

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030702.D
 Acq On : 04 Apr 2019 22:51
 Operator : JC/SP
 Sample : K2168-19
 Misc : 5.84g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF641

Quant Time: Apr 05 02:58:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	471337	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	461714	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	232081	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	173198	41.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.32%
7) Chloroethane-d5	1.64	69	118498	37.11	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.22%
11) 1,1-Dichloroethene-d2	2.23	63	251885	33.10	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.20%
21) 2-Butanone-d5	4.19	46	310323	93.06	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	4.64	84	280556	43.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.30%
26) 1,2-Dichloroethane-d4	5.30	65	194767	44.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.82%
32) Benzene-d6	5.33	84	603561	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
36) 1,2-Dichloropropane-d6	6.32	67	209432	45.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.68%
41) Toluene-d8	7.56	98	544518	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.85	79	100691	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.32	63	227015	107.53	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.53%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310988	49.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	210947	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%

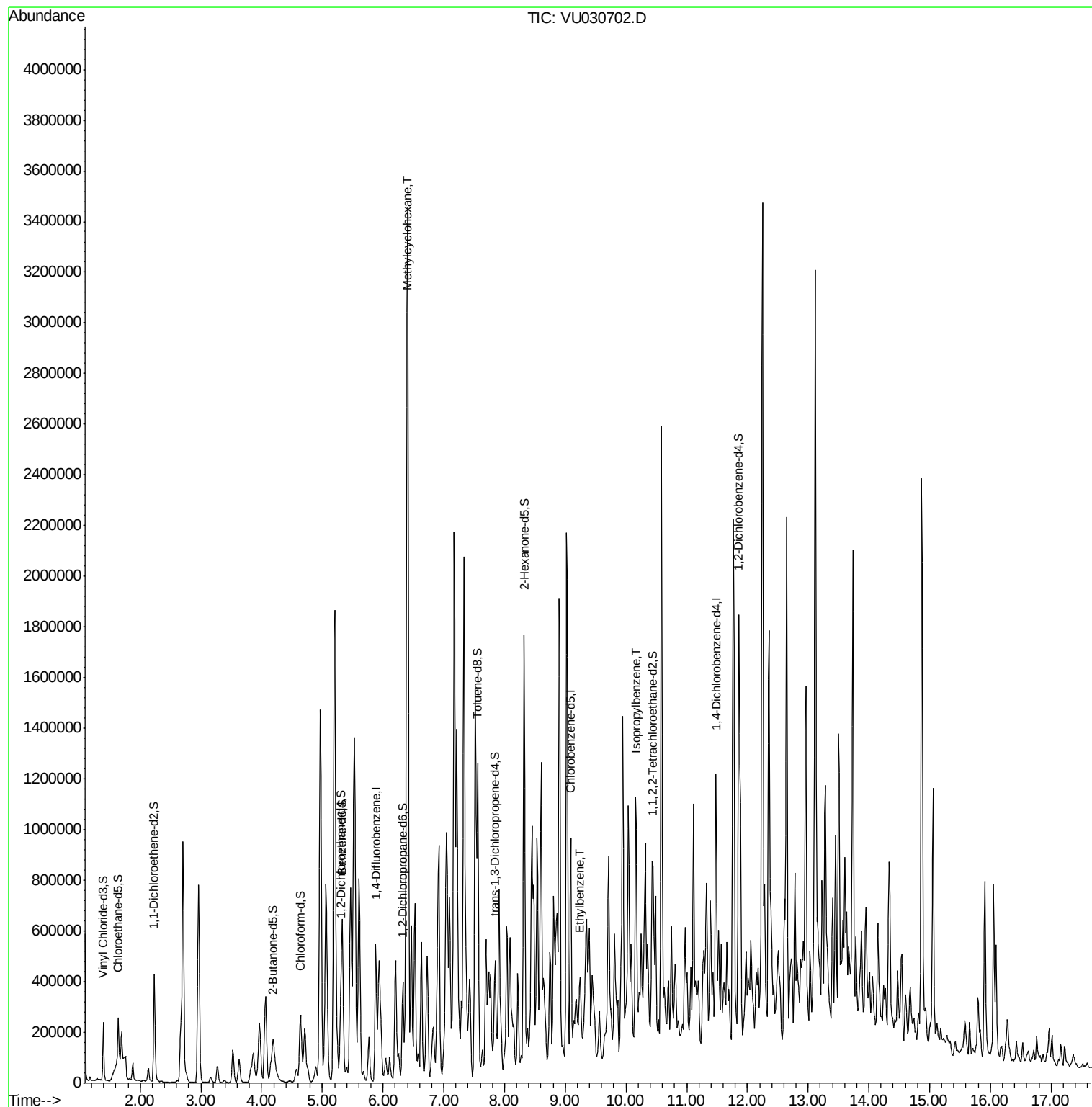
Target Compounds					Ovalue
35) Methylcyclohexane	6.40	83	1409932	246.531 ug/L	96
52) Ethylbenzene	9.25	91	23241	1.382 ug/L	96
56) Isopropylbenzene	10.16	105	550062	35.822 ug/L	99

