

Data File : VU034704.D
Acq On : 20 Sep 2019 21:36
Operator : JC/SP
Sample : K4948-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFCX7

Quant Time: Sep 21 05:30:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 21 05:27:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	466905	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	441505	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	192650	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	189344	39.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.22%
7) Chloroethane-d5	1.67	69	161691	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.54%
11) 1,1-Dichloroethene-d2	2.26	63	265153	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.52%
21) 2-Butanone-d5	4.15	46	376689	102.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.83%
24) Chloroform-d	4.62	84	327239	47.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.18%
26) 1,2-Dichloroethane-d4	5.29	65	239400	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
32) Benzene-d6	5.32	84	656251	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
36) 1,2-Dichloropropane-d6	6.31	67	235478	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.46%
41) Toluene-d8	7.54	98	613478	47.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.24%
43) trans-1,3-Dichloropropene-	7.83	79	101950	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.00%
47) 2-Hexanone-d5	8.29	63	234699	97.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	312215	47.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.08%
64) 1,2-Dichlorobenzene-d4	11.84	152	196638	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%

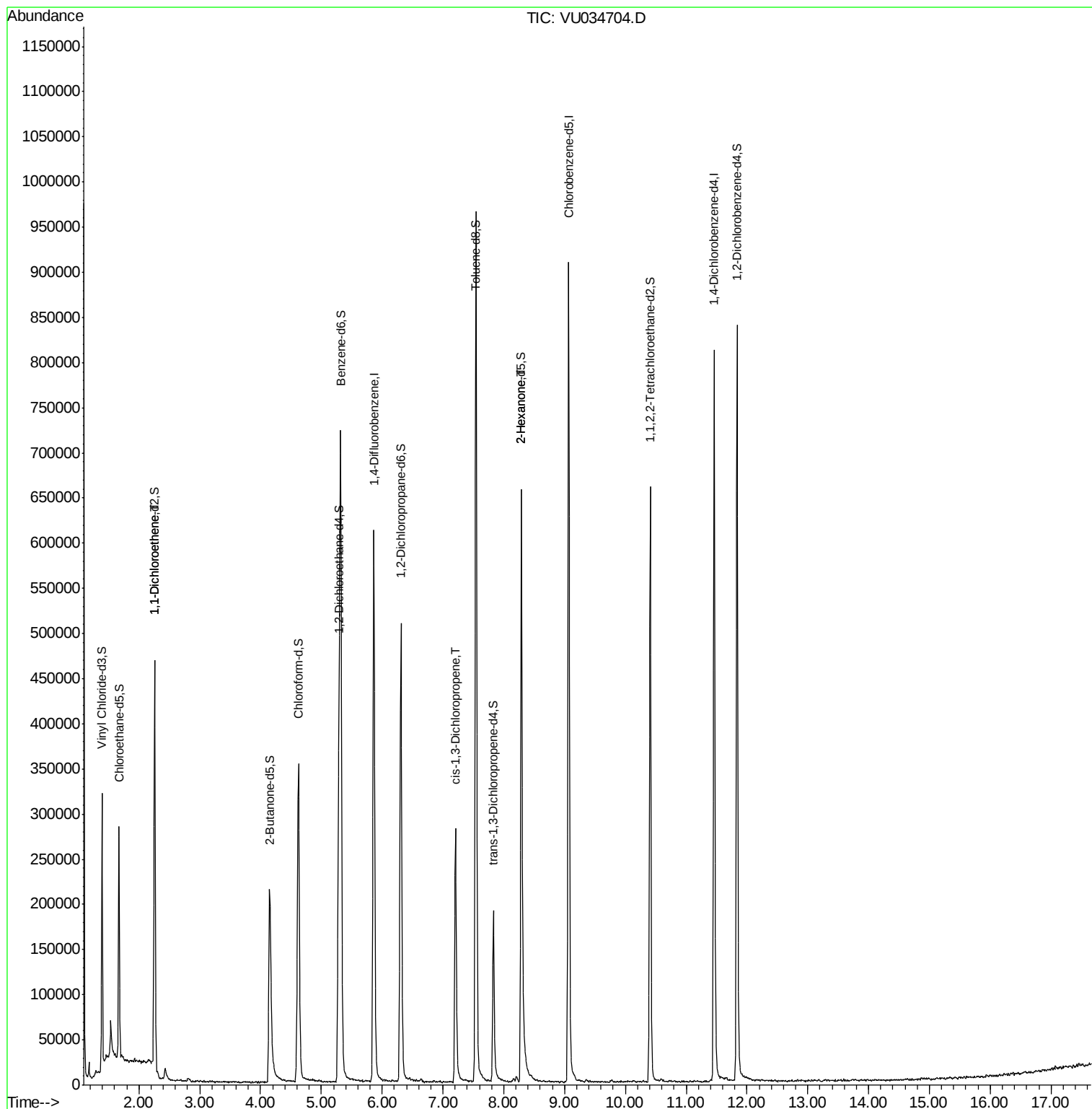
Target Compounds					Qvalue
12) 1,1-Dichloroethene	2.25	96	2412	0.790 ug/L #	1
39) cis-1,3-Dichloropropene	7.21	75	7468	1.090 ug/L	85
48) 2-Hexanone	8.29	43	30775	4.527 ug/L #	71

