

Data File : VU036901.D
Acq On : 25 Feb 2020 12:36
Operator : JC/MD
Sample : VIBLK40
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK40

Quant Time: Feb 26 01:31:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 26 01:28:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	227680	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	219484	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	83755	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89069	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.16%
7) Chloroethane-d5	1.90	69	77218	48.81	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.62%
11) 1,1-Dichloroethene-d2	2.58	63	112684	35.19	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.38%
21) 2-Butanone-d5	4.67	46	146932	114.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.56%
24) Chloroform-d	5.10	84	150335	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.98%
26) 1,2-Dichloroethane-d4	5.74	65	109343	55.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.68%
32) Benzene-d6	5.76	84	329592	51.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.86%
36) 1,2-Dichloropropane-d6	6.72	67	110041	53.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.02%
41) Toluene-d8	7.92	98	297430	50.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.02%
43) trans-1,3-Dichloropropene-	8.20	79	49193	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.96%
47) 2-Hexanone-d5	8.66	63	120748	120.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.09%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	167127	57.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.30%
64) 1,2-Dichlorobenzene-d4	12.21	152	93443	57.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.14%

Target Compounds

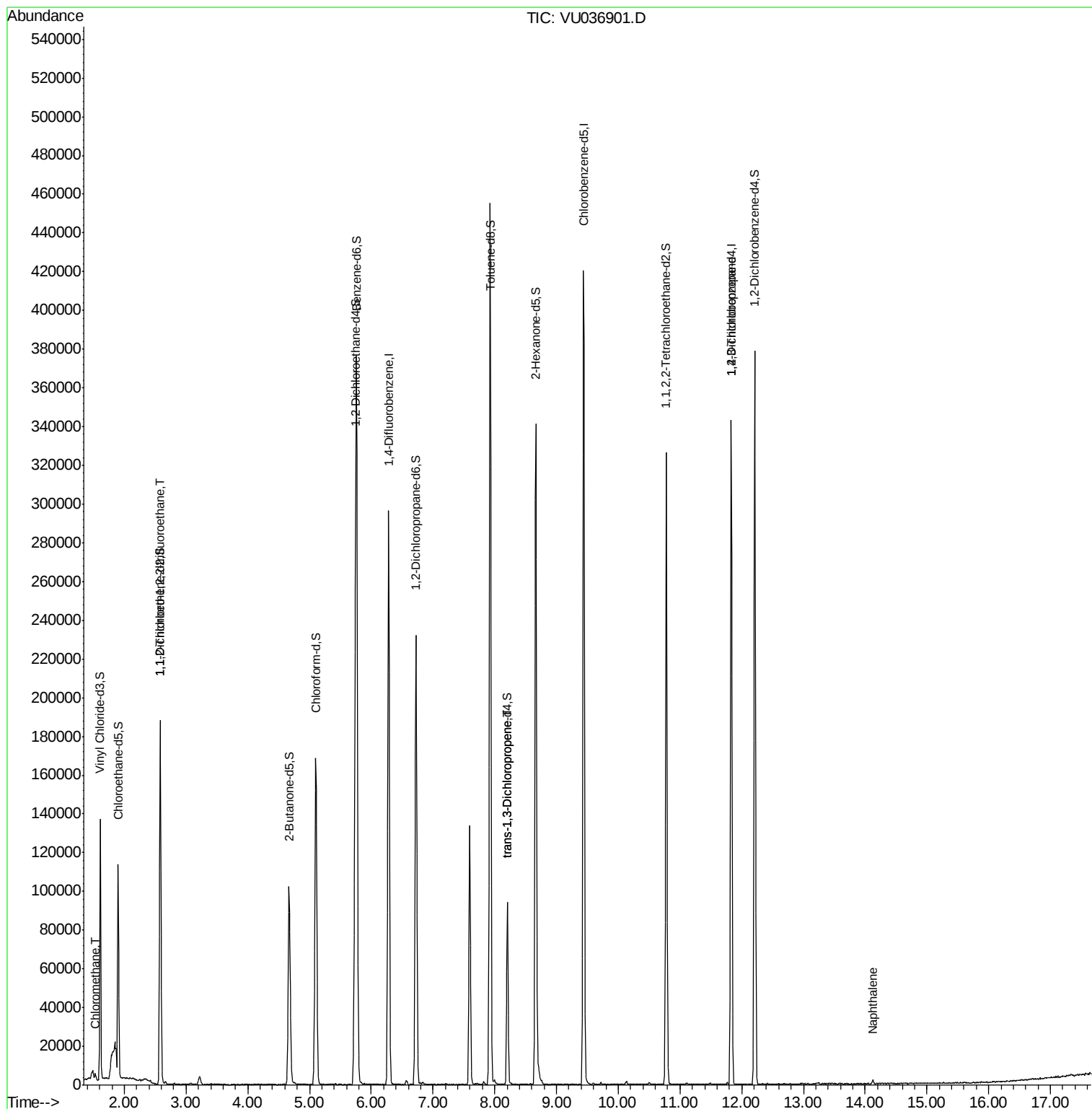
					Qvalue
3) Chloromethane	1.53	50	2229	1.003 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1047	0.720 ug/L #	23
44) trans-1,3-Dichloropropene	8.20	75	2420	0.970 ug/L	85
59) 1,2,3-Trichloropropane	11.83	75	12765	5.315 ug/L	96
69) Naphthalene	14.12	128	2166	0.950 ug/L #	89