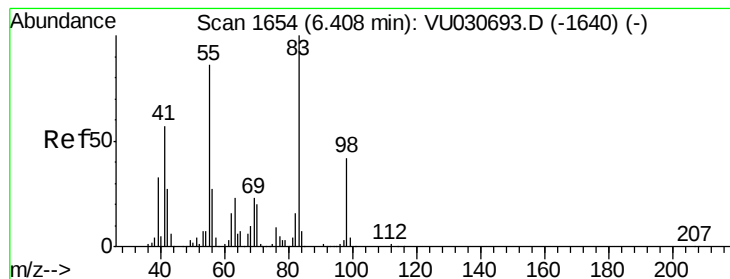
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methvlcvclohexane

Concen: 246.531 ug/L

RT: 6.40 min Scan# 1652

Delta R.T. -0.01 min

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ClientSampleId :

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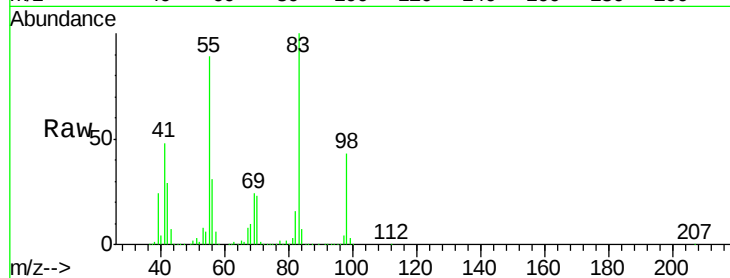
Tot Ion: 83 Resp: 1409932

Ion Ratio Lower Upper

83 100

55 94.8 71.6 107.4

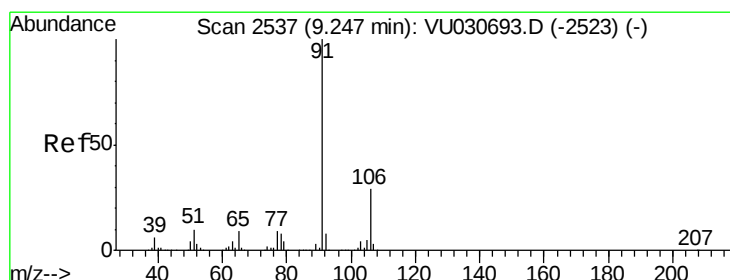
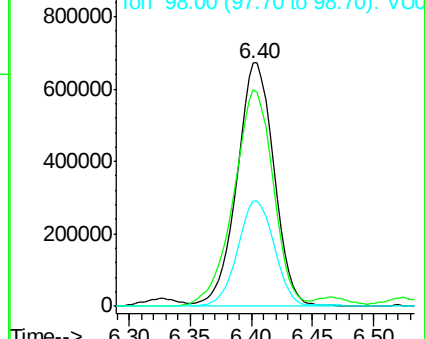
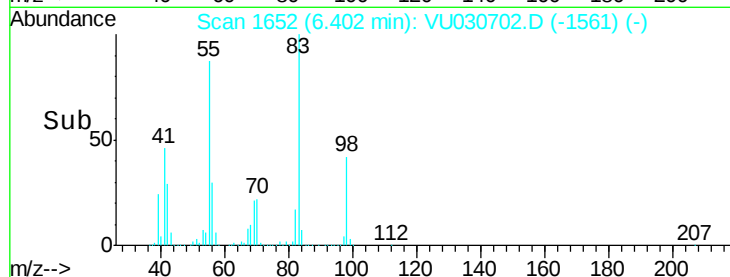
98 42.8 35.4 53.0