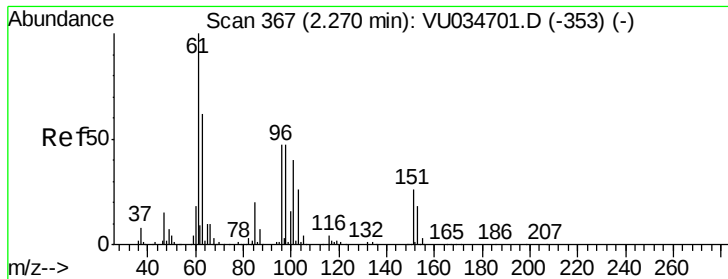
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.790 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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ClientSampleId :

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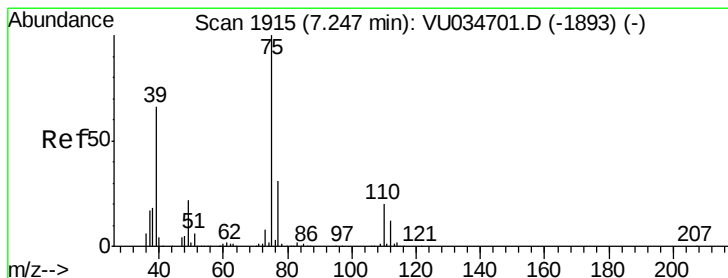
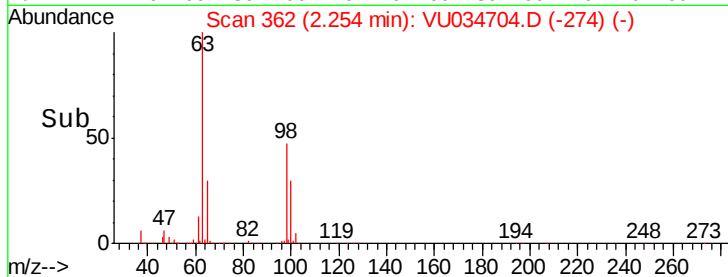
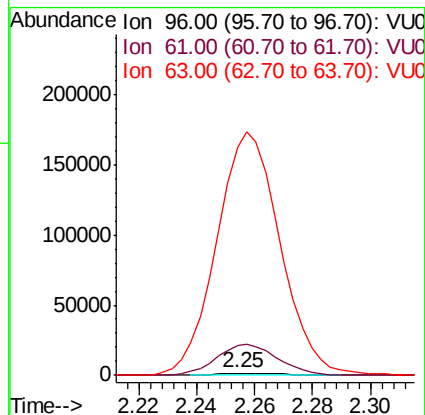
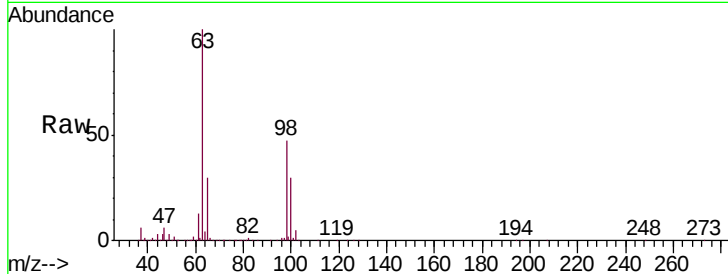
Tgt Ion: 96 Resp: 2412