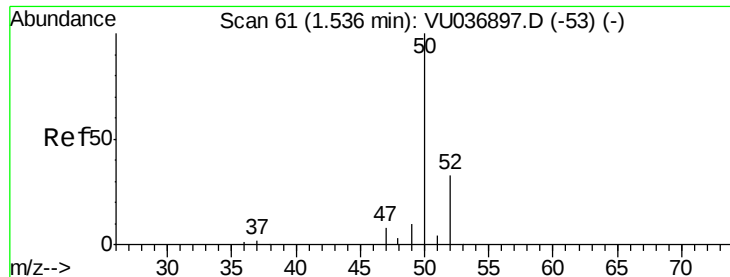
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.003 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

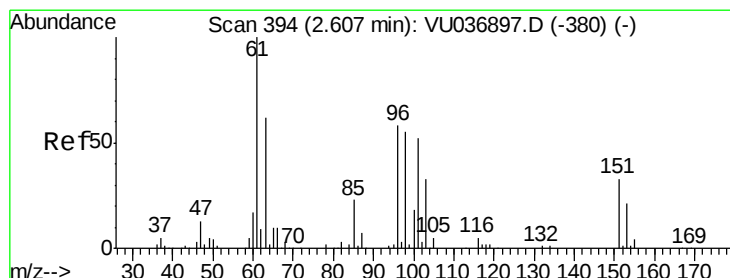
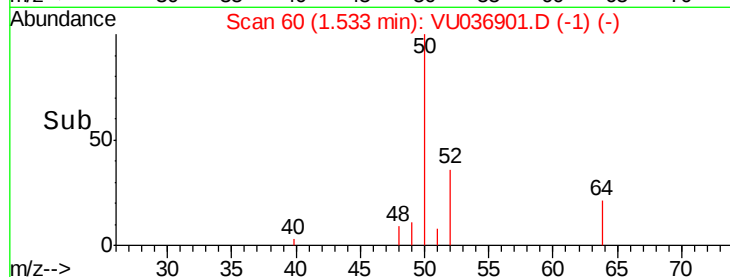
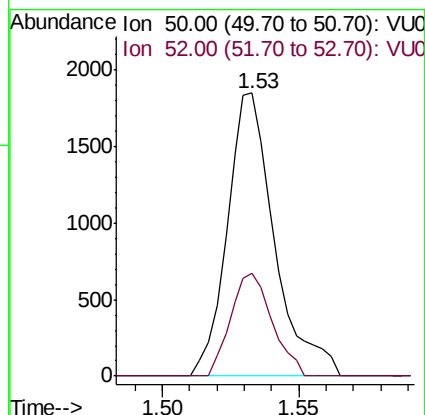
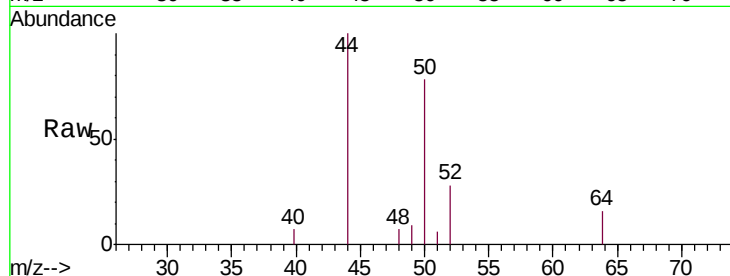
VIBLK40

Tgt Ion: 50 Resp: 2229

Ion Ratio Lower Upper

50 100

52 36.4 23.0 42.6



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.720 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.03 min

