

Data File : VU034635.D
Acq On : 17 Sep 2019 23:42
Operator : JC/SP
Sample : K4865-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMN6

Quant Time: Sep 18 08:09:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	95924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	89339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	39922	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40292	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.67	69	30057	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.26	63	53147	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.19	46	111376	59.36	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.72%
24) Chloroform-d	4.62	84	58821	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.29	65	35534	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	5.31	84	121503	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.31	67	40903	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.54	98	112538	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.83	79	16179	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.30	63	85645	59.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.58%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	33521	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	34215	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

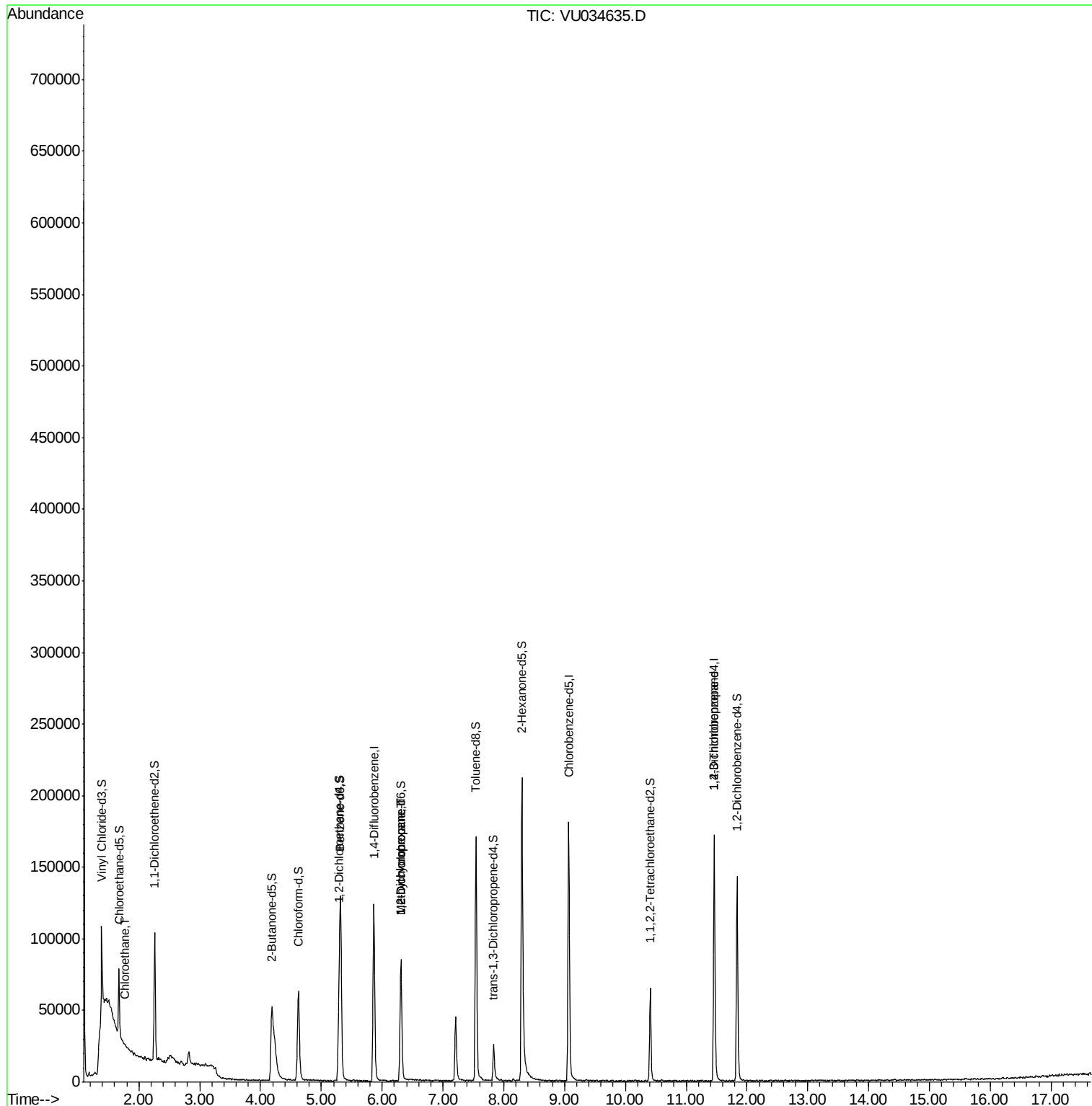
Target Compounds					Qvalue
8) Chloroethane	1.77	64	1361	0.325 ug/L #	53
35) Methylcyclohexane	6.31	83	8732	0.898 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	4785	0.642 ug/L #	92
59) 1,2,3-Trichloropropane	11.46	75	6782	1.392 ug/L	92

