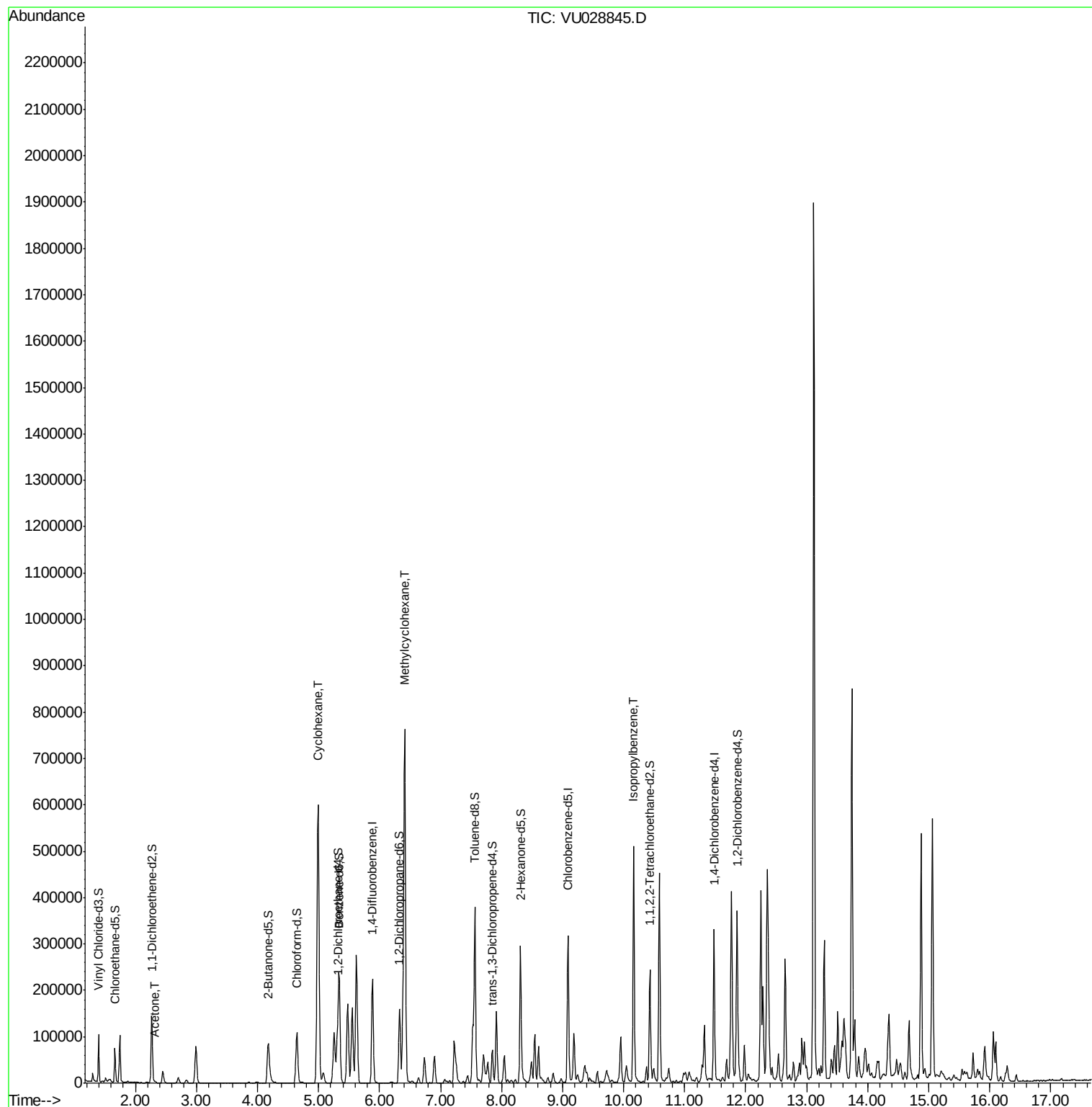
					Qvalue
13) Acetone	2.32	43	3645	3.270 ug/L	82
29) Cyclohexane	4.99	56	348212	141.502 ug/L	99
35) Methylcyclohexane	6.41	83	332949	140.670 ug/L	92
56) Isopropylbenzene	10.16	105	331776	55.039 ug/L	99

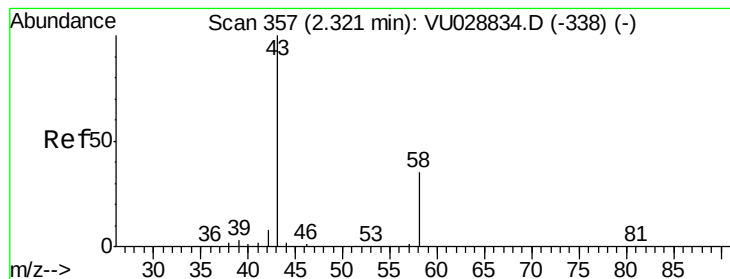
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.270 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

