

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031164.D
 Acq On : 13 Apr 2019 18:13
 Operator : JC/SP
 Sample : K2353-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ62

Quant Time: Apr 15 11:48:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	446262	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	435935	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	184443	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	186951	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.86%
7) Chloroethane-d5	1.68	69	149404	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.82%
11) 1,1-Dichloroethene-d2	2.26	63	260034	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.18%
21) 2-Butanone-d5	4.17	46	324926	102.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.91%
24) Chloroform-d	4.64	84	303318	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	5.30	65	208522	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
32) Benzene-d6	5.33	84	614940	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.64%
36) 1,2-Dichloropropane-d6	6.32	67	205860	47.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.40%
41) Toluene-d8	7.56	98	519762	46.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.16%
43) trans-1,3-Dichloropropene-	7.85	79	89814	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.32%
47) 2-Hexanone-d5	8.31	63	195579	98.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	289846	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	197642	54.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.98%

Target Compounds

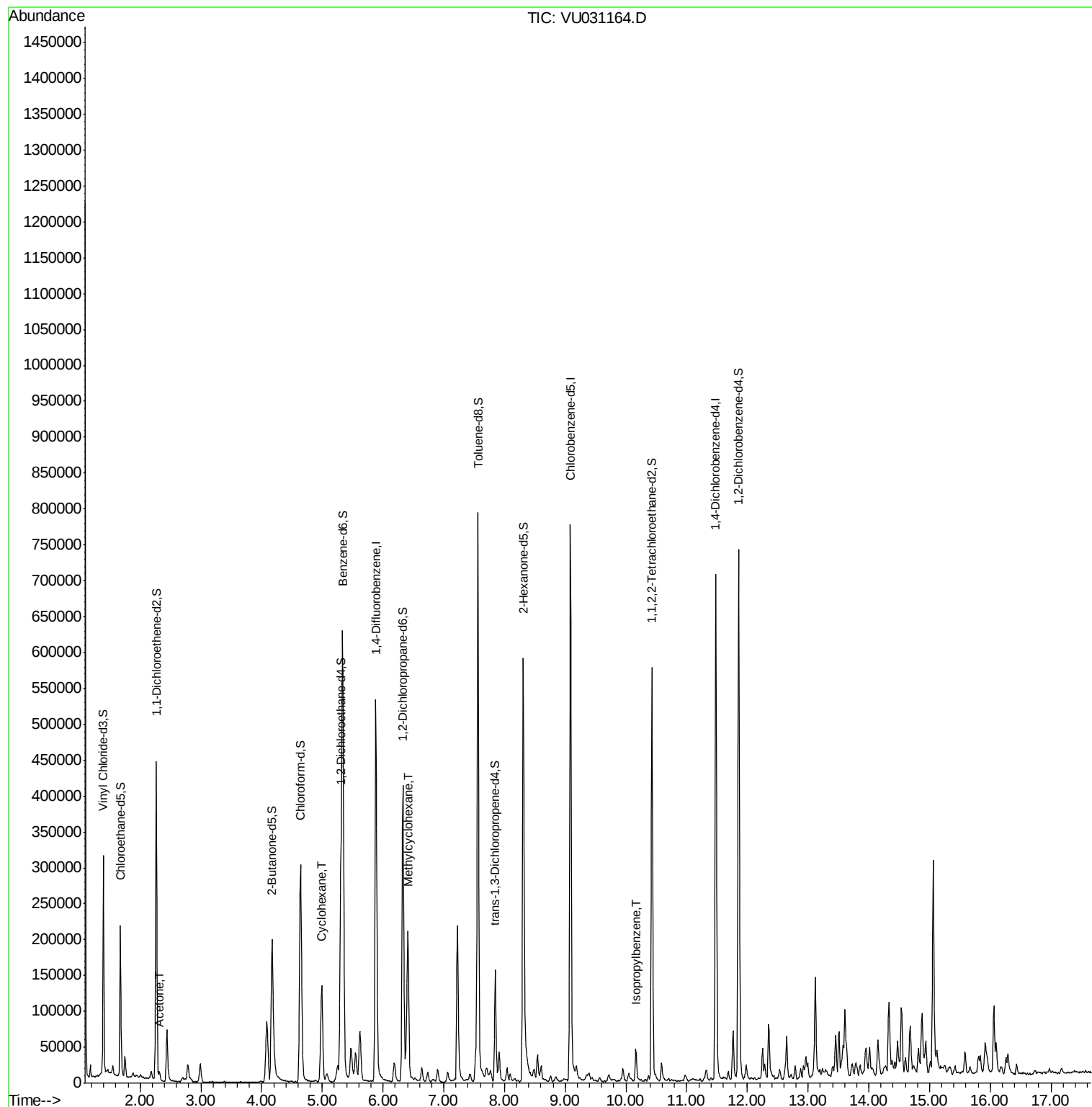
					Ovalue
13) Acetone	2.32	43	8725	2.701 ug/L	96
29) Cyclohexane	4.99	56	70330	11.319 ug/L #	93
35) Methylcyclohexane	6.41	83	81306	15.057 ug/L	95
56) Isopropylbenzene	10.16	105	26886	1.854 ug/L	97