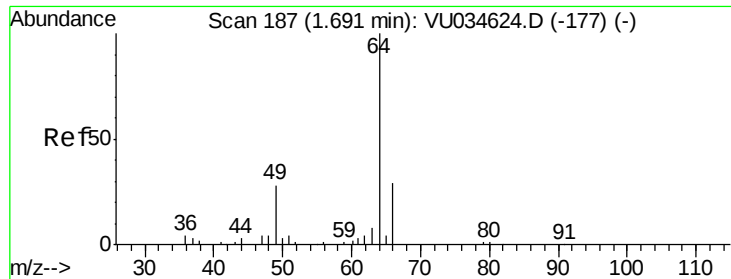
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.325 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.08 min

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Instrument :

MSVOA_U

ClientSampleId :

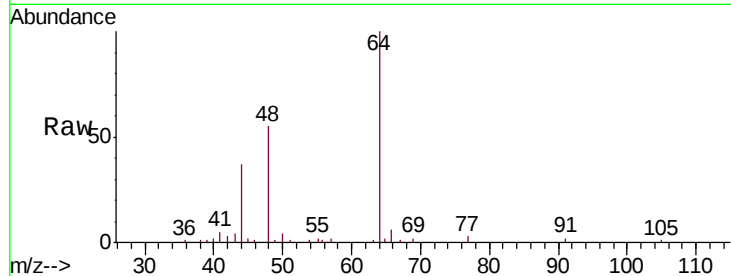
COMN6

Tgt Ion: 64 Resp: 1361

Ion Ratio Lower Upper

64 100

66 5.8 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

12000

10000

8000

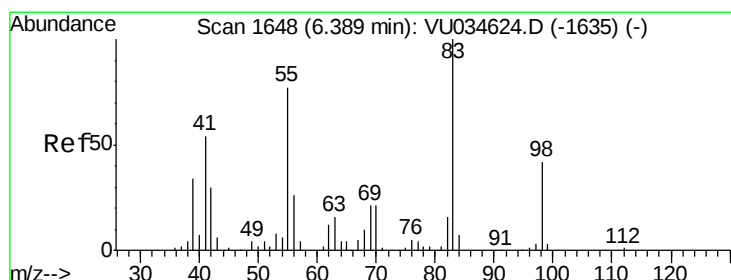
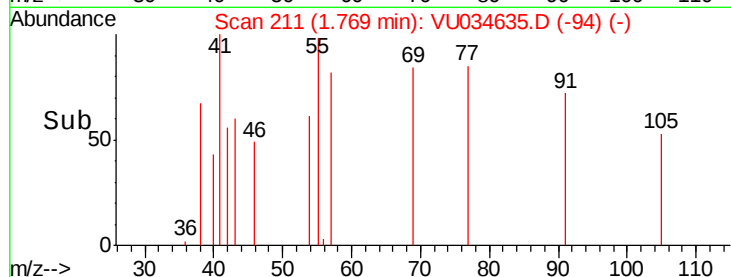
6000

4000

2000

0

Time--> 1.75 1.76 1.77 1.78



#35

Methylcyclohexane

Concen: 0.898 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.08 min

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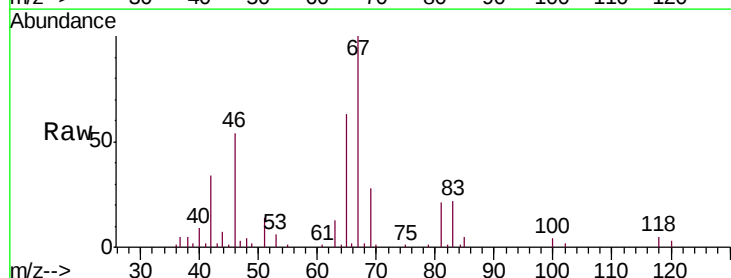
Tgt Ion: 83 Resp: 8732