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Acq: 20 Dec 2018 23:31

Instrument :

MSVOA_U

ClientSampled :

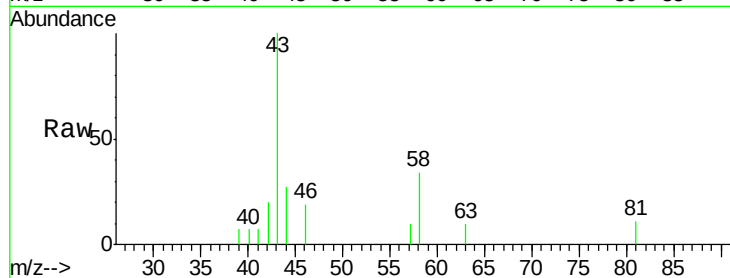
F9F52

Tgt Ion: 43 Resp: 3645

Ion Ratio Lower Upper

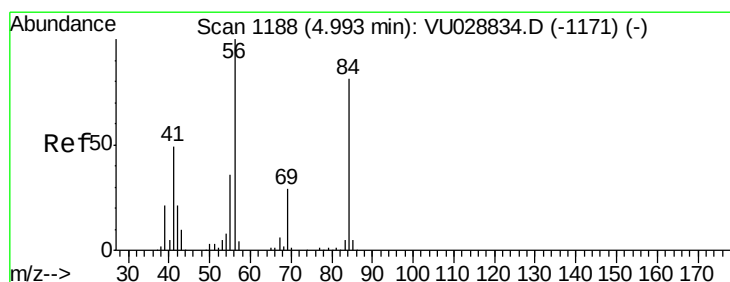
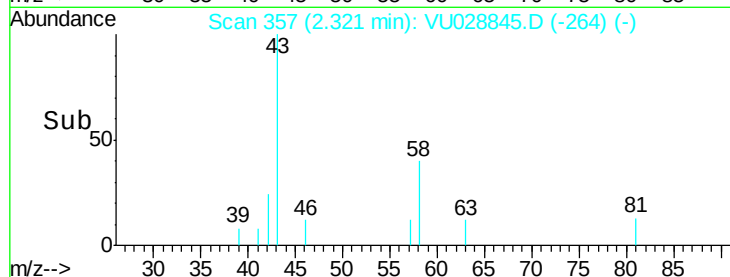
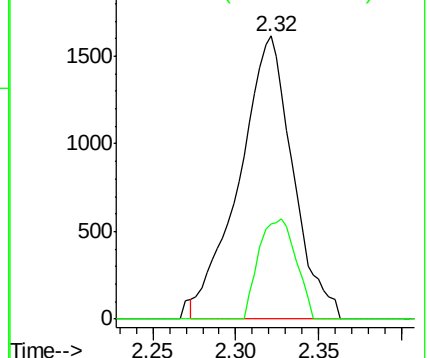
43 100

58 24.5 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#29

Cyclohexane

Concen: 141.502 ug/L

RT: 4.99 min Scan# 1188

Delta R.T. -0.00 min

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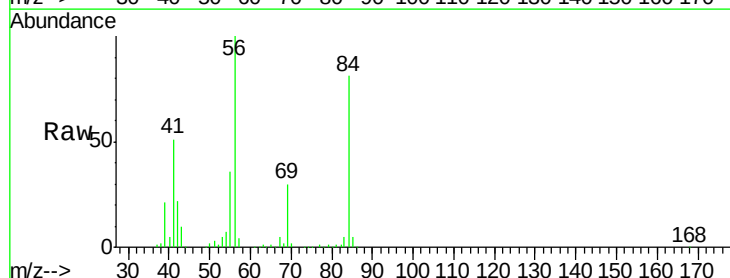
Tgt Ion: 56 Resp: 348212