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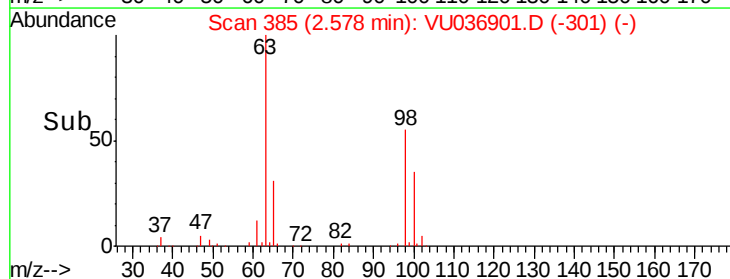
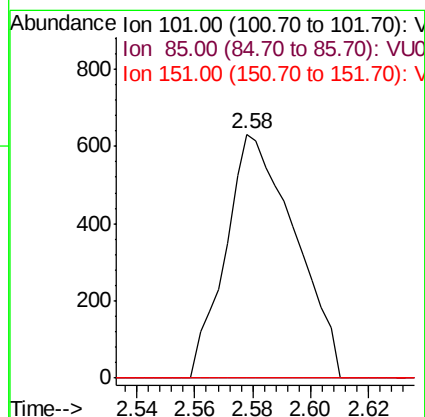
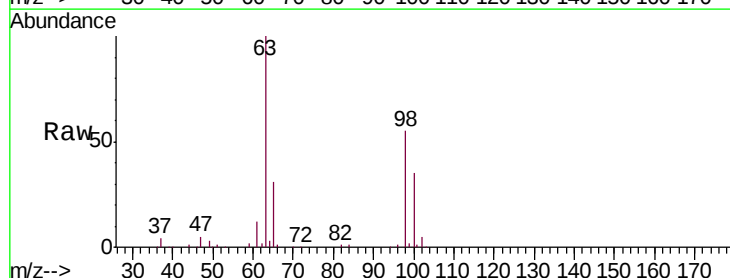
Tgt Ion: 101 Resp: 1047

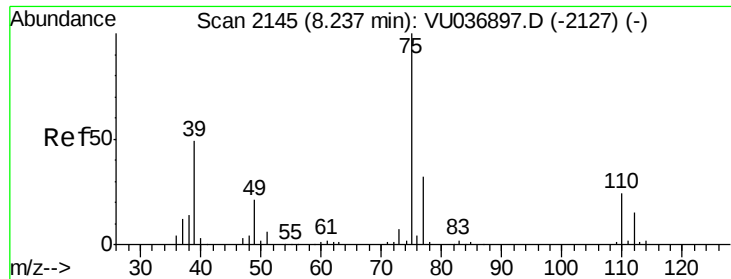
Ion Ratio Lower Upper

101 100

85 0.0 36.4 54.6#

151 0.0 52.4 78.6#





#44

trans-1,3-Dichloropropene

Concen: 0.970 ug/L

RT: 8.20 min Scan# 2135

Delta R.T. -0.03 min

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ClientSampleId :

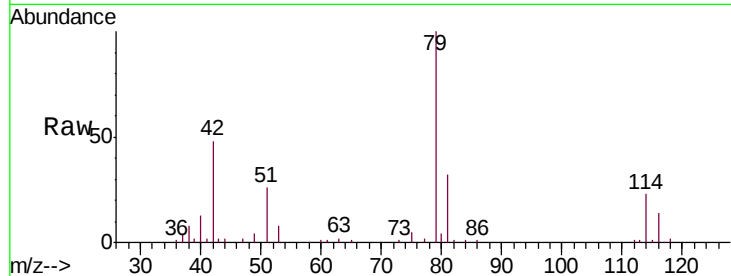
VIBLK40

Tgt Ion: 75 Resp: 2420

Ion Ratio Lower Upper

75 100

77 39.3 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU036897.D (-2127) (-)

Ion 77.00 (76.70 to 77.70): VU036897.D (-2127) (-)