Ion Ratio Lower Upper

96 100

61 1420.5 153.2 284.4#

63 11051.4 113.8 211.3#



#39

cis-1,3-Dichloropropene

Concen: 1.090 ug/L

RT: 7.21 min Scan# 1903

Delta R.T. -0.04 min

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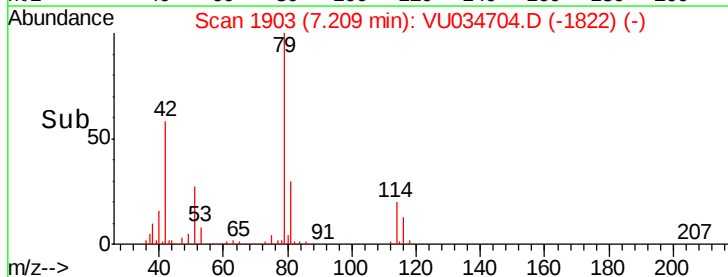
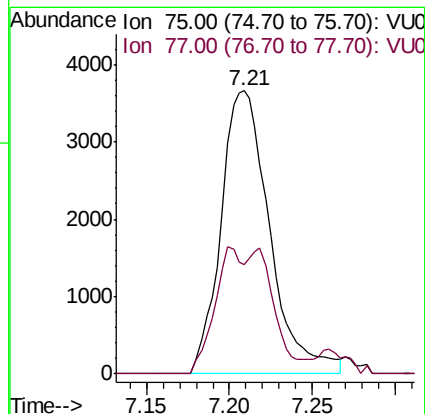
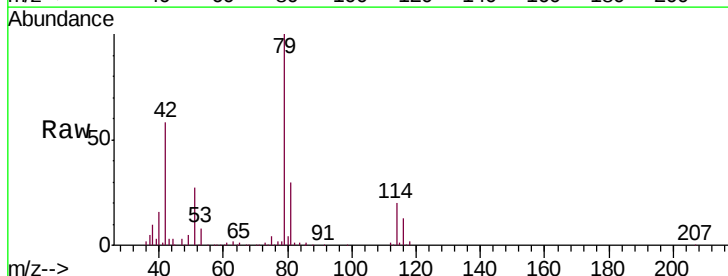
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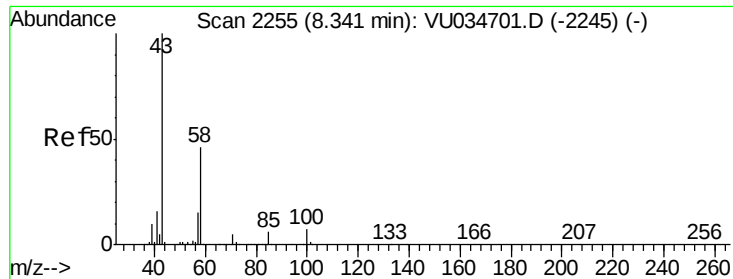
Tgt Ion: 75 Resp: 7468

Ion Ratio Lower Upper

75 100

77 38.6 21.4 39.8





#48

2-Hexanone

Concen: 4.527 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. -0.05 min

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MSVOA_U
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Tgt Ion: 43 Resp: 30775

Ion Ratio Lower Upper

43 100

58 19.9 35.3 52.9#

57 19.1 12.1 18.1#

100 0.2 6.2 9.4#