Ion Ratio Lower Upper

56 100

69 30.0 23.8 35.8

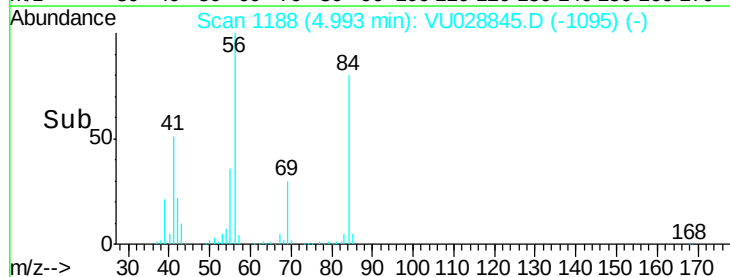
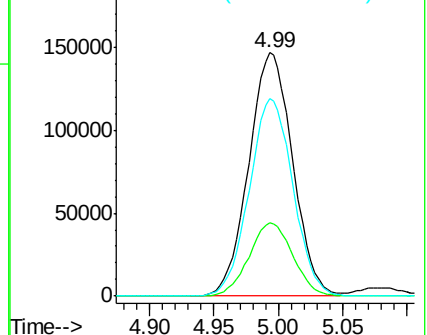
84 80.8 63.8 95.8

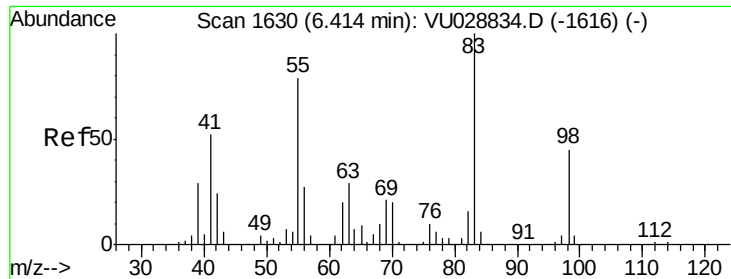


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

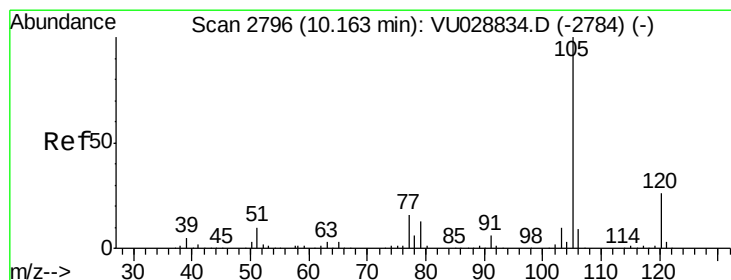
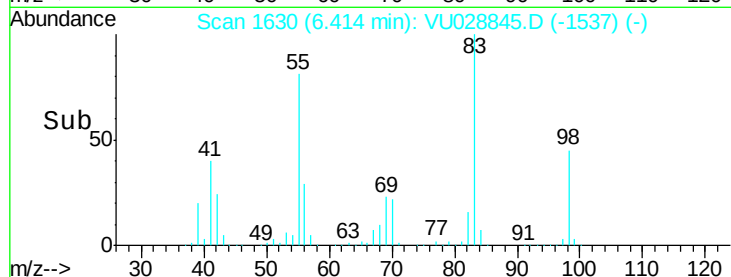
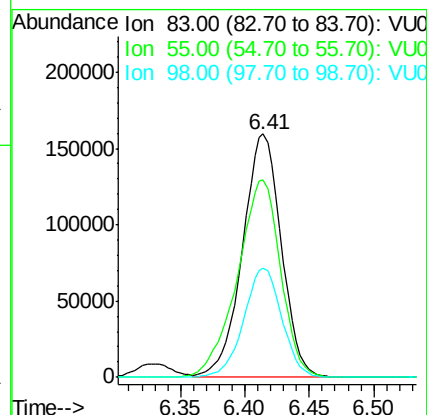
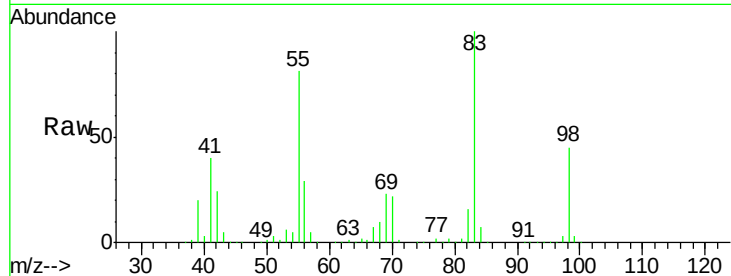




#35
Methylcyclohexane
Concen: 140.670 ug/L
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
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Tgt Ion: 83 Resp: 332949
Ion Ratio Lower Upper
83 100
55 90.6 63.7 95.5
98 44.0 35.6 53.4



#56
Isopropylbenzene
Concen: 55.039 ug/L
RT: 10.16 min Scan# 2796
Delta R.T. -0.00 min
Lab File: VU028845.D
Acq: 20 Dec 2018 23:31

Tgt Ion: 105 Resp: 331776
Ion Ratio Lower Upper
105 100
120 26.4 21.4 32.2
77 15.5 12.3 18.5