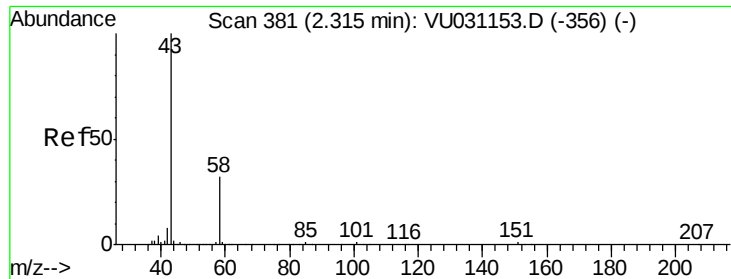
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.701 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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ClientSampleId :

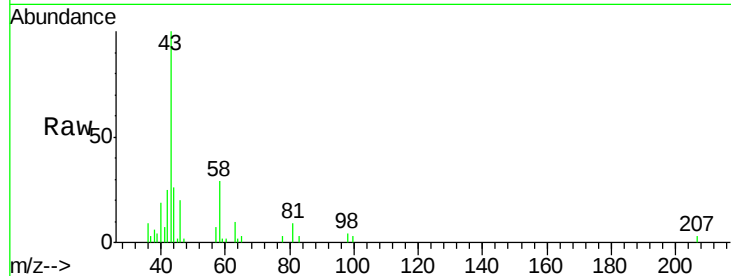
ETJ62

Tot Ion: 43 Resp: 8725

Ion Ratio Lower Upper

43 100

58 34.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

6000

5000

4000

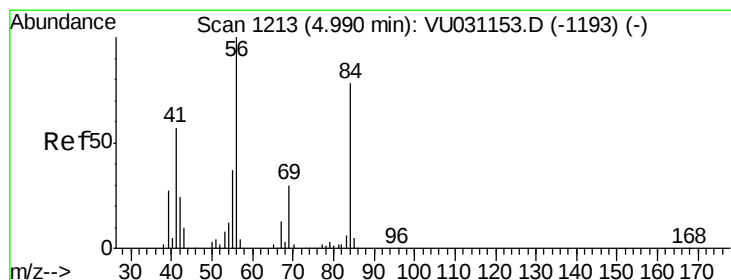
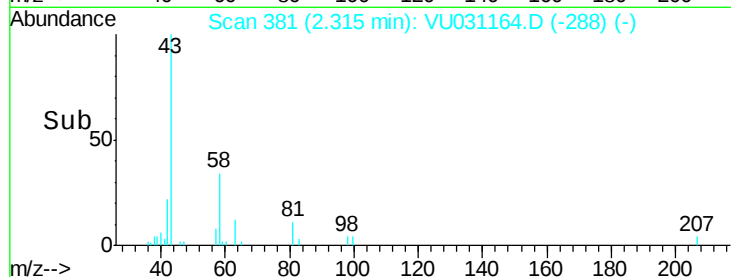
3000

2000

1000

0

Time-->



#29

Cyclohexane

Concen: 11.319 ug/L

RT: 4.99 min Scan# 1214

Delta R.T. 0.00 min

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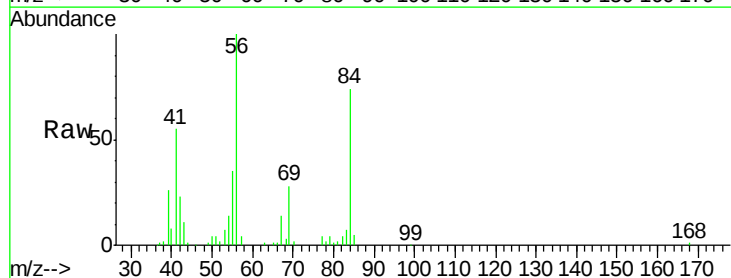
Tgt Ion: 56 Resp: 70330