Abundance Ion 83.00 (82.70 to 83.70): VU030702.D (-1561) (-)

Ion 55.00 (54.70 to 55.70): VU030702.D (-1561) (-)

Ion 98.00 (97.70 to 98.70): VU030702.D (-1561) (-)



#52

Ethylbenzene

Concen: 1.382 ug/L

RT: 9.25 min Scan# 2539

Delta R.T. 0.01 min

Lab File: VU030702.D

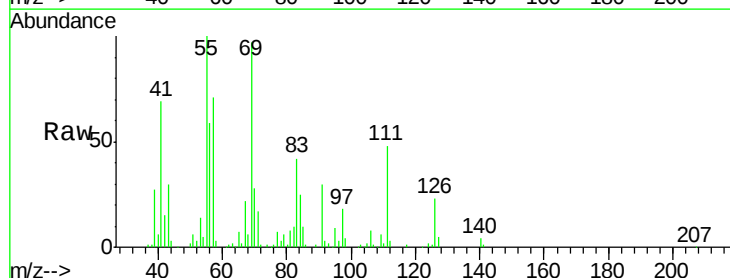
Acq: 04 Apr 2019 22:51

Tgt Ion: 91 Resp: 23241

Ion Ratio Lower Upper

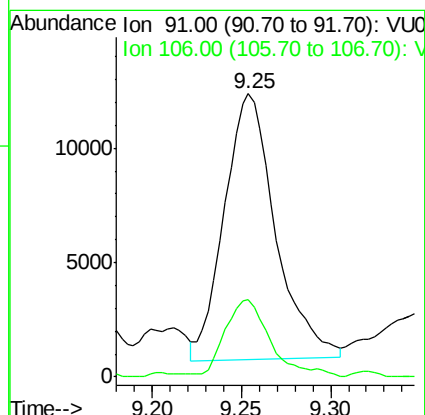
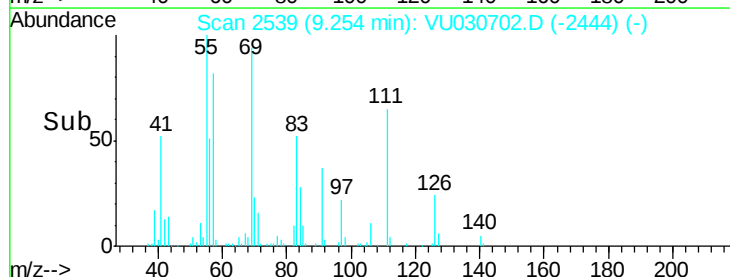
91 100

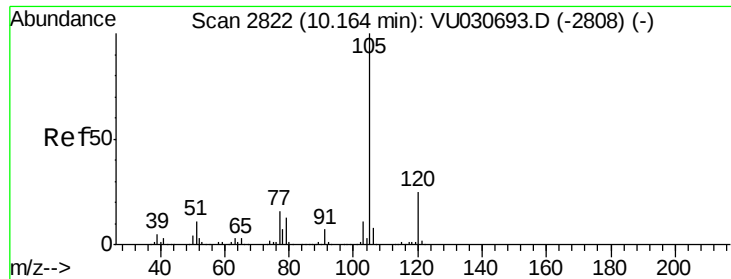
106 27.1 20.4 37.8



Abundance Ion 91.00 (90.70 to 91.70): VU030702.D (-2444) (-)

Ion 106.00 (105.70 to 106.70): VU030702.D (-2444) (-)





#56

Isopropylbenzene

Concen: 35.822 ug/L

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

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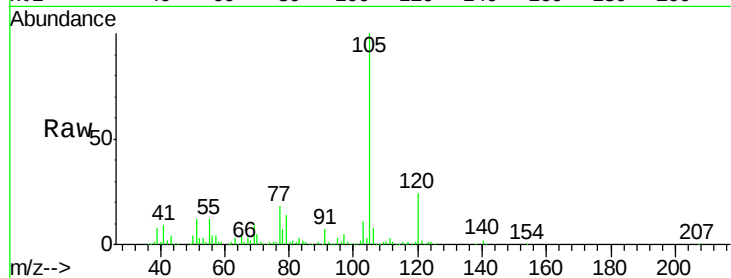
Tot Ion:105 Resp: 550062

Ion Ratio Lower Upper

105 100

120 24.9 20.4 30.6

77 17.3 13.4 20.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