8.20

1500

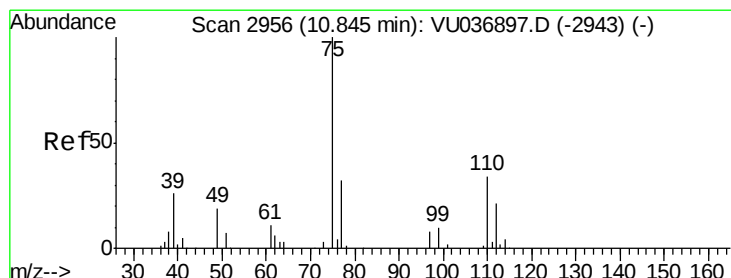
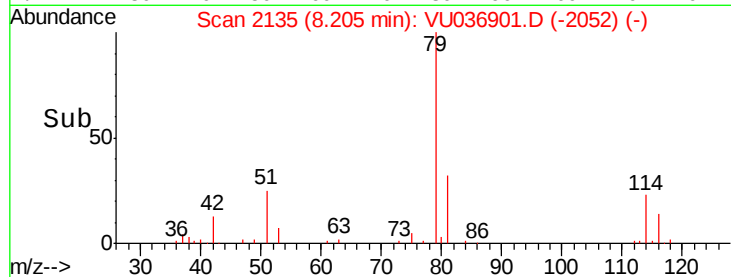
1000

500

0

8.15 8.20 8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 5.315 ug/L

RT: 11.83 min Scan# 3263

Delta R.T. 0.99 min

Lab File: VU036901.D

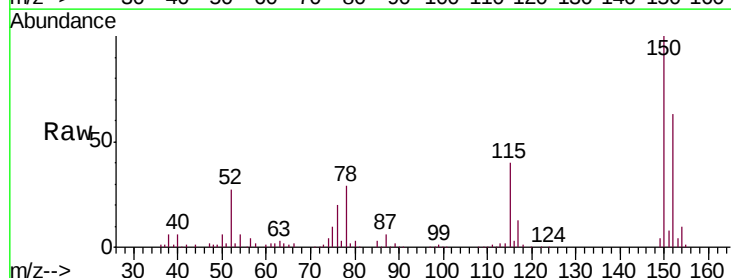
Acq: 25 Feb 2020 12:36

Tgt Ion: 75 Resp: 12765

Ion Ratio Lower Upper

75 100

77 34.9 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU036897.D (-2943) (-)

Ion 77.00 (76.70 to 77.70): VU036897.D (-2943) (-)

11.83

8000

6000

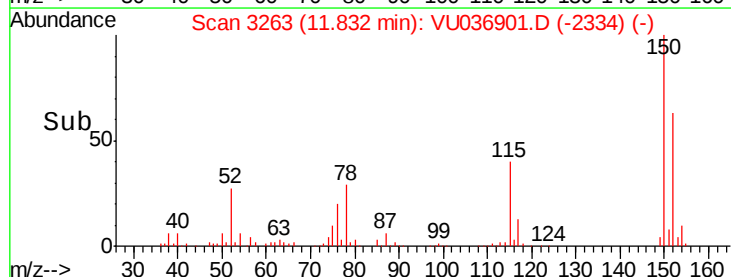
4000

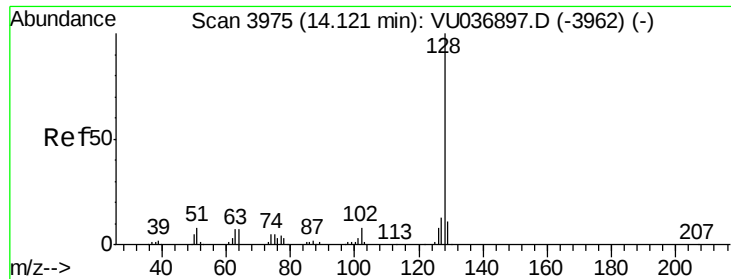
2000

0

11.80 11.85

Time-->





#69

Naphthalene

Concen: 0.950 ug/L

RT: 14.12 min Scan# 3976

Delta R.T. 0.00 min

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Instrument :

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ClientSampleId :

VIBLK40

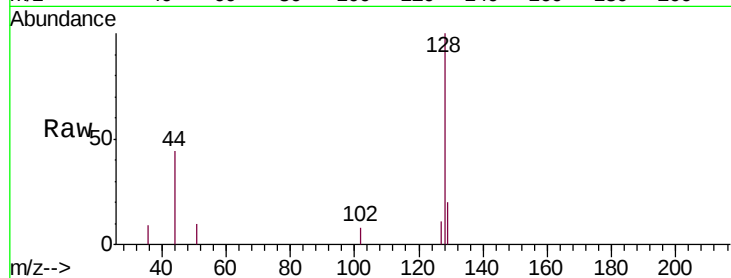
Tgt Ion:128 Resp: 2166

Ion Ratio Lower Upper

128 100

127 6.9 11.0 16.4#

129 12.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