Ion Ratio Lower Upper

83 100

55 0.9 66.8 100.2#

98 0.0 35.4 53.0#



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

5000

4000

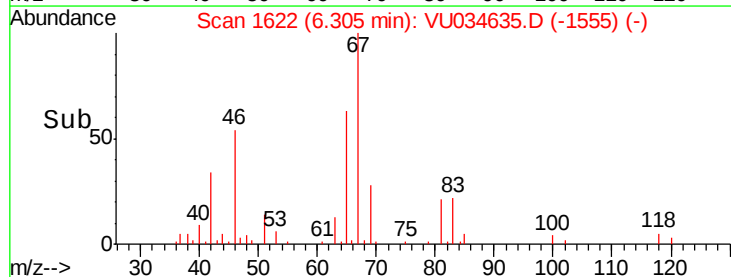
3000

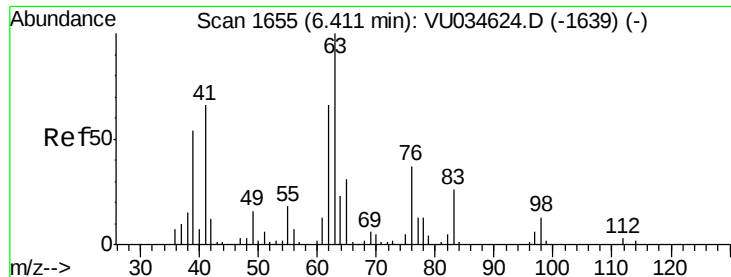
2000

1000

0

Time--> 6.25 6.30 6.35





#37

1,2-Dichloropropane

Concen: 0.642 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.11 min

Lab File: VU034635.D

Acq: 17 Sep 2019 23:42

Instrument :

MSVOA_U

ClientSampled :

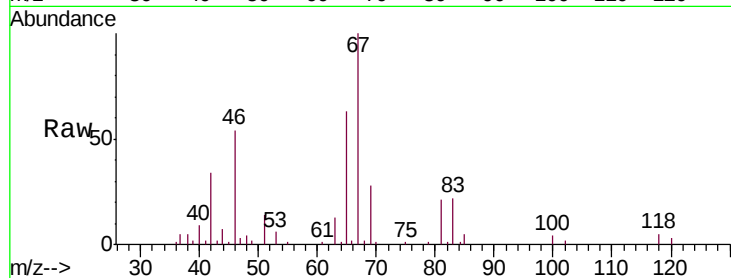
COMN6

Tgt Ion: 63 Resp: 4785

Ion Ratio Lower Upper

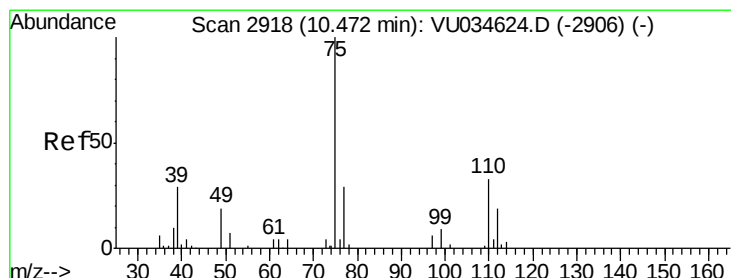
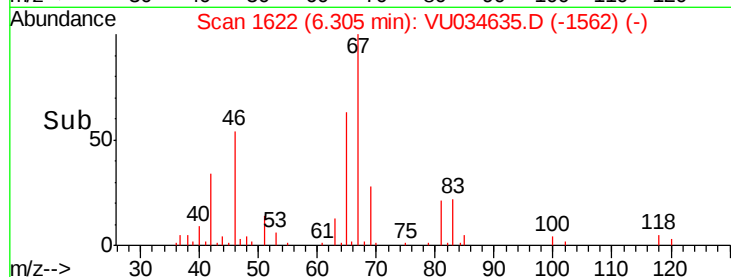
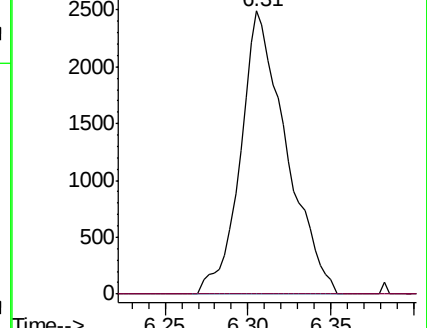
63 100

112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU034624.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VU034624.D (-1639) (-)



#59

1,2,3-Trichloropropane

Concen: 1.392 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

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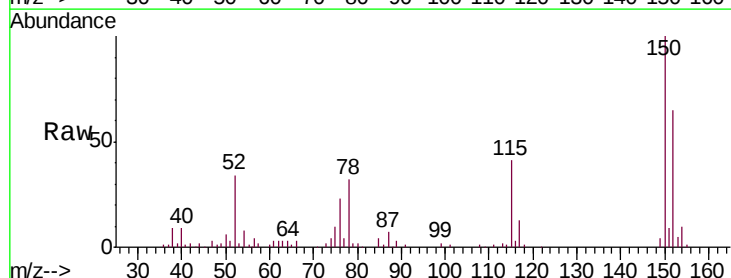
Acq: 17 Sep 2019 23:42

Tgt Ion: 75 Resp: 6782

Ion Ratio Lower Upper

75 100

77 36.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU034624.D (-2906) (-)

Ion 77.00 (76.70 to 77.70): VU034624.D (-2906) (-)