Ion Ratio Lower Upper

56 100

69 15.7 22.0 33.0#

84 73.3 58.2 87.2



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

40000

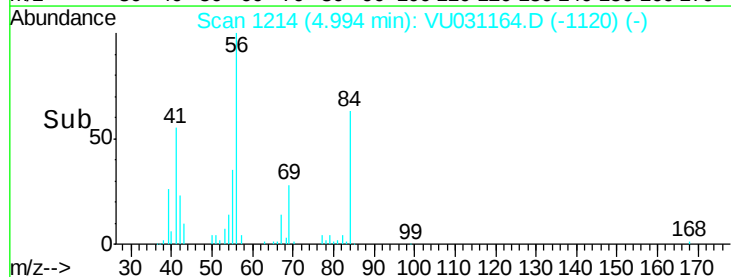
30000

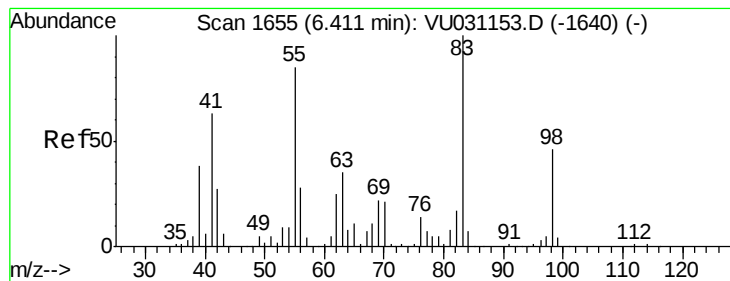
20000

10000

0

Time-->





#35

Methvlcvclohexane

Concen: 15.057 ug/L

RT: 6.41 min Scan# 1655

Delta R.T. -0.00 min

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MSVOA_U

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ETJ62

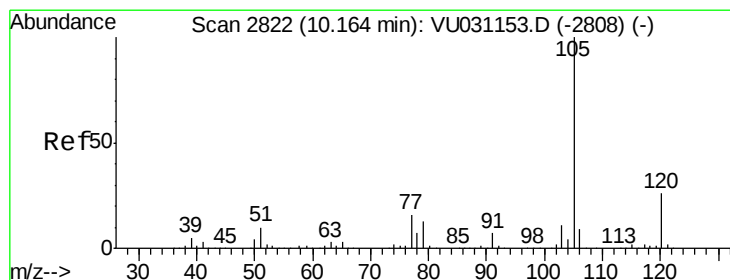
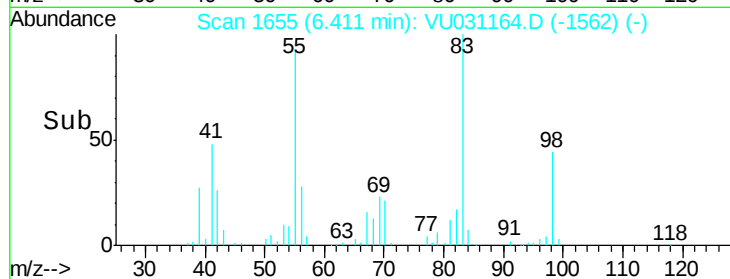
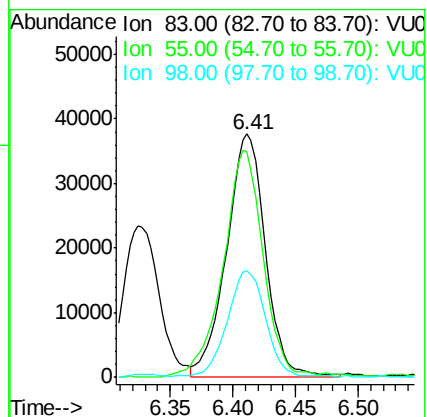
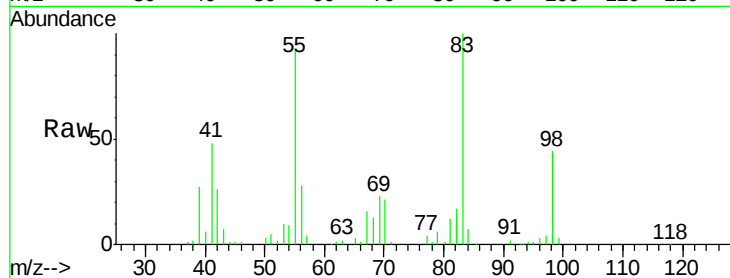
Tot Ion: 83 Resp: 81306

Ion Ratio Lower Upper

83 100

55 95.1 71.6 107.4

98 42.4 35.4 53.0



#56

Isopropylbenzene

Concen: 1.854 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU031164.D

Acq: 13 Apr 2019 18:13

Tgt Ion:105 Resp: 26886

Ion Ratio Lower Upper

105 100

120 27.1 20.4 30.6

77 17.8 13.4 20.2

